

Thomas Folkmann Hansen
Forskningsleder, ph.d.
Department of Neurology
Translational Research Centre, Rigshospitalet



Main research areas

Genomics and Omics of neurological disorders, with a dual focus on understanding the biological mechanism and improving precision medicine

Employment

Forskningsleder, ph.d.

Department of Neurology

The Capital Region of Denmark

1 Jan 2016 → present

Translational Research Centre, Rigshospitalet

The Capital Region of Denmark

1 Apr 2023 → present

Research outputs

Translational genomics of osteoarthritis in 1,962,069 individuals

Hatzikotoulas, K., Southam, L., Stefansdottir, L., Boer, C. G., McDonald, M.-L., Pett, J. P., Park, Y.-C., Tuerlings, M., Mulders, R., Barysenka, A., Arruda, A. L., Tragante, V., Rocco, A., Bittner, N., Chen, S., Horn, S., Srinivasasainagendra, V., To, K., Katsoula, G. & Kreitmaier, P. & 31 others, Tenghe, A. M. M., Gilly, A., Arbeeve, L., Chen, L. G., de Pins, A. M., Dochtermann, D., Henkel, C., Höjjer, J., Ito, S., Lind, P. A., Lukusa-Sawalena, B., Minn, A. K. K., Mola-Caminal, M., Narita, A., Nguyen, C., Reimann, E., Silberstein, M. D., Skogholt, A.-H., Tiwari, H. K., Yau, M. S., Banasik, K., Brunak, S., Dowsett, J., Gromov, K., Hansen, T., Ostrowski, S. R., Pedersen, O. B., Sørensen, E., Troelsen, A., Ullum, H. & arcOGEN Consortium, 9 Apr 2025, (E-pub ahead of print) In: *Nature*. 30.

Associations between past infectious mononucleosis diagnosis and 47 inflammatory and vascular stress biomarkers

Kristjánsson, R. P., Dietz, J.B.-N., Davíðsson, Ó. B., Kjerulff, B., Rostgaard, K., Dowsett, J., Sjøgaard, S. H., Rotbain, E. C., Schwinn, M., Burgdorf, K. S., Bay, J. T., Mikkelsen, C., Ullum, H., Brunak, S., Sørensen, E., Jensen, B. A., Bruun, M. T., Nyegaard, M., Ostrowski, S. R. & Pedersen, O. B. & 3 others, Erikstrup, C., Hansen, T. F. & Hjalgrim, H., 2 Apr 2025, In: *Scientific Reports*. 15, 1, p. 11312 11312.

Trigeminal neuralgia and its comorbidities: a nationwide disease trajectory study

Worm, J., Jørgensen, I. F., Davíðsson, Ó. B., Hjalgrim, H., Röder, T., Ostrowski, S. R., Pedersen, O. B., Erikstrup, C., Bruun, M. T., Jensen, B. A., Sørensen, E., Ullum, H., Björnsdóttir, G., Thorgeirsson, T., Stefánsson, H., Sveinsson, Ó. Á., Stefánsson, K., Schytz, H. W., Bendtsen, L. & Brunak, S. & 3 others, Hansen, T. F., Maarbjerg, S. & DBDS Genomic Consortium, 1 Apr 2025, In: *Pain*. 166, 4, p. 879-887 9 p.

A genome-wide association meta-analysis links hidradenitis suppurativa to common and rare sequence variants causing disruption of the Notch and Wnt/ β -catenin signaling pathways

Andersen, R. K., Stefansdottir, L., Riis, P. T., Halldorsson, G., Feringstad, E., Oddsson, A., Walters, G. B., Olafsdottir, T. A., Rutsdottir, G., Zachariae, C., Thomsen, S. F., Brodersen, T., Dinh, K. M., Knowlton, K. U., Knight, S., Nadauld, L. D., Banasik, K., Brunak, S., Hansen, T. F. & Hjalgrim, H. & 23 others, Sørensen, E., Mikkelsen, C., Ullum, H., Nyegaard, M., Bruun, M. T., Erikstrup, C., Ostrowski, S. R., Eidsmo, L., Saunte, D. M. L., Sigurgeirsson, B., Orvar, K. B., Saemundsdottir, J., Melsted, P., Norddahl, G. L., Sulem, P., Stefansson, H., Holm, H., Gudbjartsson, D., Thorleifsson, G., Jonsdottir, I., Pedersen, O. B. V., Jemec, G. B. E. & Stefansson, K., Apr 2025, In: *Journal of the American Academy of Dermatology*. 92, 4, p. 761-772 12 p.

Lost earnings among triptan non-responders in the general population of Denmark: a measure of disproportionate migraine-attributed burden and of unrecognised and unmet treatment need

Ashina, M., Steiner, T. J., Hansen, J. M., Hauberg, D. S., Lønberg, U. S., Spanggaard, M., Olsen, J., Stallknecht, S. B. & Hansen, T. F., Dec 2025, In: *Journal of Medical Economics*. 28, 1, p. 398-404 7 p.

Impaired health-related quality of life, and depressive symptoms in a cohort of healthy adults with symptoms of Attention Deficit/Hyperactivity Disorder

Hald, A., Pedersen, O. B., Burgdorf, K. S., Thørner, L. W., Mikkelsen, C., Christoffersen, L. A., Ullum, H., Hjalgrim, H., Erikstrup, C., Bruun, M. T., Aagaard, B., Mikkelsen, S., Hansen, T. F., Werge, T., Schork, A. J., Ostrowski, S. R. & Didriksen, M., 3 Mar 2025, In: *European psychiatry : the journal of the Association of European Psychiatrists*. 68, 1, p. e44 40 p., e44.

Distinct Alterations of Inflammatory Biomarkers in Cluster Headache: A Case Control Study

Lund, N. L. T., Westgate, C. S. J., Søborg, M.-L. K., Snoer, A. H., Jensen, R. H., Hansen, T. F. & Petersen, A. S., 21 Feb 2025, (E-pub ahead of print) In: *Annals of Neurology*.

No association between migraine and HLA alleles in a cohort of 13,210 individuals with migraine from the Danish Blood Donor Study

Tummoszeit, I. Z., Olofsson, I. A., Chalmer, M. A., Henriksen, A. P., Aagaard, B., Brunak, S., Bruun, M. T., Didriksen, M., Erikstrup, C., Hjalgrim, H., Mikkelsen, C., Mikkelsen, S., Ostrowski, S. R., Pedersen, O. B. V., Quinn, L., Sørensen, E., Ullum, H., Olesen, J., Banasik, K. & Hansen, T. F. & 2 others, Kogelman, L. J. A. & DBDS Genomic consortium group, Jan 2025, In: *Headache*. 65, 1, p. 124-131 8 p.

Novel loci and biomedical consequences of iron homeostasis variation

Allara, E., Bell, S., Smith, R., Keene, S. J., Gill, D., Gaziano, L., Morselli Gysi, D., Wang, F., Tragante, V., Mason, A., Karthikeyan, S., Lumbers, R. T., Bonglack, E., Ouwehand, W., Roberts, D. J., Dowsett, J., Ostrowski, S. R., Larsen, M. H., Ullum, H. & Pedersen, O. B. & 32 others, Brunak, S., Banasik, K., Erikstrup, C., Mitchell, J., Fuchsberger, C., Pattaro, C., Pramstaller, P. P., Girelli, D., Arvas, M., Toivonen, J., Molnos, S., Peters, A., Polasek, O., Rudan, I., Hayward, C., McDonnell, C., Pirastu, N., Wilson, J. F., van den Hurk, K., Quee, F., Ferrucci, L., Bandinelli, S., Tanaka, T., Grotto, G., Concas, M. P., Pecori, A., Verweij, N., van der Harst, P., van de Vegte, Y. J., Kiemeny, L. A., DBDS Genomic Consortium & Hansen, T. F. (Member of study group), 6 Dec 2024, In: *Communications biology*. 7, 1, 1631.

HMG-CoA reductase is a potential therapeutic target for migraine: a mendelian randomization study

Qu, K., Li, M. X., Yu, P., Wu, B. H., Shi, M., Dong, M., Olesen, J. (Member of study group), Kogelman, L. J. A. (Member of study group), Chalmer, M. A. (Member of study group) & Hansen, T. F. (Member of study group), Dec 2024, In: *Scientific Reports*. 14, 1, 12094.

Corroborating written history with ancient DNA: The case of the Well-man described in an Old Norse saga

Ellegaard, M. R., Ebenesersdóttir, S. S., Moore, K. H. S., Petersén, A., Vågene, Å. J., Bieker, V. C., Denham, S. D., Cavalleri, G. L., Gilbert, E., Werge, T., Hansen, T. F., Kockum, I., Alfredsson, L., Olsson, T., Hovig, E., Gilbert, M. T. P., Stefánsson, K., Stenøien, H. K., Helgason, A. & Martin, M. D., 15 Nov 2024, In: *iScience*. 27, 11, 111076.

Longitudinal metabolite and protein trajectories prior to diabetes mellitus diagnosis in Danish blood donors: a nested case-control study

Lundgaard, A. T., Westergaard, D., Röder, T., Burgdorf, K. S., Larsen, M. H., Schwinn, M., Thørner, L. W., Sørensen, E., Nielsen, K. R., Hjalgrim, H., Erikstrup, C., Kjerulff, B. D., Hindhede, L., Hansen, T. F., Nyegaard, M., Birney, E., Stefánsson, H., Stefánsson, K., Pedersen, O. B. V. & Ostrowski, S. R. & 7 others, Rossing, P., Ullum, H., Mortensen, L. H., Vistisen, D., Banasik, K., Brunak, S. & DBDS Genomic Consortium, Oct 2024, In: *Diabetologia*. 67, 10, p. 2289-2303 15 p.

SMIM1 absence is associated with reduced energy expenditure and excess weight

Stefanucci, L., Moslemi, C., Tomé, A. R., Virtue, S., Bidault, G., Gleadall, N. S., Watson, L. P. E., Kwa, J. E., Burden, F., Farrow, S., Chen, J., Vösa, U., Burling, K., Walker, L., Ord, J., Barker, P., Warner, J., Fray, A., Renhstrom, K. & Ashford, S. E. & 31 others, Piper, J., Biggs, G., Erber, W. N., Hoffman, G. J., Schoenmakers, N., Erikstrup, C., Rieneck, K., Dziegiel, M. H., Ullum, H., Azzu, V., Vacca, M., Aparicio, H. J., Hui, Q., Cho, K., Sun, Y. V., Wilson, P. W., Bayraktar, O. A., Vidal-Puig, A., Ostrowski, S. R., Astle, W. J., Olsson, M. L., Storry, J. R., Pedersen, O. B., Ouwehand, W. H., Chatterjee, K., Vuckovic, D., Frontini, M., DBDS Genetic Consortium, Linneberg, A. (Member of study group), Kogelman, L. (Member of study group) & Hansen, T. F. (Member of study group), 13 Sept 2024, In: *Med (New York, N.Y.)*. 5, 9, p. 1083-1095.e6

Cost of illness and labour market disaffiliation among patients with migraine discontinuing triptan treatment: A Danish nationwide register study from 1995 to 2021

Ashina, M., Steiner, T. J., Hansen, J. M., Hauberg, D. S., Lønberg, U. S., Spanggaard, M., Olsen, J., Stallknecht, S. E. & Hansen, T. F., Sept 2024, In: *Cephalalgia : an international journal of headache*. 44, 9, p. 3331024241269758

Uncovering the heritable components of multimorbidities and disease trajectories using a nationwide cohort

Westergaard, D., Jørgensen, F. H., Waaben, J., Jung, A. W., Lademann, M., Hansen, T. F., Cremers, J., Ostrowski, S. R., Pedersen, O. B. V., Reguant, R., Jørgensen, I. F., Fitzgerald, T., Birney, E., Banasik, K., Mortensen, L., Brunak, S. & Danish Blood Donor Study Genomic Consortium, 28 Aug 2024, In: *Nature Communications*. 15, 1, 11 p., 7457.

Genome-wide association meta-analysis identifies five loci associated with postpartum hemorrhage

Westergaard, D., Steinthorsdottir, V., Stefansdottir, L., Rohde, P. D., Wu, X., Geller, F., Tyrmi, J., Havulinna, A. S., Solé-Navais, P., Flatley, C., Ostrowski, S. R., Pedersen, O. B., Erikstrup, C., Sørensen, E., Mikkelsen, C., Bruun, M. T., Aagaard Jensen, B., Brodersen, T., Ullum, H. & Magnus, P. & 22 others, Andreassen, O. A., Njolstad, P. R., Kolte, A. M., Krebs, L., Nyegaard, M., Hansen, T. F., Feenstra, B., Daly, M., Lindgren, C. M., Thorleifsson, G., Stefansson, O. A., Sveinbjornsson, G., Gudbjartsson, D. F., Thorsteinsdottir, U., Banasik, K., Jacobsson, B., Laik, T., Laivuori, H., Stefansson, K., Brunak, S., Nielsen, H. S. & FinnGen, Aug 2024, In: *Nature Genetics*. 56, 8, p. 1597-1603 7 p.

Metabolic Dysfunction in New-Onset Idiopathic Intracranial Hypertension: Identification of Novel Biomarkers

Korsbæk, J. J., Jensen, R. H., Beier, D., Wibroe, E. A., Hagen, S. M., Molander, L. D., Gillum, M. P., Svart, K., Hansen, T. F., Kogelman, L. J. A. & Westgate, C. S. J., 22 Jun 2024, In: *Annals of Neurology*. 96, 3, p. 595-607 13 p.

Genome-wide association study reveals a locus in ADARB2 for complete freedom from headache in Danish Blood Donors

Olofsson, I. A., Kristjansson, R. P., Callesen, I., Davidsson, O., Winsvold, B., Hjalgrim, H., Ostrowski, S. R., Erikstrup, C., Bruun, M. T., Pedersen, O. B., Burgdorf, K. S., Banasik, K., Sørensen, E., Mikkelsen, C., Didriksen, M., Dinh, K. M., Mikkelsen, S., Brunak, S., Ullum, H. & Chalmer, M. A. & 4 others, Olesen, J., Kogelman, L. J. A., Hansen, T. F. & International Headache Genetic Consortium, 27 May 2024, In: *Communications biology*. 7, 1, 646.

GWAS meta-analysis reveals key risk loci in essential tremor pathogenesis

Skuladottir, A. T., Stefansdottir, L., Halldorsson, G. H., Stefansson, O. A., Bjornsdottir, A., Jonsson, P., Palmadottir, V., Thorgeirsson, T. E., Walters, G. B., Gisladdottir, R. S., Bjornsdottir, G., Jonsdottir, G. A., Sulem, P., Gudbjartsson, D. F., Knowlton, K. U., Jones, D. A., Ottas, A., Pedersen, O. B., Didriksen, M. & Brunak, S. & 13 others, Banasik, K., Hansen, T. F., Erikstrup, C., Haavik, J., Andreassen, O. A., Rye, D., Igland, J., Ostrowski, S. R., Milani, L. A., Nadauld, L. D., Stefansson, H., Stefansson, K. & Estonian Biobank, 26 Apr 2024, In: *Communications biology*. 7, 1, 10 p., 504.

Blood donation and migraine relief: A national population cohort study in Denmark

Davidsson, O. B., Rostgaard, K., Chalmer, M. A., Kogelman, L. J. A., Aagaard, B., Brodersen, T., Bruun, M. T., Mikkelsen, C., Mikkelsen, S., Nyegaard, M., Pedersen, O. B., Ullum, H., Sørensen, E., Ostrowski, S. R., Erikstrup, C., Hansen, T. F. & Hjalgrim, H., Apr 2024, In: *Transfusion*. 64, 4, p. 647-655 9 p.

Variant in the synaptonemal complex protein SYCE2 associates with pregnancy loss through effect on recombination

Steinthorsdottir, V., Halldorsson, B. V., Jonsson, H., Palsson, G., Oddsson, A., Westergaard, D., Arnadottir, G. A., Stefansdottir, L., Banasik, K., Esplin, M. S., Hansen, T. F., Brunak, S., Nyegaard, M., Ostrowski, S. R., Pedersen, O. B. V., Erikstrup, C., Thorleifsson, G., Nadauld, L. D., Haraldsson, A. & Steingrimsdottir, T. & 9 others, Tryggvadottir, L., Jonsdottir, I., Gudbjartsson, D. F., Hoffmann, E. R., Sulem, P., Holm, H., Nielsen, H. S., Stefansson, K. & DBDS genomics consortium, Apr 2024, In: *Nature Structural and Molecular Biology*. 31, 4, p. 710-716 7 p.

Lifestyle and demographic associations with 47 inflammatory and vascular stress biomarkers in 9876 blood donors

Kjerulff, B., Dowsett, J., Jacobsen, R. L., Gladov, J., Larsen, M. H., Lundgaard, A. T., Banasik, K., Westergaard, D., Mikkelsen, S., Dinh, K. M., Hindhede, L., Kaspersen, K. A., Schwinn, M., Juul, A., Poulsen, B., Lindegaard, B., Pedersen, C. B., Sabel, C. E., Bundgaard, H. & Nielsen, H. S. & 30 others, Møller, J. A., Boldsen, J. K., Burgdorf, K. S., Kessing, L. V., Handgaard, L. J., Thørner, L. W., Didriksen, M., Nyegaard, M., Grarup, N., Ødum, N., Johansson, P. I., Jennum, P., Frikke-Schmidt, R., Berger, S. S., Brunak, S., Jacobsen, S., Hansen, T. F., Lundquist, T. K., Hansen, T., Sørensen, T. L., Sigsgaard, T., Nielsen, K. R., Bruun, M. T., Hjalgrim, H., Ullum, H., Rostgaard, K., Sørensen, E., Pedersen, O. B., Ostrowski, S. R. & Erikstrup, C., 16 Mar 2024, In: *Communications medicine*. 4, 1, 15 p., 50.

Investigations of the migraine-provoking effect of levocromakalim in patients with migraine with aura

Thomsen, A. V., Al-Karaghali, M. A.-M., Hougaard, A., Ostrowski, S. R., Pedersen, O. B., Hansen, T. F. & Ashina, M., Mar 2024, In: *Cephalalgia : an international journal of headache*. 44, 3, 1 p.

Variants at the Interleukin 1 Gene Locus and Pericarditis

Thorolfsdottir, R. B., Jonsdottir, A. B., Sveinbjornsson, G., Aegisdottir, H. M., Oddsson, A., Stefansson, O. A., Halldorsson, G. H., Saevarsdottir, S., Thorleifsson, G., Stefansdottir, L., Pedersen, O. B., Sørensen, E., Ghouse, J., Raja, A. A., Zheng, C., Silajdzija, E., Rand, S. A., Erikstrup, C., Ullum, H. & Mikkelsen, C. & 57 others, Banasik, K., Brunak, S., Ivarsdottir, E. V., Sigurdsson, A., Beyter, D., Sturluson, A., Einarsson, H., Tragante, V., Helgason, H., Lund, S. H., Halldorsson, B. V., Sigurpalsdottir, B. D., Olafsson, I., Arnar, D. O., Thorgeirsson, G., Knowlton, K. U., Nadauld, L. D., Gretarsdottir, S., Helgadottir, A., Ostrowski, S. R., Gudbjartsson, D. F., Jonsdottir, I., Bundgaard, H., Holm, H., Sulem, P., Stefansson, K., Danish Blood Donor Study Genomic Consortium, Werge, T. M. (Member of study group), Hansen, T. F. (Member of study group), DBDS Genomic Consortium, Banasik, K. (Member of study group), Bay, J. T. (Member of study group), Boldsen, J. K. (Member of study group), Brodersen, T. (Member of study group), Brunak, S. (Member of study group), Burgdorf, K. (Member of study group), Chalmer, M. A. (Member of study group), Didriksen, M. (Member of study group), Dinh, K. M. (Member of study group), Dowsett, J. (Member of study group), Erikstrup, C. (Member of study group), Feenstra, B. (Member of study group), Geller, F. (Member of study group), Gudbjartsson, D. (Member of study group), Hansen, T. F. (Member of study group), Hindhede, L. (Member of study group), Hjalgrim, H. (Member of study group), Jacobsen, R. L. (Member of study group), Jemec, G. B. E. (Member of study group), Jensen, B. A. (Member of study group), Kjerulff, B. (Member of study group), Kogelman, L. (Member of study group), Larsen, M. A. H. (Member of study group), Louloudis, I. (Member of study group), Lundgaard, A. T. (Member of study group), Mikkelsen, S. (Member of study group) & Mikkelsen, C. (Member of study group), 1 Feb 2024, In: JAMA Cardiology. 9, 2, p. 165-172 8 p.

A genome-wide association study of social trust in 33,882 Danish blood donors

Sequeros, C. B., Hansen, T. F., Westergaard, D., Louloudis, I., Kalamajski, S., Röder, T., Rohde, P. D., Schwinn, M., Clemmensen, L. H., Didriksen, M., Nyegaard, M., Hjalgrim, H., Nielsen, K. R., Bruun, M. T., Ostrowski, S. R., Erikstrup, C., Mikkelsen, S., Sørensen, E., Pedersen, O. B. V. & Brunak, S. & 16 others, Banasik, K., Giordano, G. N., DBDS Genomic Consortium, Chalmer, M. A. (Member of study group), Didriksen, M. (Member of study group), Dowsett, J. (Member of study group), Feenstra, B. (Member of study group), Geller, F. (Member of study group), Hjalgrim, H. (Member of study group), Jacobsen, R. L. (Member of study group), Kogelman, L. (Member of study group), Larsen, M. A. H. (Member of study group), Mikkelsen, C. (Member of study group), Schwinn, M. (Member of study group), Thørner, L. W. (Member of study group) & Westergaard, D. (Member of study group), 16 Jan 2024, In: Scientific Reports. 14, 1, 1402.

Compensated Hypogonadism Identified in Males with Cluster Headache: A Prospective Case-Controlled Study

Petersen, A. S., Kristensen, D. M., Westgate, C. S. J., Folkmann-Hansen, T., Lund, N., Barloese, M., Søborg, M.-L. K., Snoer, A., Johannsen, T. H., Frederiksen, H., Juul, A. & Jensen, R. H., 2024, In: Annals of Neurology. 95, 6, p. 1149-1161 13 p.

Developmental language disorder - heritability and genetic correlations with other disorders affecting language

Nudel, R., Chrsitensen, R. V., Kalnak, N., Lundberg, M., Schwinn, M., Sørensen, E., Mikkelsen, C., Nissen, J., Christoffersen, L. A. N., Kjerulff, B. D., Hansen, T. F., Burgdorf, K. S., Pedersen, O. B. V., Erikstrup, C., Gísladóttir, R. S., Walters, G. B., Stefánsson, H., Ostrowski, S. R., Werge, T. & DBDS Genomic Consortium & 1 others, Banasik, K. (Member of study group), 2024, In: Psychiatry Research. 342, 116212.

Impact of CCR5Δ32 on the risk of infection, Staphylococcus aureus carriage, and plasma concentrations of chemokines in Danish blood donors

Dinh, K. M., Kaspersen, K. A., Mikkelsen, S., Kjerulff, B. D., Boldsen, J. K., Petersen, M. S., Burgdorf, K. S., Sørensen, E., Aagaard, B., Forman-Ankjaer, B., Bruun, M. T., Banasik, K., Hansen, T. F., Nyegaard, M., Rohde, P. D., Brunak, S., Hjalgrim, H., Ostrowski, S. R., Pedersen, O. B. & Ullum, H. & 2 others, Erikstrup, L. T. & Erikstrup, C., 2024, In: EBioMedicine. 109, 105406.

DanMAC5: a browser of aggregated sequence variants from 8,671 whole genome sequenced Danish individuals

Banasik, K., Møller, P. L., Techlo, T. R., Holm, P. C., Walters, G. B., Ingason, A., Rosengren, A., Rohde, P. D., Kogelman, L. J. A., Westergaard, D., Siggaard, T., Chmura, P. J., Chalmer, M. A., Magnússon, Ó. Þ., Þórisson, G. Á., Stefánsson, H., Guðbjartsson, D. F., Stefánsson, K., Olesen, J. & Winther, S. & 5 others, Böttcher, M., Brunak, S., Werge, T., Nyegaard, M. & Hansen, T. F., Dec 2023, In: BMC genomic data. 24, 1, 30.

Genetic prediction of 33 blood group phenotypes using an existing genotype dataset

Moslemi, C., Saekmose, S. G., Larsen, R., Bay, J. T., Brodersen, T., Didriksen, M., Hjalgrim, H., Banasik, K., Nielsen, K. R., Bruun, M. T., Dowsett, J., Dinh, K. M., Mikkelsen, S., Mikkelsen, C., Hansen, T. F., Ullum, H., Erikstrup, C., Brunak, S., Krogfelt, K. A. & Storry, J. R. & 3 others, Ostrowski, S. R., Olsson, M. L. & Pedersen, O. B., Dec 2023, In: Transfusion. 63, 12, p. 2297-2310 14 p.

Multi-omic analyses of triptan-treated migraine attacks gives insight into molecular mechanisms

Kogelman, L. J. A., Falkenberg, K., Ottosson, F., Ernst, M., Russo, F., Stentoft-Hansen, V., Demharter, S., Tfelt-Hansen, P., Cohen, A. S., Olesen, J. & Hansen, T. F., Dec 2023, In: Scientific Reports. 13, 1, 12395.

An atlas of genetic determinants of forearm fracture

Nethander, M., Movérare-Skrtic, S., Kämpe, A., Coward, E., Reimann, E., Grahnmö, L., Borbély, É., Helyes, Z., Funck-Brentano, T., Cohen-Solal, M., Tuukkanen, J., Koskela, A., Wu, J., Li, L., Lu, T., Gabrielsen, M. E., Mägi, R., Hoff, M., Lerner, U. H. & Henning, P. & 31 others, Ullum, H., Erikstrup, C., Brunak, S., Langhammer, A., Tuomi, T., Oddsson, A., Stefánsson, K., Pettersson-Kymmer, U., Ostrowski, S. R., Pedersen, O. B. V., Styrkarsdóttir, U., Mäkitie, O., Hveem, K., Richards, J. B., Ohlsson, C., Estonian Biobank Research Team, Chalmer, M. A. (Member of study group), Hansen, T. F. (Member of study group), Kogelman, L. (Member of study group), Burgdorf, K. S. (Member of study group), Didriksen, M. (Member of study group), Ostrowski, S. R. (Member of study group), Larsen, M. A. H. (Member of study group), Schwinn, M. (Member of study group), DBDS Genomic Consortium, Ullum, H. (Member of study group), Erikstrup, C. (Member of study group), Brunak, S. (Member of study group), Stefánsson, K. (Member of study group), Ostrowski, S. R. (Member of study group) & Pedersen, O. B. (Member of study group), Nov 2023, In: Nature Genetics. 55, 11, p. 1820-1830 11 p.

Genome-wide association meta-analysis identifies risk loci for abdominal aortic aneurysm and highlights PCSK9 as a therapeutic target

Roychowdhury, T., Klarin, D., Levin, M. G., Spin, J. M., Rhee, Y. H., Deng, A., Headley, C. A., Tsao, N. L., Gellatly, C., Zuber, V., Shen, F., Hornsby, W. E., Laursen, I. H., Verma, S. S., Locke, A. E., Einarsson, G., Thorleifsson, G., Graham, S. E., Dikilitas, O. & Pattee, J. W. & 39 others, Judy, R. L., Pauls-Verges, F., Nielsen, J. B., Wolford, B. N., Brumpton, B. M., Dilmé, J., Peypoch, O., Juscafresa, L. C., Edwards, T. L., Li, D., Banasik, K., Brunak, S., Jacobsen, R. L., Garcia-Barrio, M. T., Zhang, J., Rasmussen, L. M., Lee, R., Handa, A., Wanhainen, A., Mani, K., Lindholt, J. S., Obel, L. M., Pedersen, O. B., Christensen, A. H., Iversen, K. K., Eldrup, N., Sillesen, H., Ostrowski, S. R., Bundgaard, H., Ullum, H., DiscovEHR, Damrauer, S. M., Didriksen, M. (Member of study group), Hansen, T. F. (Member of study group), Jennum, P. J. (Member of study group), Johansson, P. I. (Member of study group), Larsen, M. A. H. (Member of study group), Ostrowski, S. R. (Member of study group) & Sørensen, E. (Member of study group), Nov 2023, In: Nature Genetics. 55, 11, p. 1831-1842 12 p.

Rare variants with large effects provide functional insights into the pathology of migraine subtypes, with and without aura

Björnsdóttir, G., Chalmer, M. A., Stefánsdóttir, L., Skuladóttir, A. T., Einarsson, G., Andresdóttir, M., Beyter, D., Ferkingstad, E., Gretarsdóttir, S., Halldorsson, B. V., Halldorsson, G. H., Helgadóttir, A., Helgason, H., Hjorleifsson Eldjarn, G., Jonasdóttir, A., Jonasdóttir, A., Jonsdóttir, I., Knowlton, K. U., Nadauld, L. D. & Lund, S. H. & 32 others, Magnusson, O. T., Melsted, P., Moore, K. H. S., Oddsson, A., Olason, P. I., Sigurdsson, A., Stefánsson, O. A., Saemundsdóttir, J., Sveinbjörnsson, G., Tragante, V., Unnsteinsdóttir, U., Walters, G. B., Zink, F., Rødevand, L., Andreassen, O. A., Igland, J., Lie, R. T., Haavik, J., Banasik, K., Brunak, S., Didriksen, M., T Bruun, M., Erikstrup, C., Kogelman, L. J. A., Sørensen, E., Pedersen, O. B., Ullum, H., Olesen, J., Ostrowski, S. R., Hansen, T. F., DBDS Genetic Consortium & Stefánsson, K., Nov 2023, In: Nature Genetics. 55, 11, p. 1843-1853 11 p.

Cluster headache genome-wide association study and meta-analysis identifies eight loci and implicates smoking as causal risk factor

Winsvold, B. S., Harder, A. V. E., Ran, C., Chalmer, M. A., Dalmasso, M. C., Ferkingstad, E., Tripathi, K. P., Bacchelli, E., Børte, S., Fourier, C., Petersen, A. S., Vijfhuizen, L. S., Magnusson, S. H., O'Connor, E., Björnsdóttir, G., Häppölä, P., Wang, Y.-F., Callesen, I., Kelderman, T. & Gallardo, V. J. & 37 others, de Boer, I., Jennysdóttir Olofsgård, F., Heinze, K., Lund, N., Thomas, L. F., Hsu, C.-L., Pirinen, M., Hautakangas, H., Ribasés, M., Guerzoni, S., Sivakumar, P., Yip, J., Heinze, A., Küçükali, F., Ostrowski, S. R., Pedersen, O. B., Kristoffersen, E. S., Martinsen, A. E., Artigas, M. S., Lagrata, S., Cainazzo, M. M., Adebimpe, J., Quinn, O., Göbel, C., Cirkel, A., Volk, A. E., Heilmann-Heimbach, S., Wagner, M., Jensen, R. H., Hansen, T. F., HUNT All-In Headache, The International Headache Genetics Consortium, DBDS Genomic Consortium, Jennum, P. J. (Member of study group), Olesen, J. (Member of study group), Kogelman, L. (Member of study group), Burgdorf, K. S. (Member of study group), Cluster Headache Genetics Working Group & Zwart, J. A., Oct 2023, In: Annals of Neurology. 94, 4, p. 713-726 14 p.

The differentiating effect of COVID-19-associated stress on the morbidity of blood donors with symptoms of hidradenitis suppurativa, hyperhidrosis, or psoriasis

Henning, M. A. S., Didriksen, M., Ibler, K. S., Ostrowski, S. R., Erikstrup, C., Nielsen, K., Sækmose, S. G., Hansen, T. F., Ullum, H., Thørner, L. W., Kaspersen, K. A., Mikkelsen, S., Jemec, G. B. E. & Pedersen, O. B., Oct 2023, In: Quality of life research : an international journal of quality of life aspects of treatment, care and rehabilitation. 32, 10, p. 2925-2937 13 p.

Klinisk anvendelse af polygene risikoscorer

Terkelsen, T., Hansen, T. F., Herlin, M. K., Djursby, M., Nyegaard, M., Pedersen, I. S., Lildballe, D. L., Færgeman, S. L., Sunde, L. & Hauberg, M. E., 25 Sept 2023, In: Ugeskrift for Læger. 185, 39, V04230258.

Complex effects of sequence variants on lipid levels and coronary artery disease

Snaebjarnarson, A. S., Helgadóttir, A., Arnadóttir, G. A., Ivarsdóttir, E. V., Thorleifsson, G., Ferkingstad, E., Einarsson, G., Sveinbjörnsson, G., Thorgeirsson, T. E., Ulfarsson, M. O., Halldorsson, B. V., Olafsson, I., Erikstrup, C., Pedersen, O. B., Nyegaard, M., Bruun, M. T., Ullum, H., Brunak, S., Iversen, K. K. & Christensen, A. H. & 15 others, Olesen, M. S., Ghouse, J., Banasik, K., Knowlton, K. U., Arnar, D. O., Thorgeirsson, G., Nadauld, L., Ostrowski, S. R., Bundgaard, H., Holm, H., Sulem, P., Stefansson, K., Gudbjartsson, D. F., DBDS Genomic Consortium & Hansen, T. F. (Member of study group), 14 Sept 2023, In: Cell. 186, 19, p. 4085-4099.e15

A second update on mapping the human genetic architecture of COVID-19

COVID-19 Host Genetics Initiative, Werge, T. M. (Member of study group), Burgdorf, K. S. (Member of study group), Hansen, T. F. (Member of study group), Hjalgrim, H. (Member of study group), Ostrowski, S. R. (Member of study group), Nissen, J. (Member of study group), Nielsen, S. D. (Member of study group), Feldt-Rasmussen, U. (Member of study group), Grønbæk, K. (Member of study group) & Banasik, K. (Member of study group), 7 Sept 2023, In: Nature. 621, 7977, p. E7-E26

Symptoms of attention deficit hyperactivity disorder are associated with Hidradenitis suppurativa in Danish blood donors

Lindsø Andersen, P., Villumsen, B., Saunte, D. M. L., Burgdorf, K. S., Didriksen, M., Ostrowski, S. R., Thørner, L. W., Erikstrup, C., Dinh, K. M., Nielsen, K. R., Brodersen, T., Bruun, M. T., Banasik, K., Hansen, T. F., Pedersen, O. B. & Jemec, G. B., Sept 2023, In: Archives of Dermatological Research. 315, 7, p. 1989-1994 6 p.

Pregnancy-Associated Bleeding and Genetics: Five Sequence Variants in the Myometrium and Progesterone Signaling Pathway are associated with postpartum hemorrhage

Westergaard, D., Steinthorsdóttir, V., Stefansdóttir, L., Rohde, P. D., Wu, X., Geller, F., Tyrmi, J., Havulinna, A. S., Navais, P. S., Flatley, C., Ostrowski, S. R., Pedersen, O. B., Erikstrup, C., Sørensen, E., Mikkelsen, C., Brun, M. T., Jensen, B. A., Brodersen, T., Ullum, H. & Magnus, P. & 22 others, Andreassen, O. A., Njolstad, P. R., Kolte, A. M., Krebs, L., Nyegaard, M., Hansen, T. F., Fenster, B., Daly, M., Lindgren, C. M., Thorleifsson, G., Stefansson, O. A., Sveinbjörnsson, G., Gudbjartsson, D. F., Thorsteinsdóttir, U., Banasik, K., Jacobsson, B., Laisk, T., Laivuori, H., Stefansson, K., Brunak, S., Nielsen, H. S. & FinnGen, 15 Aug 2023, (medRxiv : the preprint server for health sciences).

Schizophrenia-associated somatic copy-number variants from 12,834 cases reveal recurrent NRXN1 and ABCB1 disruptions

Maury, E. A., Sherman, M. A., Genovese, G., Gilgenast, T. G., Kamath, T., Burris, S. J., Rajarajan, P., Flaherty, E., Akbarian, S., Chess, A., McCarroll, S. A., Loh, P. R., Phillips-Cremins, J. E., Brennand, K. J., Macosko, E. Z., Walters, J. T. R., O'Donovan, M., Sullivan, P., Marshall, C. R. & Merico, D. & 32 others, Thiruvahindrapuram, B., Wang, Z., Scherer, S. W., Howrigan, D. P., Ripke, S., Bulik-Sullivan, B., Farh, K. H., Fromer, M., Goldstein, J. I., Huang, H., Lee, P., Daly, M. J., Neale, B. M., Belliveau, R. A., Bergen, S. E., Bevilacqua, E., Chambert, K. D., O'Dushlaine, C., Scolnick, E. M., Smoller, J. W., Moran, J. L., Bertalan, M. (Member of study group), Hansen, T. (Member of study group), Olsen, L. (Member of study group), Rasmussen, H. B. (Member of study group), Werge, T. (Member of study group), Pantelis, C. (Member of study group), Meier, S. (Member of study group), Pers, T. H. (Member of study group), Hansen, M. (Member of study group), Brain Somatic Mosaicism Network & Psychiatric Genomic Consortium Schizophrenia and CNV workgroup, 9 Aug 2023, In: Cell genomics. 3, 8, 100356.

Migraine, chronic kidney disease and kidney function: observational and genetic analyses

Zhang, W., Zhang, L., Yang, L., Xiao, C., Wu, X., Yan, P., Cui, H., Yang, C., Zhu, J., Wu, X., Tang, M., Wang, Y., Chen, L., Liu, Y., Zou, Y., Zhang, L., Yang, C., Yao, Y., Li, J. & Liu, Z. & 7 others, Zhang, B., Jiang, X., International Headache Genetics Consortium, Chalmer, M. A. (Member of study group), Hansen, T. F. (Member of study group), Kogelman, L. (Member of study group) & Olesen, J. (Member of study group), Aug 2023, In: Human Genetics. 142, 8, p. 1185-1200 16 p.

A causal effects of gut microbiota in the development of migraine

He, Q., Wang, W., Xiong, Y., Tao, C., Ma, L., Ma, J., You, C., International Headache Genetics Consortium, Chalmer, M. A. (Member of study group), Hansen, T. F. (Member of study group), Kogelman, L. (Member of study group) & Olesen, J. (Member of study group), 17 Jul 2023, In: Journal of Headache and Pain. 24, 1, 90.

Deep integrative models for large-scale human genomics

Sigurdsson, A. I., Louloudis, I., Banasik, K., Westergaard, D., Winther, O., Lund, O., Ostrowski, S. R., Erikstrup, C., Pedersen, O. B. V., Nyegaard, M., Brunak, S., Vilhjálmsson, B. J., Rasmussen, S., DBDS Genomic Consortium, Chalmer, M. A. (Member of study group), Didriksen, M. (Member of study group), Dowsett, J. (Member of study group), Hansen, T. F. (Member of study group) & Kogelman, L. (Member of study group), 7 Jul 2023, In: *Nucleic Acids Research*. 51, 12, p. e67

Publisher Correction: Deficit of homozygosity among 1.52 million individuals and genetic causes of recessive lethality (Nature Communications, (2023), 14, 1, (3453), 10.1038/s41467-023-38951-2)

Oddsson, A., Sulem, P., Sveinbjornsson, G., Arnadottir, G. A., Steinthorsdottir, V., Halldorsson, G. H., Atlason, B. A., Oskarsson, G. R., Helgason, H., Nielsen, H. S., Westergaard, D., Karjalainen, J. M., Katrinardottir, H., Fridriksdottir, R., Jensson, B. O., Tragante, V., Ferkingstad, E., Jonsson, H., Gudjonsson, S. A. & Beyter, D. & 31 others, Moore, K. H. S., Thordardottir, H. B., Kristmundsdottir, S., Stefansson, O. A., Rantapää-Dahlqvist, S., Sonderby, I. E., Didriksen, M., Stridh, P., Haavik, J., Tryggvadottir, L., Frei, O., Walters, G. B., Kockum, I., Hjalgrim, H., Olafsdottir, T. A., Selbaek, G., Nyegaard, M., Erikstrup, C., Brodersen, T., Saevarsdottir, S., Olsson, T., Nielsen, K. R., Haraldsson, A., Bruun, M. T., Hansen, T. F., Steingrimsdottir, T., Jacobsen, R. L., Brunak, S., Pedersen, O. B., Ostrowski, S. R. & DBDS Genomic Consortium, 3 Jul 2023

Deficit of homozygosity among 1.52 million individuals and genetic causes of recessive lethality

Oddsson, A., Sulem, P., Sveinbjornsson, G., Arnadottir, G. A., Steinthorsdottir, V., Halldorsson, G. H., Atlason, B. A., Oskarsson, G. R., Helgason, H., Nielsen, H. S., Westergaard, D., Karjalainen, J. M., Katrinardottir, H., Fridriksdottir, R., Jensson, B. O., Tragante, V., Ferkingstad, E., Jonsson, H., Gudjonsson, S. A. & Beyter, D. & 31 others, Moore, K. H. S., Thordardottir, H. B., Kristmundsdottir, S., Stefansson, O. A., Rantapää-Dahlqvist, S., Sonderby, I. E., Didriksen, M., Stridh, P., Haavik, J., Tryggvadottir, L., Frei, O., Walters, G. B., Kockum, I., Hjalgrim, H., Olafsdottir, T. A., Selbaek, G., Nyegaard, M., Erikstrup, C., Brodersen, T., Saevarsdottir, S., Olsson, T., Nielsen, K. R., Haraldsson, A., Bruun, M. T., Hansen, T. F., Steingrimsdottir, T., Jacobsen, R. L., Brunak, S., Pedersen, O. B., Ostrowski, S. R. & DBDS Genomic Consortium, 10 Jun 2023, In: *Nature Communications*. 14, 1, 3453.

Cohort Profile: The Danish Blood Donor Study

Erikstrup, C., Sørensen, E., Nielsen, K. R., Bruun, M. T., Petersen, M. S., Rostgaard, K., Thørner, L. W., Larsen, M., Mikkelsen, S., Dinh, K. M., Schwinn, M., Rigas, A. S., Didriksen, M., Dowsett, J., von Stemmann, J. H., Brodersen, T., Paulsen, I. W., Hindhede, L., Sækmose, S. G. & Kaspersen, K. A. & 10 others, Boldsen, J. K., Kjerulff, B., Werge, T., Brunak, S., Banasik, K., Hansen, T. F., Ullum, H., Hjalgrim, H., Ostrowski, S. R. & Pedersen, O. B., 1 Jun 2023, In: *International Journal of Epidemiology*. 52, 3, p. e162-e171

Sex differences in clinical characteristics of migraine and its burden: A population-based study

Chalmer, M. A., Kogelman, L. J. A., Callesen, I., Christensen, C. G., Techlo, T. R., Møller, P. L., Davidsson, O. B., Olofsson, I. A., Schwinn, M., Mikkelsen, S., Dinh, K. M., Nielsen, K., Topholm, M., Erikstrup, C., Ostrowski, S. R., Pedersen, O. B., Hjalgrim, H., Banasik, K., Burgdorf, K. S. & Nyegaard, M. & 3 others, Olesen, J., Hansen, T. F. & DBDS Genomic Consortium, Jun 2023, In: *European Journal of Neurology*. 30, 6, p. 1774-1784 11 p.

Two Novel Human Leukocyte Antigen Alleles Are Associated with Decreased Risk of Onychomycosis in a Large Cohort of Danish Blood Donors

Lindsø Andersen, P., Jemec, G. B. E., Erikstrup, C., Didriksen, M., Dinh, K. M., Mikkelsen, S., Bruun, M. T., Hjalgrim, H., Hansen, T. F., Sækmose, S. G., Ostrowski, S. R., Pedersen, O. B. & Saunte, D. M., Jun 2023, In: *Skin appendage disorders*. 9, 3, p. 195-202 8 p.

Population-Based Characterization of Menstrual Migraine and Proposed Diagnostic Criteria

Chalmer, M. A., Kogelman, L. J. A., Ullum, H., Sørensen, E., Didriksen, M., Mikkelsen, S., Dinh, K. M., Brodersen, T., Nielsen, K. R., Bruun, M. T., Banasik, K., Brunak, S., Erikstrup, C., Pedersen, O. B., Ostrowski, S. R., Olesen, J. & Hansen, T. F., 1 May 2023, In: *JAMA network open*. 6, 5, e2313235.

Cluster headache polygenetic risk and known functional variants of CYP3A4 are not associated with treatment response

Petersen, A. S., Barloese, M., Lund, N., Pedersen, A. F., Søborg, M.-L. K., Chalmer, M. A., Callesen, I., Winsvold, B. S., Zwart, J.-A., Ostrowski, S. R., Pedersen, O. B., Sellebjerg, F., Søndergaard, H. B., Hansen, M. B., Jensen, R. H., Hansen, T. F. & DBDS Genomic Consortium, May 2023, In: *European Journal of Neurology*. 30, 5, p. 1425-1434 10 p.

Developmental language disorder - a comprehensive study of more than 46,000 individuals

Nudel, R., Christensen, R. V., Kalnak, N., Schwinn, M., Banasik, K., Dinh, K. M., Erikstrup, C., Pedersen, O. B., Burgdorf, K. S., Ullum, H., Ostrowski, S. R., Hansen, T. F., Werge, T. & DBDS Genomic Consortium, May 2023, In: *Psychiatry*

Human leukocyte antigen system associations in Malassezia-related skin diseases

Lindsø Andersen, P., Jemec, G. B., Erikstrup, C., Didriksen, M., Dinh, K. M., Mikkelsen, S., Sørensen, E., Nielsen, K. R., Bruun, M. T., Hjalgrim, H., Hansen, T. F., Sækmose, S. G., Ostrowski, S. R., Saunte, D. M. L., Pedersen, O. B. & DBDS Genetic Consortium, May 2023, In: Archives of Dermatological Research. 315, 4, p. 895-902 8 p.

Migraine, inflammatory bowel disease and celiac disease: A Mendelian randomization study

Welander, N. Z., Rukh, G., Rask-Andersen, M., Harder, A. V. E., van den Maagdenberg, A. M. J. M., Schiöth, H. B., Mwinyi, J., International Headache Genetics Consortium, Ingason, A. (Member of study group), Esserlind, A.-L. (Member of study group), Christensen, A. F. (Member of study group), Hansen, T. F. (Member of study group), Werge, T. M. (Member of study group) & Olesen, J. (Member of study group), May 2023, In: Headache. 63, 5, p. 642-651 10 p.

Experience of loneliness during the COVID-19 pandemic: a cross-sectional study of 50 968 adult Danes

Christoffersen, L. A., Helenius, D., Schwinn, M., Erikstrup, C., Hjalgrim, H., Nissen, J., Banasik, K., Nielsen, K., Kaspersen, K. A., Dinh, K. M., Bruun, M. T., Ostrowski, S. R., Sækmose, S., Hansen, T. F., Werge, T., Didriksen, M. & Pedersen, O. B., 26 Apr 2023, In: BMJ Paediatrics Open. 13, 4, p. e064033 e064033.

Genetic variants associated with syncope implicate neural and autonomic processes

Aegisdóttir, H. M., Thorólfssdóttir, R. B., Sveinbjörnsson, G., Stefánsson, O. A., Gunnarsson, B., Tragante, V., Thorleifsson, G., Stefánsdóttir, L., Thorgeirsson, T. E., Ferkingstad, E., Sulem, P., Norddahl, G., Rutsdóttir, G., Banasik, K., Christensen, A. H., Mikkelsen, C., Pedersen, O. B., Brunak, S., Bruun, M. T. & Erikstrup, C. & 31 others, Jacobsen, R. L., Nielsen, K. R., Sørensen, E., Frigge, M. L., Hjørleifsson, K. E., Ivarsdóttir, E. V., Helgadóttir, A., Gretarsdóttir, S., Steinthorsdóttir, V., Oddsson, A., Eggertsson, H. P., Halldorsson, G. H., Jones, D. A., Anderson, J. L., Knowlton, K. U., Nadauld, L. D., Haraldsson, M., Thorgeirsson, G., Bundgaard, H., Arnar, D. O., Thorsteinsdóttir, U., Gudbjartsson, D. F., Ostrowski, S. R., Holm, H., Stefánsson, K., DBDS Genomic Consortium, Hansen, T. F. (Member of study group), Burgdorf, K. S. (Member of study group), Hjalgrim, H. (Member of study group), Jennum, P. J. (Member of study group) & Ostrowski, S. R. (Member of study group), 21 Mar 2023, In: European Heart Journal. 44, 12, p. 1070-1080 11 p.

DNA-methylation and immunological response in medication overuse headache

Carlsen, L. N., Hansen, C. S., Kogelman, L. J. A., Werge, T. M., Ullum, H., Bybjerg-Grauholm, J., Hansen, T. F. & Jensen, R. H., Mar 2023, In: Cephalalgia : an international journal of headache. 43, 3, p. 3331024221147482

Genome-wide association meta-analysis of knee and hip osteoarthritis uncovers genetic differences between patients treated with joint replacement and patients without joint replacement

Henkel, C., Styrkársdóttir, U., Thorleifsson, G., Stefánsdóttir, L., Björnsdóttir, G., Banasik, K., Brunak, S., Erikstrup, C., Dinh, K. M., Hansen, T. F., Nielsen, K. R., Bruun, M. T., Dowsett, J., Brodersen, T., Thorgeirsson, T. E., Gromov, K., Boesen, M. P., Ullum, H., Ostrowski, S. R. & Pedersen, O. B. & 4 others, Stefánsson, K., Troelsen, A., DBDS Genomic Consortium & Jennum, P. J. (Member of study group), Mar 2023, In: Annals of the Rheumatic Diseases. 82, 3, p. 384-392 9 p., 223199.

The genetic basis of endometriosis and comorbidity with other pain and inflammatory conditions

Rahmioglu, N., Mortlock, S., Ghiasi, M., Møller, P. L., Stefánsdóttir, L., Galarneau, G., Turman, C., Danning, R., Law, M. H., Sapkota, Y., Christofidou, P., Skarp, S., Giri, A., Banasik, K., Krassowski, M., Lepamets, M., Marciniak, B., Nöukas, M., Perro, D. & Sliz, E. & 32 others, Sobalska-Kwapis, M., Thorleifsson, G., Topbas-Selcuki, N. F., Vitonis, A., Westergaard, D., Arnadóttir, R., Burgdorf, K. S., Campbell, A., Cheuk, C. S. K., Clementi, C., Cook, J., De Vivo, I., DiVasta, A., Dorien, O., Donoghue, J. F., Edwards, T., Fontanillas, P., Fung, J. N., Geirsson, R. T., Girling, J. E., Harkki, P., Harris, H. R., Healey, M., Heikinheimo, O., Holdsworth-Carson, S., Hostettler, I. C., Houlden, H., Houshdaran, S., Irwin, J. C., Schork, A. J., DBDS Genomic Consortium & Hansen, T. F. (Member of study group), Mar 2023, In: Nature Genetics. 55, 3, p. 423-436 14 p.

Causal relationships between migraine and microstructural white matter: a Mendelian randomization study

Zhao, L., Zhao, W., Cao, J., Tu, Y., International Headache Genetics Consortium (IHGC), Chalmer, M. A. (Member of study group), Hansen, T. F. (Member of study group) & Olesen, J. (Member of study group), 16 Feb 2023, In: Journal of Headache and Pain. 24, 1, 10.

The genetic history of Scandinavia from the Roman Iron Age to the present

Rodríguez-Varela, R., Moore, K. H. S., Ebenesersdóttir, S. S., Kilinc, G. M., Kjellström, A., Papmehl-Dufay, L., Alfsdotter, C., Berglund, B., Alrawi, L., Kashuba, N., Sobrado, V., Lagerholm, V. K., Gilbert, E., Cavalleri, G. L., Hovig, E., Kockum, I.,

Olsson, T., Alfredsson, L., Hansen, T. F. & Werge, T. & 24 others, Munters, A. R., Bernhardsson, C., Skar, B., Christophersen, A., Turner-Walker, G., Gopalakrishnan, S., Daskalaki, E., Omrak, A., Pérez-Ramallo, P., Skoglund, P., Girdland-Flink, L., Gunnarsson, F., Hedenstierna-Jonson, C., Gilbert, M. T. P., Lidén, K., Jakobsson, M., Einarsson, L., Victor, H., Krzewińska, M., Zachrisson, T., Storå, J., Stefánsson, K., Helgason, A. & Götherström, A., 5 Jan 2023, In: *Cell*. 186, 1, p. 32-46.e19 35 p.

A large cohort study of the effects of Lewis, ABO, 13 other blood groups and secretor status on COVID-19 susceptibility, severity, and long COVID-19

Moslemi, C., Saekmose, S., Larsen, R., Brodersen, T., Didriksen, M., Hjalgrim, H., Banasik, K., Nielsen, K. R., Bruun, M. T., Dowsett, J., Kasperen, K. A., Mikkelsen, S., Hansen, T. F., Ullum, H., Erikstrup, C., Olsson, M. L., Ostrowski, S. R. & Pedersen, O. B., Jan 2023, In: *Transfusion*. 63, 1, p. 47-58 12 p.

Cholesterol not particle concentration mediates the atherogenic risk conferred by apolipoprotein B particles - A Mendelian randomization analysis

Helgadóttir, A., Thorleifsson, G., Snaebjarnarson, A., Stefánsdóttir, L., Sveinbjörnsson, G., Tragante, V., Björnsson, E., Steinthorsdóttir, V., Gretarsdóttir, S., Helgason, H., Saemundsdóttir, J., Olafsson, I., Thune, J. J., Axelsson Raja, A., Ghouse, J., Olesen, M. S., Christensen, A., Jacobsen, R. L., Dowsett, J. & Bruun, M. T. & 19 others, Nielsen, K., Knowlton, K., Nadauld, L., Benediktsson, R., Erikstrup, C., Pedersen, O. B., Banasik, K., Brunak, S., Bundgaard, H., Ostrowski, S. R., Sulem, P., Arnar, D. O., Thorgeirsson, G., Thorsteinsdóttir, U., Gudbjartsson, D. F., Stefánsson, K., Holm, H., DBDS Genomic Consortium & Hansen, T. F., 21 Dec 2022, In: *European Journal of Preventive Cardiology*. 29, 18, p. 2374-2385 12 p.

Author Correction: Rare SLC13A1 variants associate with intervertebral disc disorder highlighting role of sulfate in disc pathology (Nature Communications, (2022), 13, 1, (634), 10.1038/s41467-022-28167-1)

Björnsdóttir, G., Stefánsdóttir, L., Thorleifsson, G., Sulem, P., Norland, K., Feringstad, E., Oddsson, A., Zink, F., Lund, S. H., Nawaz, M. S., Bragi Walters, G., Skuladóttir, A. T., Gudjonsson, S. A., Einarsson, G., Halldorsson, G. H., Bjarnadóttir, V., Sveinbjörnsson, G., Helgadóttir, A., Styrkarsdóttir, U. & Gudmundsson, L. J. & 25 others, Pedersen, O. B., Hansen, T. F., Werge, T., Banasik, K., Troelsen, A., Skou, S. T., Thøner, L. W., Erikstrup, C., Nielsen, K. R., Mikkelsen, S., Jonsdóttir, I., Björnsson, A., Olafsson, I. H., Ulfarsson, E., Blondal, J., Vikingsson, A., Brunak, S., Ostrowski, S. R., Ullum, H., Thorsteinsdóttir, U., Stefánsson, H., Gudbjartsson, D. F., Thorgeirsson, T. E., Stefánsson, K. & DBDS Genetic Consortium, 1 Dec 2022, 3 p.

Rare SLC13A1 variants associate with intervertebral disc disorder highlighting role of sulfate in disc pathology

Björnsdóttir, G., Stefánsdóttir, L., Thorleifsson, G., Sulem, P., Norland, K., Feringstad, E., Oddsson, A., Zink, F., Lund, S. H., Nawaz, M. S., Bragi Walters, G., Skuladóttir, A. T., Gudjonsson, S. A., Einarsson, G., Halldorsson, G. H., Bjarnadóttir, V., Sveinbjörnsson, G., Helgadóttir, A., Styrkarsdóttir, U. & Gudmundsson, L. J. & 26 others, Pedersen, O. B., Hansen, T. F., Werge, T., Banasik, K., Troelsen, A., Skou, S. T., Thøner, L. W., Erikstrup, C., Nielsen, K. R., Mikkelsen, S., Jonsdóttir, I., Björnsson, A., Olafsson, I. H., Ulfarsson, E., Blondal, J., Vikingsson, A., Brunak, S., Ostrowski, S. R., Ullum, H., Thorsteinsdóttir, U., Stefánsson, H., Gudbjartsson, D. F., Thorgeirsson, T. E., Stefánsson, K., DBDS Genetic Consortium & Johansson, P. I. (Member of study group), 1 Dec 2022, In: *Nature Communications*. 13, 1, p. 1-13 13 p., 634.

Prevalence of major depressive disorder in 51,658 otherwise healthy adult Danes: Sex differences in symptomatology and prediction of future anti-depressive medication

Mikkelsen, C., Larsen, M. A. H., Sørensen, E., Hansen, T. F., Mikkelsen, S., Erikstrup, C., Nielsen, K. R., Bruun, M. T., Hjalgrim, H., Kessing, L. V., Werge, T., Ullum, H., Ostrowski, S. R., Pedersen, O. B., Thøner, L. W. & Didriksen, M., Dec 2022, In: *Psychiatry Research*. 318, p. 1-7 7 p., 114944.

The population genomic legacy of the second plague pandemic

Gopalakrishnan, S., Ebenesersdóttir, S. S., Lundstrøm, I. K. C., Turner-Walker, G., Moore, K. H. S., Luisi, P., Margaryan, A., Martin, M. D., Ellegaard, M. R., Magnússon, Ó. Þ., Sigurðsson, Á., Snorradóttir, S., Magnúsdóttir, D. N., Laffoon, J. E., van Dorp, L., Liu, X., Moltke, I., Ávila-Arcos, M. C., Schraiber, J. G. & Rasmussen, S. & 40 others, Juan, D., Gelabert, P., de-Dios, T., Fotakis, A. K., Iraeta-Orbegozo, M., Vågane, Å. J., Denham, S. D., Christophersen, A., Stenøien, H. K., Vieira, F. G., Liu, S., Günther, T., Kivisild, T., Moseng, O. G., Skar, B., Cheung, C., Sandoval-Velasco, M., Wales, N., Schroeder, H., Campos, P. F., Guðmundsdóttir, V. B., Sicheritz-Ponten, T., Petersen, B., Halgunset, J., Gilbert, E., Cavalleri, G. L., Hovig, E., Kockum, I., Olsson, T., Alfredsson, L., Hansen, T. F., Werge, T., Willerslev, E., Balloux, F., Marques-Bonet, T., Lalueza-Fox, C., Nielsen, R., Stefánsson, K., Helgason, A. & Gilbert, M. T. P., 7 Nov 2022, In: *Current Biology*. 32, 21, p. 4743-4751.e6 9 p.

Sveinbjornsson, G., Ulfarsson, M. O., Thorolfsdottir, R. B., Jonsson, B. A., Einarsson, E., Gunnlaugsson, G., Rognvaldsson, S., Arnar, D. O., Baldvinsson, M., Bjarnason, R. G., Eiriksdottir, T., Erikstrup, C., Ferkingstad, E., Halldorsson, G. H., Helgason, H., Helgadottir, A., Hindhede, L., Hjorleifsson, G., Jones, D. & Knowlton, K. U. & 41 others, Lund, S. H., Melsted, P., Norland, K., Olafsson, I., Olafsson, S., Oskarsson, G. R., Ostrowski, S. R., Pedersen, O. B., Snaebjarnarson, A. S., Sigurdsson, E., Steinthorsdottir, V., Schwinn, M., Thorgeirsson, G., Thorleifsson, G., Jonsdottir, I., Bundgaard, H., Nadauld, L., Bjornsson, E. S., Rulifson, I. C., Rafnar, T., Norddahl, G. L., Thorsteinsdottir, U., Sulem, P., Gudbjartsson, D. F., Holm, H., Stefansson, K., DBDS Genomic Consortium, Didriksen, M. (Member of study group), Hansen, T. F. (Member of study group), Jennum, P. J. (Member of study group), Johansson, P. I. (Member of study group), Ostrowski, S. R. (Member of study group), Sørensen, E. (Member of study group), Ullum, H. (Member of study group), DBDS Genomic Consortium, Erikstrup, C. (Member of study group), Pedersen, O. B. (Member of study group), Thorsteinsdottir, U. (Member of study group), Gudbjartsson, D. F. (Member of study group), Holm, H. (Member of study group) & Stefansson, K. (Member of study group), Nov 2022, In: Nature Genetics. 54, 11, p. 1652-1663 12 p.

Andreasen, L., Ahlberg, G., Ægisdóttir, H. M., Sveinbjörnsson, G., Lundegaard, P. R., Hartmann, J. P., Paludan-Müller, C., Hadji-Turdegghal, K., Ghouse, J., Pehrson, S., Jensen, H. K., Riahi, S., Hansen, J., Sandgaard, N., Sørensen, E., Banasik, K., Sækmose, S. G., Bruun, M. T., Hjalgrim, H. & Erikstrup, C. & 20 others, Pedersen, O. B., Wittig, M., Haunsø, S., Ostrowski, S. R., Genomic Consortium, D., Franke, A., Brunak, S., Kanfers, J. K., Ellervik, C., Bundgaard, H., Ullum, H., Gudbjartsson, D. F., Thorsteinsdóttir, U., Holm, H., Arnar, D. O., Stefansson, K., Svendsen, J. H., Olesen, M. S., DBDS Genomic Consortium & Hansen, T. F. (Member of study group), 28 Oct 2022, In: *Circulation Research*. 131, 10, p. 862-865 4 p.

Yengo, L., Vedantam, S., Marouli, E., Sidorenko, J., Bartell, E., Sakaue, S., Graff, M., Eliassen, A. U., Jiang, Y., Raghavan, S., Miao, J., Arias, J. D., Graham, S. E., Mukamel, R. E., Spracklen, C. N., Yin, X., Chen, S.-H., Ferreira, T., Highland, H. H. & Ji, Y. & 32 others, Karaderi, T., Lin, K., Lüll, K., Malden, D. E., Medina-Gomez, C., Machado, M., Moore, A., Rüeger, S., Sim, X., Vrieze, S., Ahluwalia, T. S., Akiyama, M., Andersen, M. K., Appadurai, V., Bork-Jensen, J., Burgdorf, K. S., Hansen, T. F., Jørgensen, T., Kårhus, L. L., Liu, X., Møllehave, L. T., Petersen, E. R. B., Petersen, L. V., Bisgaard, H., Bønnelykke, K., Christophersen, I. E., Dantoft, T. M., Hansen, T., Linneberg, A., Werge, T. M., Pedersen, O. B. & 23andMe Research Team, 27 Oct 2022, In: *Nature*. 610, 7933, p. 704-712 9 p.

Christensen, C. G., Techlo, T. R., Kogelman, L. J., Wegner Thøner, L., Nissen, J., Sørensen, E., Olesen, J., Hansen, T. F., Chalmer, M. A. & DBDS Genomic Consortium, Oct 2022, In: *Cephalalgia : an international journal of headache*. 42, 11-12, p. 1160-1171 12 p.

Mitchell, B. L., Diaz-Torres, S., Bivol, S., Cuellar-Partida, G., Gerring, Z. F., Martin, N. G., Medland, S. E., Grasby, K. L., Nyholt, D. R., Rentería, M. E., International Headache Genetics Consortium, Olesen, J. (Member of study group) & Hansen, T. F. (Member of study group), 14 Sept 2022, In: *Brain*. 145, 9, p. 3214-3224 11 p.

Saevarsdottir, S., Stefansdottir, L., Sulem, P., Thorleifsson, G., Ferkingstad, E., Rutsdottir, G., Glintborg, B., Westerlind, H., Grondal, G., Loft, I. C., Sorensen, S. B., Lie, B. A., Brink, M., Årlestig, L., Arnthorsson, A. O., Baecklund, E., Banasik, K., Bank, S., Bjorkman, L. I. & Ellingsen, T. & 39 others, Erikstrup, C., Frei, O., Gjertsson, I., Gudbjartsson, D. F., Gudjonsson, S. A., Halldorsson, G. H., Hendricks, O., Hillert, J., Hogdall, E., Jacobsen, S., Jensen, D. V., Jonsson, H., Kastbom, A., Kockum, I., Kristensen, S., Kristjansdottir, H., Larsen, M. H., Linauskas, A., Hauge, E.-M., Loft, A. G., Ludviksson, B. R., Lund, S. H., Markusson, T., Masson, G., Melsted, P., Ostrowski, S. R., Sørensen, E., Sørensen, I. J., Hetland, M. L., Pedersen, O. B., Burgdorf, K. S. (Member of study group), Hansen, T. F. (Member of study group), Jennum, P. J. (Member of study group), Sørensen, E. (Member of study group), Ullum, H. (Member of study group), Larsen, M. A. H. (Member of study group), Andersen, M. R. (Member of study group), Members of the DBDS Genomic Consortium & Johansson, P. I. (Member of study group), Aug 2022, In: *Annals of the Rheumatic Diseases*. 81, 8, p. 1085-1095 11 p., 221754.

Leffers, H. C. B., Westergaard, D., Saevarsdottir, S., Jonsdottir, I., Pedersen, O. B., Trolborg, A., Voss, A., Kristensen, S., Lindhardtsen, J., Kumar, P., Linauskas, A., Juul, L., Krogh, N. S., Deleuran, B., Dreyer, L., Schwinn, M., Thørner, L. W., Hindhede, L., Erikstrup, C. & Ullum, H. & 6 others, Brunak, S., Stefansson, K., Banasik, K., Jacobsen, S., DBDS Genomic Consortium & Hansen, T. F. (Member of study group), Jul 2022, In: Joint Bone Spine. 89. 4, 3 p., 105357.

Impact of Genetic Testing on Therapeutic Decision-Making in Childhood-Onset Epilepsies-a Study in a Tertiary Epilepsy Center

Bayat, A., Fenger, C. D., Techlo, T. R., Højte, A. F., Nørgaard, I., Hansen, T. F., Rubboli, G., Møller, R. S. & Group, D. C. C. R. S., Jul 2022, In: *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*. 19, 4, p. 1353-1367 15 p.

The sequences of 150,119 genomes in the UK Biobank

Halldorsson, B. V., Eggertsson, H. P., Moore, K. H. S., Hauswedell, H., Eiriksson, O., Ulfarsson, M. O., Palsson, G., Hardarson, M. T., Oddsson, A., Jensson, B. O., Kristmundsdottir, S., Sigurpalsdottir, B. D., Stefansson, O. A., Beyter, D., Holley, G., Tragante, V., Gylfason, A., Olason, P. I., Zink, F. & Asgeirsdottir, M. & 39 others, Sverrisson, S. T., Sigurdsson, B., Gudjonsson, S. A., Sigurdsson, G. T., Halldorsson, G. H., Sveinbjornsson, G., Norland, K., Styrkarsdottir, U., Magnúsdottir, D. N., Snorraddottir, S., Kristinsson, K., Sobech, E., Jonsson, H., Geirsson, A. J., Olafsson, I., Jonsson, P., Pedersen, O. B., Erikstrup, C., Brunak, S., Ostrowski, S. R., Thorleifsson, G., Jonsson, F., Melsted, P., Jonsdottir, I., Rafnar, T., Holm, H., Stefansson, H., Saemundsdottir, J., Gudbjartsson, D. F., Magnusson, O. T., Hansen, T. F. (Member of study group), Jennum, P. J. (Member of study group), Burgdorf, K. S. (Member of study group), Didriksen, M. (Member of study group), Larsen, M. A. H. (Member of study group), Ostrowski, S. R. (Member of study group), Sørensen, E. (Member of study group), DBDS Genetic Consortium & Johansson, P. I. (Member of study group), Jul 2022, In: *Nature*. 607, 7920, p. 732-740 9 p.

Cohort Profile: COVIDMENT: COVID-19 cohorts on mental health across six nations

Unnarsdóttir, A. B., Lovik, A., Fawns-Ritchie, C., Ask, H., Köiv, K., Hagen, K., Didriksen, M., Christoffersen, L. A. N., Garðarsson, A. B., McIntosh, A., Kähler, A. K., Campbell, A., Hauksdóttir, A., Erikstrup, C., Werge, T., Altschul, D., Thordardottir, E. B., Frans, E. M., Kvale, G. & Tómasson, G. & 32 others, Kariis, H. M., Jónsdóttir, H. L., Rúnarsdóttir, H., Magnúsdóttir, I., Eid, J., Jakobsdóttir, J., Nielsen, K. R., Kaspersen, K. A., Milani, L., Trogstad, L.-I. S., Yi, L., Bruun, M. T., Sullivan, P. F., Magnus, P. M., Shen, Q., Nesvåg, R., Brandlistuen, R. E., Mägi, R., Ostrowski, S. R., Løkhammer, S., Solem, S., Reichborn-Kjennerud, T., Hansen, T. F., Werge, T., Aspelund, T., Porteous, D. J., Fang, F., Lehto, K., Andreassen, O. A., Pedersen, O. B. V., Hellard, S. L. & Valdimarsdóttir, U. A., 13 Jun 2022, In: *International Journal of Epidemiology*. 51, 3, p. e108-e122

Headache provocation by nitric oxide in men who have never experienced a headache

Olofsson, I. A., Falkenberg, K., Olesen, J. & Hansen, T. F., Jun 2022, In: *Cephalalgia : an international journal of headache*. 42, 7, p. 598-607 10 p.

Low adherence to the guideline for the acute treatment of migraine

Olesen, A., Schytz, H. W., Ostrowski, S. R., Topholm, M., Nielsen, K., Erikstrup, C., Mikkelsen, S., Pedersen, O. B., Olesen, J., Hansen, T. F. & Chalmer, M. A., 19 May 2022, In: *Scientific Reports*. 12, 1, p. 1-8 8 p., 8487.

Hyperhidrosis and human leucocyte antigens in the Danish Blood Donor Study

As Henning, M., Hother, C. E., Banasik, K., Ibler, K. S., Rye Ostrowski, S., Erikstrup, C., Nielsen, K. R., Ullum, H., Hjalgrim, H., Hansen, T. F., Kaspersen, K. A., Sørensen, B. S., Saekmose, S. G., Jemec, G. B. E. & Pedersen, O. B., May 2022, In: *Scandinavian Journal of Immunology*. 95, 5, p. 1-10 10 p., e13150.

Incidence and remission rates of self-reported hidradenitis suppurativa - A prospective cohort study conducted in Danish blood donors

Kjaersgaard Andersen, R., Loft, I. C., Hansen, T., Hjalgrim, H., Rostgaard, K., Banasik, K., Bruun, M., Nielsen, K., Dinh, K. M., Sørensen, E., Burgdorff, K., Erikstrup, C., Ullum, H., Saunte, D. M., Pedersen, O. B. & Jemec, G. B. E., May 2022, In: *Journal of the European Academy of Dermatology and Venereology : JEADV*. 36, 5, p. 717-725 9 p., 17857.

Genome-wide association study of febrile seizures implicates fever response and neuronal excitability genes

Skotte, L., Fadista, J., Bybjerg-Grauholm, J., Appadurai, V., Hildebrand, M. S., Hansen, T. F., Banasik, K., Grove, J., Albiñana, C., Geller, F., Bjurström, C. F., Vilhjálmsdóttir, B. J., Coleman, M., Damiano, J. A., Burgess, R., Scheffer, I. E., Pedersen, O. B. V., Erikstrup, C., Westergaard, D. & Nielsen, K. R. & 19 others, Sørensen, E., Bruun, M. T., Liu, X., Hjalgrim, H., Pers, T. H., Mortensen, P. B., Mors, O., Nordentoft, M., Dreier, J. W., Børghlum, A. D., Christensen, J., Hougaard, D. M., Buil, A., Hviid, A., Melbye, M., Ullum, H., Berkovic, S. F., Werge, T. & Feenstra, B., 18 Apr 2022, In: *Brain*. 145, 2, p. 555-568 14 p., awab260.

Polygenic risk provides biological validity for the ICHD-3 criteria among Finnish migraine families

Häppölä, P., Gormley, P., Nuottamo, M. E., Artto, V., Sumelahti, M.-L., Nissilä, M., Keski-Säntti, P., Ilmavirta, M., Kaunisto, M. A., Hämäläinen, E. I., Ripatti, S., Pirinen, M., Wessman, M., Palotie, A., Kallela, M., International Headache Genetics Consortium (IHGC), Hansen, T. F. (Member of study group) & Olesen, J. (Member of study group), Apr 2022, In: Cephalalgia : an international journal of headache. 42, 4-5, p. 345-356 12 p.

A genome-wide meta-analysis identifies 50 genetic loci associated with carpal tunnel syndrome

Skuladottir, A. T., Bjornsdottir, G., Ferkingstad, E., Einarsson, G., Stefansdottir, L., Nawaz, M. S., Oddsson, A., Olafsdottir, T. A., Saevarsdottir, S., Walters, G. B., Magnusson, S. H., Bjornsdottir, A., Sveinsson, O. A., Vikingsson, A., Hansen, T. F., Jacobsen, R. L., Erikstrup, C., Schwinn, M., Brunak, S. & Banasik, K. & 13 others, Ostrowski, S. R., Troelsen, A., Henkel, C., Pedersen, O. B., Jonsdottir, I., Gudbjartsson, D. F., Sulem, P., Thorgeirsson, T. E., Stefansson, H., Stefansson, K., DBDS Genetic Consortium, Jennum, P. J. (Member of study group) & Burgdorf, K. S. (Member of study group), 24 Mar 2022, In: Nature Communications. 13, 1, p. 1-9 9 p., 1598.

Interaction Testing and Polygenic Risk Scoring to Estimate the Association of Common Genetic Variants With Treatment Resistance in Schizophrenia

Pardiñas, A. F., Smart, S. E., Willcocks, I. R., Holmans, P. A., Dennison, C. A., Lynham, A. J., Legge, S. E., Baune, B. T., Bigdeli, T. B., Cairns, M. J., Corvin, A., Fanous, A. H., Frank, J., Kelly, B., McQuillin, A., Melle, I., Mortensen, P. B., Mowry, B. J., Pato, C. N. & Periyasamy, S. & 32 others, Rietschel, M., Rujescu, D., Simonsen, C., St Clair, D., Tooney, P., Wu, J. Q., Andreassen, O. A., Kowalec, K., Sullivan, P. F., Murray, R. M., Owen, M. J., MacCabe, J. H., O'Donovan, M. C., Walters, J. T. R., Ajnakina, O., Alameda, L., Barnes, T. R. E., Berardi, D., Bonora, E., Camporesi, S., Cleusix, M., Conus, P., Crespo-Facorro, B., D'Andrea, G., Demjaha, A., Do, K. Q., Doody, G. A., Eap, C. B., Ferchiou, A., Di Forti, M., Genetics Workstream of the Schizophrenia Treatment Resistance and Therapeutic Advances (STRATA) Consortium and the Schizophrenia Working Group of the Psychiatric Genomics Consortium (PGC) & Hansen, T. F. (Member of study group), 1 Mar 2022, In: JAMA Psychiatry. 79, 3, p. 260-269 10 p.

Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors

Mullins, N., Kang, J., Campos, A. I., Coleman, J. R. I., Edwards, A. C., Galfalvy, H., Levey, D. F., Lori, A., Shabalin, A., Starnawska, A., Su, M.-H., Watson, H. J., Adams, M., Awasthi, S., Gandal, M., Hafferty, J. D., Hishimoto, A., Kim, M., Okazaki, S. & Otsuka, I. & 32 others, Ripke, S., Ware, E. B., Bergen, A. W., Berrettini, W. H., Bohus, M., Brandt, H., Chang, X., Chen, W. J., Chen, H.-C., Crawford, S., Crow, S., DiBlasi, E., Duriez, P., Fernández-Aranda, F., Fichter, M. M., Gallinger, S., Glatt, S. J., Gorwood, P., Guo, Y., Hakonarson, H., Halmi, K. A., Hwu, H.-G., Jain, S., Jamain, S., Jiménez-Murcia, S., Johnson, C., Appadurai, V., Erlangsen, A., Nordentoft, M., Werge, T., Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium & Hansen, T. F. (Member of study group), 1 Feb 2022, In: Biological Psychiatry. 91, 3, p. 313-327 15 p.

Smooth muscle ATP-sensitive potassium channels mediate migraine-relevant hypersensitivity in mouse models

Christensen, S. L., Rasmussen, R. H., Cour, S. L., Ernstsén, C., Hansen, T. F., Kogelman, L. J., Lauritzen, S. P., Guzaite, G., Styrihave, B., Janfelt, C., Christensen, S. T., Aziz, Q., Tinker, A., Jansen-Olesen, I., Olesen, J. & Kristensen, D. M., Feb 2022, In: Cephalalgia : an international journal of headache. 42, 2, p. 93-107 15 p.

Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders

Blokland, G. A. M., Grove, J., Chen, C. Y., Cotsapas, C., Tobet, S., Handa, R., Ripke, S., Neale, B. M., Corvin, A., Walters, J. T. R., Farh, K. H., Holmans, P. A., Lee, P., Bulik-Sullivan, B., Collier, D. A., Huang, H., Pers, T. H., Agartz, I., Agerbo, E. & Albus, M. & 35 others, Alexander, M., Amin, F., Bacanu, S. A., Begemann, M., Belliveau, R. A., Bene, J., Bergen, S. E., Bevilacqua, E., Bigdeli, T. B., Black, D. W., Bruggeman, R., Buccola, N. G., Buckner, R. L., Byerley, W., Cahn, W., Cai, G., Campion, D., Cantor, R. M., Carr, V. J., Carrera, N., Hansen, M., Hansen, T., Meier, S. (Member of study group), Olsen, L. (Member of study group), Bækvad-Hansen, M., Hansen, T. F. (Member of study group), Thompson, W. (Member of study group), Weinsheimer, S. M. (Member of study group), Nordentoft, M. (Member of study group), Werge, T. (Member of study group), Schizophrenia Working Group of the Psychiatric Genomics Consortium, Bipolar Disorder Working Group of the Psychiatric Genomics Consortium, Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Sex Differences Cross-Disorder Analysis Group of the Psychiatric Genomics Consortium & iPSYCH, 1 Jan 2022, In: Biological Psychiatry. 91, 1, p. 102-117 16 p.

Childhood cancer confers increased risk of migraine - A Danish nationwide register study

Davidsson, O. B., Rostgaard, K., Hjalgrim, L. L., Chalmer, M. A., Olofsson, I. A., Søgaard, S. H., Winther, J. F., Kenborg, L., Hansen, T. F. & Hjalgrim, H., 2022, In: Cancer epidemiology. 81, p. 1-7 7 p., 102278.

Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles

Hautakangas, H., Winsvold, B. S., Ruotsalainen, S. E., Bjornsdottir, G., Harder, A. V. E., Kogelman, L. J. A., Thomas, L. F., Noordam, R., Benner, C., Gormley, P., Artto, V., Banasik, K., Bjornsdottir, A., Boomsma, D. I., Brumpton, B. M.,

Burgdorf, K. S., Buring, J. E., Chalmer, M. A., de Boer, I. & Dichgans, M. & 31 others, Erikstrup, C., Färkkilä, M., Garbrielsen, M. E., Ghanbari, M., Hagen, K., Häppölä, P., Hottenga, J.-J., Hrafnisdóttir, M. G., Hveem, K., Johnsen, M. B., Kähönen, M., Kristoffersen, E. S., Kurth, T., Lehtimäki, T., Ligthart, L., Magnusson, S. H., Malik, R., Pedersen, O. B., Pelzer, N., Penninx, B. W. J. H., Ran, C., Ridker, P. M., Rosendaal, F. R., Sigurdardóttir, G. R., Skogholt, A. H., Sveinsson, O. A., Thorgeirsson, T. E., Ullum, H., Olesen, J., Hansen, T. F. & International Headache Genetics Consortium, 2022, In: Nature Genetics. 54, 2, p. 152-160 9 p.

Multi-omics to predict changes during cold pressor test

Kogelman, L. J. A., Ernst, M., Falkenberg, K., Mazzoni, G., Courraud, J., Lundgren, L. P., Laursen, S. S., Cohen, A., Olesen, J. & Hansen, T. F., 2022, In: BMC Genomics. 23, 1, p. 1-11 11 p., 759.

Changes in the gene expression profile during spontaneous migraine attacks

Kogelman, L. J. A., Falkenberg, K., Buil, A., Erola, P., Courraud, J., Laursen, S. S., Michoel, T., Olesen, J. & Hansen, T. F., Dec 2021, In: Scientific Reports. 11, 1, 10 p., 8294.

A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts

Schizophrenia Working Group of the Psychiatric Genomics Consortium, Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Werge, T. M. (Member of study group) & Hansen, T. F. (Member of study group), 1 Nov 2021, In: Biological Psychiatry. 90, 9, p. 611-620 10 p.

The Genetic Architecture of Depression in Individuals of East Asian Ancestry: A Genome-Wide Association Study

23andMe Research Team, China Kadoorie Biobank Collaborative Group, and Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, 1 Nov 2021, In: JAMA Psychiatry. 78, 11, p. 1258-1269 12 p.

The genetic structure of Norway

Matingsdal, M., Ebenesersdóttir, S. S., Moore, K. H. S., Andreassen, O. A., Hansen, T. F., Werge, T., Kockum, I., Olsson, T., Alfredsson, L., Helgason, A., Stefánsson, K. & Hovig, E., Nov 2021, In: European journal of human genetics : EJHG. 29, 11, p. 1710-1718 9 p.

Association and genetic overlap between clinical chemistry tests and migraine

Tanha, H. M., Martin, N. G., Whitfield, J. B., Nyholt, D. R., Gormley, P., Anttila, V., Winsvold, B. S., Palta, P., Esko, T., Pers, T. H., Farh, K. H., Cuenca-Leon, E., Muona, M., Furlotte, N. A., Kurth, T., Ingason, A., McMahon, G., Ligthart, L., Terwindt, G. M. & Kallela, M. & 91 others, Freilinger, T. M., Ran, C., Gordon, S. G., Stam, A. H., Steinberg, S., Borck, G., Koironen, M., Quaye, L., Adams, H. H. H., Lehtimäki, T., Sarin, A. P., Wedenoja, J., Hinds, D. A., Buring, J. E., Schurks, M., Ridker, P. M., Hrafnisdóttir, M. G., Stefánsson, H., Ring, S. M., Hottenga, J. J., Penninx, B. W., Färkkilä, M., Artto, V., Kaunisto, M., Vepsäläinen, S., Malik, R., Heath, A. C., Madden, P. A., Martin, N. G., Montgomery, G. W., Kurki, M. I., Kals, M., Mägi, R., Pärn, K., Hämäläinen, E., Huang, H., Byrnes, A. E., Franke, L., Huang, J., Stergiakouli, E., Lee, P. H., Sandor, C., Webber, C., Cader, Z., Muller-Myhsok, B., Schreiber, S., Meitinger, T., Eriksson, J. G., Salomaa, V., Heikkilä, K., Loehrer, E., Uitterlinden, A. G., Hofman, A., van Duijn, C. M., Cherkas, L., Pedersen, L. M., Stubhaug, A., Nielsen, C. S., Männikkö, M., Mihailov, E., Milani, L., Göbel, H., Esserlind, A. L., Christensen, A. F., Hansen, T. F., Werge, T., Kaprio, J., Aromaa, A. J., Raitakari, O., Ikram, M. A., Spector, T., Jarvelin, M. R., Metspalu, A., Kubisch, C., Strachan, D. P., Ferrari, M. D., Belin, A. C., Dichgans, M., Wessman, M., van den Maagdenberg, A. M. J. M., Zwart, J. A., Boomsma, D. I., Smith, G. D., Stefánsson, K., Eriksson, N., Daly, M. J., Neale, B. M., Olesen, J., Chasman, D. I., Palotie, A. & Palotie, A., Oct 2021, In: Cephalalgia. 41, 11-12, p. 1208-1221 14 p., 03331024211018131.

Genetic Susceptibility Loci in Genomewide Association Study of Cluster Headache

Harder, A. V. E., Winsvold, B. S., Noordam, R., Vijfhuizen, L. S., Børte, S., Kogelman, L. J. A., de Boer, I., Tronvik, E., Rosendaal, F. R., Willems van Dijk, K., O'Connor, E., Fourier, C., Thomas, L. F., Kristoffersen, E. S., Fronczek, R., Pozo-Rosich, P., Jensen, R. H., Ferrari, M. D., Hansen, T. F. & Zwart, J.-A. & 3 others, Terwindt, G. M., van den Maagdenberg, A. M. J. M. & Cluster Headache Genetics Working Group, Aug 2021, In: Annals of Neurology. 90, 2, p. 203-216 14 p.

Impact of COVID-19 Pandemic on Sleep Quality, Stress Level and Health-Related Quality of Life-A Large Prospective Cohort Study on Adult Danes

Didriksen, M., Werge, T., Nissen, J., Schwinn, M., Sørensen, E., Nielsen, K. R., Bruun, M. T., Banasik, K., Hansen, T. F., Erikstrup, C., Ostrowski, S. R., Jennum, P. J., Hjalgrim, H., Ullum, H. & Pedersen, O. B., 17 Jul 2021, In: International Journal of Environmental Research and Public Health. 18, 14, 7610.

Twenty-five years of triptans - a nationwide population study

Davidsson, O. B., Olofsson, I. A., Kogelman, L. J., Andersen, M. A., Rostgaard, K., Hjalgrim, H., Olesen, J. & Hansen, T. F., Jul 2021, In: *Cephalalgia : an international journal of headache*. 41, 8, p. 894-904 11 p.

Eleven genomic loci affect plasma levels of chronic inflammation marker soluble urokinase-type plasminogen activator receptor

Dowsett, J., Ferkingstad, E., Rasmussen, L. J. H., Thømer, L. W., Magnússon, M. K., Sugden, K., Thorleifsson, G., Frigge, M., Burgdorf, K. S., Ostrowski, S. R., Sørensen, E., Erikstrup, C., Pedersen, O. B., Hansen, T. F., Banasik, K., Brunak, S., Tragante, V., Lund, S. H., Stefánsdóttir, L. & Gunnarson, B. & 11 others, Poulton, R., Arseneault, L., Caspi, A., Moffitt, T. E., Gudbjartsson, D., Eugen-Olsen, J., Stefánsson, H., Stefánsson, K., Ullum, H., DBDS Genomic Consortium & Jennum, P. J. (Member of study group), 2 Jun 2021, In: *Communications biology*. 4, 1, p. 1-12 12 p., 655.

Genetic insight into sick sinus syndrome

Thorólfsson, R. B., Sveinbjörnsson, G., Aegisdóttir, H. M., Benonisdóttir, S., Stefánsdóttir, L., Ivarsdóttir, E. V., Halldorsson, G. H., Sigurdsson, J. K., Torp-Pedersen, C., Weeke, P. E., Brunak, S., Westergaard, D., Pedersen, O. B., Sørensen, E., Nielsen, K. R., Burgdorf, K. S., Banasik, K., Brumpton, B., Zhou, W. & Oddsson, A. & 32 others, Tragante, V., Hjeltnes, K. E., Davidsson, O. B., Rajamani, S., Jonsson, S., Torfason, B., Valgardsson, A. S., Thorgeirsson, G., Frigge, M. L., Thorleifsson, G., Norddahl, G. L., Helgadóttir, A., Gretarsdóttir, S., Sulem, P., Jonsdóttir, I., Willer, C. J., Hveem, K., Bundgaard, H., Ullum, H., Arnar, D. O., Thorsteinsdóttir, U., Gudbjartsson, D. F., Holm, H., Stefánsson, K., Werge, T. M. (Member of study group), Jennum, P. J. (Member of study group), DBDS Genomic Consortium, Johansson, P. I. (Member of study group), DBDS Genomic Consortium, Hansen, T. F. (Member of study group), Jennum, P. J. (Member of study group) & Hjalgrim, H. (Member of study group), 21 May 2021, In: *European Heart Journal*. 42, 20, p. 1959-1971 13 p.

Chronic migraine: Genetics or environment?

Chalmer, M. A., Rasmussen, A. H., Kogelman, L. J. A., Olesen, J., Hansen, T. F. & International Headache Genetics Consortium, May 2021, In: *European Journal of Neurology*. 28, 5, p. 1726-1736 11 p.

Epidemiology of Hyperhidrosis in Danish Blood Donors

Henning, M. A. S., Ibler, K. S., Loft, I., Ullum, H., Erikstrup, C., Nielsen, K. R., Topholm Bruun, M., Hjalgrim, H., Sørensen, E., Burgdorf, K. S., Mikkelsen, S., Hansen, T. F., Pedersen, O. B. & Jemec, G. B. E., Apr 2021, In: *Acta Dermato-Venereologica*. 101, 4, p. adv00435 adv00345.

Combinations of self-reported rhinitis, conjunctivitis, and asthma predicts IgE sensitization in more than 25,000 Danes

Mikkelsen, S., Dinh, K. M., Boldsen, J. K., Pedersen, O. B., Holst, G. J., Petersen, M. S., Kaspersen, K. A., Møller, B. K., Nielsen, K. R., Paarup, H. M., Rostgaard, K., Hjalgrim, H., Sørensen, E., Handgaard, L. J., Hansen, T. F., Banasik, K., Burgdorf, K. S., Ullum, H., Sigsgaard, T. & Erikstrup, C., 30 Mar 2021, In: *Clinical and translational allergy*. 11, 1, 23 p., e12013.

A meta-analysis uncovers the first sequence variant conferring risk of Bell's palsy

Skuladottir, A. T., Björnsdóttir, G., Thorleifsson, G., Walters, G. B., Nawaz, M. S., Moore, K. H. S., Olason, P. I., Thorgeirsson, T. E., Sigurpalsdóttir, B., Sveinbjörnsson, G., Eggertsson, H. P., Magnusson, S. H., Oddsson, A., Björnsdóttir, A., Víkingsson, A., Sveinsson, O. A., Hrafnisdóttir, M. G., Sigurdardóttir, G. R., Halldorsson, B. V. & Hansen, T. F. & 13 others, Paarup, H., Erikstrup, C., Nielsen, K., Klokke, M., Bruun, M. T., Sørensen, E., Banasik, K., Burgdorf, K. S., Pedersen, O. B., Ullum, H., Jonsdóttir, I., Stefánsson, H. & Stefánsson, K., 18 Feb 2021, In: *Scientific Reports*. 11, 1, p. 4188 4188.

A genome-wide meta-analysis yields 46 new loci associating with biomarkers of iron homeostasis

Bell, S., Rigas, A. S., Magnusson, M. K., Ferkingstad, E., Allara, E., Björnsdóttir, G., Ramond, A., Sørensen, E., Halldorsson, G. H., Paul, D. S., Burgdorf, K., Eggertsson, H. P., Howson, J. M. M., Thømer, L. W., Kristmundsdóttir, S., Astle, W. J., Erikstrup, C., Sigurdsson, J. K., Vuckovic, D. & Dinh, K. M. & 32 others, Tragante, V., Surendran, P., Pedersen, O. B., Vidarsson, B., Jiang, T., Paarup, H. M., Onundarson, P. T., Akbari, P., Nielsen, K. R., Lund, S. H., Juliusson, K., Magnusson, M. I., Frigge, M. L., Oddsson, A., Olafsson, I., Kaptoge, S., Hjalgrim, H., Runarsson, G., Wood, A. M., Jonsdóttir, I., Hansen, T. F., Sigurdardóttir, O., Stefánsson, H., Rye, D., Burgdorf, K., Jennum, P., Johansson, P., Werge, T., Westergaard, D., Ullum, H., Banasik, K. & DBDS Genomic Consortium, 3 Feb 2021, In: *Communications biology*. 4, 1, p. 156

Left ventricular systolic ejection time is an independent predictor of all-cause mortality in heart failure with reduced ejection fraction

Alhakak, A. S., Sengeløv, M., Jørgensen, P. G., Bruun, N. E., Johnsen, C., Abildgaard, U., Iversen, A. Z., Hansen, T. F., Teerlink, J. R., Malik, F. I., Solomon, S. D., Gislason, G. & Biering-Sørensen, T., Feb 2021, In: European Journal of Heart Failure. 23, 2, p. 240-249 10 p.

Genome-wide association study identifies 48 common genetic variants associated with handedness

Cuellar-Partida, G., Tung, J. Y., Eriksson, N., Albrecht, E., Aliev, F., Andreassen, O. A., Barroso, I., Beckmann, J. S., Boks, M. P., Boomsma, D. I., Boyd, H. A., Breteler, M. M. B., Campbell, H., Chasman, D. I., Cherkas, L. F., Davies, G., de Geus, E. J. C., Deary, I. J., Deloukas, P. & Dick, D. M. & 98 others, Duffy, D. L., Eriksson, J. G., Esko, T., Feenstra, B., Geller, F., Gieger, C., Giegling, I., Gordon, S. D., Han, J., Hansen, T. F., Hartmann, A. M., Hayward, C., Heikkilä, K., Hicks, A. A., Hirschhorn, J. N., Hottenga, J.-J., Huffman, J. E., Hwang, L.-D., Ikram, M. A., Kaprio, J., Kemp, J. P., Khaw, K.-T., Klopp, N., Konte, B., Kutalik, Z., Lahti, J., Li, X., Loos, R. J. F., Luciano, M., Magnusson, S. H., Mangino, M., Marques-Vidal, P., Martin, N. G., McArdle, W. L., McCarthy, M. I., Medina-Gomez, C., Melbye, M., Melville, S. A., Metspalu, A., Milani, L., Mooser, V., Nelis, M., Nyholt, D. R., O'Connell, K. S., Ophoff, R. A., Palmer, C., Palotie, A., Palviainen, T., Pare, G., Paternoster, L., Peltonen, L., Penninx, B. W. J. H., Polasek, O., Pramstaller, P. P., Prokopenko, I., Raikonen, K., Ripatti, S., Rivadeneira, F., Rudan, I., Rujescu, D., Smit, J. H., Smith, G. D., Smoller, J. W., Soranzo, N., Spector, T. D., Pourcain, B. S., Starr, J. M., Stefánsson, H., Steinberg, S., Teder-Laving, M., Thorleifsson, G., Stefánsson, K., Timpson, N. J., Uitterlinden, A. G., van Duijn, C. M., van Rooij, F. J. A., Vink, J. M., Vollenweider, P., Vuoksimaa, E., Waeber, G., Wareham, N. J., Warrington, N., Waterworth, D., Werge, T., Wichmann, H.-E., Widen, E., Willemssen, G., Wright, A. F., Wright, M. J., Xu, M., Zhao, J. H., Kraft, P., Hinds, D. A., Lindgren, C. M., Mägi, R., Neale, B. M., Evans, D. M. & Medland, S. E., Jan 2021, In: Nature Human Behaviour. 5, 1, p. 59-70 12 p.

Pain sensitivity in men who have never experienced a headache: an observer blinded case control study

Olofsson, I. A., Hvedstrup, J., Falkenberg, K., Chalmer, M. A., Schytz, H. W., Pedersen, M. B., Ullum, H., Pedersen, O. B., Olesen, J. & Hansen, T. F., 2021, In: Journal of Headache and Pain. 22, 1, p. 1-9 9 p., 134.

Genome-wide association study identifies 16 genomic regions associated with circulating cytokines at birth

iPSYCH-BROAD, Nov 2020, In: Plos Genetics. 16, 11, p. e1009163 e1009163.

Functional gene networks reveal distinct mechanisms segregating in migraine families

Rasmussen, A. H., Kogelman, L. J. A., Kristensen, D. M., Chalmer, M. A., Olesen, J. & Hansen, T. F., 1 Oct 2020, In: Brain. 143, 10, p. 2945-2956 12 p.

Habitual sleep disturbances and migraine: a Mendelian randomization study

Daghlas, I., Vgontzas, A., Guo, Y., Chasman, D. I., Saxena, R., International Headache Genetics Consortium, Hansen, T. F. (Member of study group), Olesen, J. (Member of study group), Esserlind, A.-L. (Member of study group), Chalmer, M. A. (Member of study group) & Kogelman, L. (Member of study group), Oct 2020, In: Annals of Clinical and Translational Neurology. 7, 12, p. 2370-2380 11 p.

Superficial fungal infections and patients with hidradenitis suppurativa: a study under the Danish Blood Donor Study

Lindsø Andersen, P., Kjærsgaard Andersen, R., Jemec, G. B. E., Ullum, H., Erikstrup, C., Nielsen, K. R., Bruun, M. T., Hjalgrim, H., Sørensen, E., Burgdorf, K. S., Dinh, K. M., Banasik, K., Hansen, T., Saunte, D. M. & Pedersen, O. B., Oct 2020, In: Clinical and Experimental Dermatology. 46, 3, p. 571-573 3 p.

Higher burden of rare frameshift indels in genes related to synaptic transmission separate familial hemiplegic migraine from common types of migraine

Rasmussen, A. H., Olofsson, I., Chalmer, M. A., Olesen, J. & Hansen, T. F., Sept 2020, In: Journal of Medical Genetics. 57, 9, p. 610-616 7 p., 106640.

Letter to the editor regarding "Have you ever experienced a headache of any kind?"

Olofsson, I. A. & Hansen, T. F., Sept 2020, In: Cephalalgia : an international journal of headache. 40, 10, p. 1134-1135 2 p.

The impact of low-risk genetic variants in self-limited epilepsy with centrotemporal spikes aka Rolandic epilepsy

Hansen, T. F. & Møller, R. S., Aug 2020, In: EBioMedicine. 58, p. 102896 102896.

Genetic variability in the absorption of dietary sterols affects the risk of coronary artery disease

Helgadottir, A., Thorleifsson, G., Alexandersson, K. F., Tragante, V., Thorsteinsdottir, M., Eiriksson, F. F., Gretarsdottir, S., Björnsson, E., Magnusson, O., Sveinbjornsson, G., Jonsdottir, I., Steinthorsdottir, V., Ferkingstad, E., Jensson, B. Ö.,

Stefansson, H., Olafsson, I., Christensen, A. H., Torp-Pedersen, C., Køber, L. & Pedersen, O. B. & 23 others, Erikstrup, C., Sørensen, E., Brunak, S., Banasik, K., Hansen, T. F., Nyegaard, M., Eyjolfsson, G. I., Sigurdardottir, O., Thorarinnsson, B. L., Matthiasson, S. E., Steingrimsdottir, T., Bjornsson, E. S., Danielsen, R., Asselbergs, F. W., Arnar, D. O., Ullum, H., Bundgaard, H., Sulem, P., Thorsteinsdottir, U., Thorgeirsson, G., Holm, H., Gudbjartsson, D. F. & Stefansson, K., 21 Jul 2020, In: *European Heart Journal*. 41, 28, p. 2618-2628 11 p.

The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls

Coleman, J. R. I., Gaspar, H. A., Bryois, J., Breen, G., Bipolar Disorder Working Group of the Psychiatric Genomics Consortium, Hansen, T. F. (Member of study group), Werge, T. M. (Member of study group), Esserlind, A.-L. (Member of study group), Christensen, A. F. (Member of study group) & Nordentoft, M., 15 Jul 2020, In: *Biological Psychiatry*. 88, 2, p. 169-184 16 p.

A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine

Guo, Y., Rist, P. M., Daghighi, I., Giulianini, F., Kurth, T., Chasman, D. I., International Headache Genetics Consortium, Esserlind, A.-L. (Member of study group), Christensen, A. F. (Member of study group), Olesen, J. (Member of study group), Hansen, T. F. (Member of study group) & Werge, T. M. (Member of study group), 6 Jul 2020, In: *Nature Communications*. 11, 1, p. 3368 11 p., 3368.

Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank

on the behalf of Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Jul 2020, In: *Molecular Psychiatry*. 25, 7, p. 1430-1446

Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache

Siewert, K. M., Klarin, D., Damrauer, S. M., Chang, K.-M., Tsao, P. S., Assimes, T. L., Davey Smith, G., Voight, B. F., The International Headache Genetics Consortium, Hansen, T. F. (Member of study group), Olesen, J. (Member of study group) & Esserlind, A.-L. (Member of study group), 1 Jun 2020, In: *International Journal of Epidemiology*. 49, 3, p. 1022-1031 10 p.

A phenome-wide association and Mendelian Randomisation study of polygenic risk for depression in UK Biobank

Shen, X., Howard, D. M., Adams, M. J., Hill, W. D., Clarke, T. K., Adams, M. J., Clarke, T. K., McIntosh, A. M., Deary, I. J., Wray, N. R., Ripke, S., Mattheisen, M., Trzaskowski, M., Byrne, E. M., Abdellaoui, A., Agerbo, E., Air, T. M., Andlauer, T. F. M., Bacanu, S. A. & Bækvad-Hansen, M. & 31 others, Beekman, A. T. F., Bigdeli, T. B., Binder, E. B., Bryois, J., Buttenschøn, H. N., Bybjerg-Grauholm, J., Cai, N., Castelao, E., Christensen, J. H., Coleman, J. R. I., Colodro-Conde, L., Couvy-Duchesne, B., Craddock, N., Crawford, G. E., Davies, G., Degenhardt, F., Derks, E. M., Direk, N., Dolan, C. V., Dunn, E. C., Eley, T. C., Escott-Price, V., Kiadeh, F. F. H., Finucane, H. K., Foo, J. C., Hansen, T. F., Thompson, W., Weinsheimer, S. M., Nordentoft, M., Werge, T. & Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, 8 May 2020, In: *Nature Communications*. 11, 1, p. 2301

Genetic identification of cell types underlying brain complex traits yields insights into the etiology of Parkinson's disease

Bryois, J., Skene, N. G., Hansen, T. F., Kogelman, L. J. A., Watson, H. J., Liu, Z., Adan, R., Alfredsson, L., Ando, T., Andreassen, O., Baker, J., Bergen, A., Berrettini, W., Birgegård, A., Boden, J., Boehm, I., Boni, C., Boraska Perica, V., Brandt, H. & Breen, G. & 33 others, Bryois, J., Buehren, K., Bulik, C., Burghardt, R., Cassina, M., Cichon, S., Clementi, M., Coleman, J., Cone, R., Courtet, P., Crawford, S., Crow, S., Crowley, J., Danner, U., Davis, O., de Zwaan, M., Dedoussis, G., Degortes, D., DeSocio, J., Dick, D., Dikeos, D., Dina, C., Dmitrak-Weglarz, M., Docampo Martinez, E., Duncan, L., Petersen, L., Hansen, T. F., Ingason, A., Kogelman, L. J. A., Olesen, J., Eating Disorders Working Group of the Psychiatric Genomics Consortium, International Headache Genetics Consortium & 23andMe Research Team, May 2020, In: *Nature Genetics*. 52, 5, p. 482-493 12 p.

Von Frey testing revisited - provision of an online algorithm for improved accuracy of 50% thresholds

Christensen, S. L., Hansen, R. B., Storm, M. A., Olesen, J., Hansen, T. F., Ossipov, M., Izarzugaza, J. M. G., Porreca, F. & Kristensen, D. M., Apr 2020, In: *European journal of pain*. 24, 4, p. 783-790 8 p.

Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression

Glanville, K. P., Coleman, J. R. I., Hanscombe, K. B., Euesden, J., Choi, S. W., Purves, K. L., Breen, G., Air, T. M., Andlauer, T. F. M., Baune, B. T., Binder, E. B., Blackwood, D. H. R., Boomsma, D. I., Buttenschøn, H. N., Colodro-Conde, L., Dannlowski, U., Direk, N., Dunn, E. C., Forstner, A. J. & de Geus, E. J. C. & 33 others, Grabe, H. J., Hamilton, S. P., Jones, I., Jones, L. A., Knowles, J. A., Kutalik, Z., Levinson, D. F., Lewis, G., Lind, P. A., Lucae, S., Magnusson, P. K., McGuffin, P., McIntosh, A. M., Milaneschi, Y., Mors, O., Mostafavi, S., Müller-Myhsok, B., Pedersen, N. L., Penninx, B. W.

J. H., Potash, J. B., Preisig, M., Ripke, S., Shi, J., Shyn, S. I., Smoller, J. W., Streit, F., Sullivan, P. F., Tiemeier, H., Uher, R., Van der Auwera, S., Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Werge, T. M. & Hansen, T. F., 1 Mar 2020, In: *Biological Psychiatry*. 87, 5, p. 419-430 12 p.

The donors perceived positive and negative effects of blood donation

Teglkamp, J., Handgaard, L., Hansen, T., Pedersen, O. B., Rigas, A. S., Mikkelsen, S., Erikstrup, C., Hjalgrim, H., Paarup, H. M., Burgdorf, K. S. & Ullum, H., 1 Mar 2020, In: *Transfusion*. 60, 3, p. 553-560 8 p.

Cross-sectional study identifies lower risk of *Staphylococcus aureus* nasal colonization in Danish blood donors with hidradenitis suppurativa symptoms

Dinh, K. M., Erikstrup, L. T., Andersen, R. K., Andersen, P. S., Mikkelsen, S., Kjerulff, B. D., Burgdorf, K. S., Hansen, T. F., Nielsen, K. R., Hjalgrim, H., Jemec, G. B. E., Ullum, H., Erikstrup, C. & Pedersen, O. B., 1 Jan 2020, In: *British Journal of Dermatology*. 183, 2, p. 387-389

Cerebral small vessel disease genomics and its implications across the lifespan

Sargurupremraj, M., Suzuki, H., Jian, X., Sarnowski, C., Evans, T. E., Bis, J. C., Eiriksdottir, G., Sakaue, S., Terzikhan, N., Habes, M., Zhao, W., Armstrong, N. J., Hofer, E., Yaneek, L. R., Hagenaars, S. P., Kumar, R. B., van den Akker, E. B., McWhirter, R. E., Trompet, S. & Mishra, A. & 35 others, Saba, Y., Satizabal, C. L., Beaudet, G., Petit, L., Tsuchida, A., Zago, L., Schilling, S., Sigurdsson, S., Gottesman, R. F., Lewis, C. E., Aggarwal, N. T., Lopez, O. L., Smith, J. A., Valdés Hernández, M. C., van der Grond, J., Wright, M. J., Knol, M. J., Dörr, M., Thomson, R. J., Bordes, C., Le Grand, Q., Duperron, M.-G., Smith, A. V., Knopman, D. S., Schreiner, P. J., Evans, D. A., Rotter, J. I., Beiser, A. S., Maniega, S. M., Beekman, M., International Network against Thrombosis (INVENT) Consortium, International Headache Genetics Consortium (IHGC), Esserlind, A.-L. (Member of study group), Hansen, T. F. (Member of study group) & Olesen, J. (Member of study group), 2020, In: *Nature Communications*. 11, 1, p. 6285

Familial analysis reveals rare risk variants for migraine in regulatory regions

Techlo, T. R., Rasmussen, A. H., Møller, P. L., Böttcher, M., Winther, S., Davidsson, O. B., Olofsson, I. A., Chalmer, M. A., Kogelman, L. J. A., Nyegaard, M., Olesen, J. & Hansen, T. F., 2020, In: *Neurogenetics*. 21, 3, p. 149-157

PCM1 is necessary for focal ciliary integrity and is a candidate for severe schizophrenia

Monroe, T. O., Garrett, M. E., Kousi, M., Rodriguiz, R. M., Moon, S., Bai, Y., Brodar, S. C., Soldano, K. L., Savage, J., Hansen, T. F., Muzny, D. M., Gibbs, R. A., Barak, L., Sullivan, P. F., Ashley-Koch, A. E., Sawa, A., Wetsel, W. C., Werge, T. & Katsanis, N., 2020, In: *Nature Communications*. 11, 1, p. 5903 5903.

Prevalence and socio-demographic characteristics of persons who have never had a headache among healthy voluntary blood donors – a population-based study

Olofsson, I. A., Kogelman, L., Rasmussen, A., Erikstrup, C., Sørensen, E., Paarup, H. M., Hjalgrim, H., Banasik, K., Nielsen, K. R., Burgdorf, K. S., Pedersen, O. B. V., Ullum, H., Olesen, J. & Hansen, T. F., 2020, In: *Cephalalgia*. 40, 10, p. 1055-1062

Genetic correlations of psychiatric traits with body composition and glycemic traits are sex- and age-dependent

ADHD Working Group of the Psychiatric Genomics Consortium, Olesen, J., Hansen, T. F., Esserlind, A.-L. & Dalsgaard, S. (Member of study group), 18 Dec 2019, In: *Nature Communications*. 10, 1, p. 5765

Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders

Cross-Disorder Group of the Psychiatric Genomics Consortium. Electronic address: plee0@mgh.harvard.edu, Smoller, J. W. (Member of study group), Hagstrøm, J. (Member of study group), Werge, T. M. (Member of study group), Hansen, T. F. (Member of study group) & Dalsgaard, S. (Member of study group), 12 Dec 2019, In: *Cell*. 179, 7, p. 1469-1482

Genome-wide association study of panic disorder reveals genetic overlap with neuroticism and depression

Forstner, A. J., Awasthi, S., Wolf, C., Maron, E., Erhardt, A., Czamara, D., Eriksson, E., Lavebratt, C., Allgulander, C., Friedrich, N., Becker, J., Hecker, J., Rambau, S., Conrad, R., Geiser, F., McMahon, F. J., Moebus, S., Hess, T., Buerfent, B. C. & Hoffmann, P. & 55 others, Herms, S., Heilmann-Heimbach, S., Kockum, I., Olsson, T., Alfredsson, L., Weber, H., Alpers, G. W., Arolt, V., Fehm, L., Fydrich, T., Gerlach, A. L., Hamm, A., Kircher, T., Pané-Farré, C. A., Pauli, P., Rief, W., Ströhle, A., Plag, J., Lang, T., Wittchen, H.-U., Mattheisen, M., Meier, S., Metspalu, A., Domschke, K., Reif, A., Hovatta, I., Lindfors, N., Andersson, E., Schalling, M., Mbarek, H., Milanese, Y., de Geus, E. J. C., Boomsma, D. I., Penninx, B. W. J. H., Thorgeirsson, T. E., Steinberg, S., Stefansson, K., Stefansson, H., Müller-Myhsok, B., Hansen, T. F., Børglum, A. D., Werge, T., Mortensen, P. B., Nordentoft, M., Hougaard, D. M., Hultman, C. M., Sullivan, P. F., Nöthen, M. M., Woldbye, D. P. D., Mors, O., Binder, E. B., Rück, C., Ripke, S., Deckert, J. & Schumacher, J., 11 Nov 2019, In: *Molecular*

Psychiatry.

Characterization of Familial and Sporadic Migraine

Ravn, J., Chalmer, M. A., Oehrstroem, E. L., Kogelman, L. J. A. & Hansen, T. F., 1 Nov 2019, In: Headache. 59, 10, p. 1802-1807 6 p.

The first step towards personalized risk prediction for common epilepsies

Hansen, T. F. & Møller, R. S., 1 Nov 2019, In: Brain. 142, 11, p. 3316-3318 3 p.

Herpes Simplex Virus Type 1 infection is associated with suicidal behavior and first registered psychiatric diagnosis in a healthy population

Nissen, J., Trabjerg, B., Pedersen, M. G., Banasik, K., Pedersen, O. B., Sørensen, E., Nielsen, K. R., Erikstrup, C., Petersen, M. S., Paarup, H. M., Bruun-Rasmussen, P., Westergaard, D., Hansen, T. F., Pedersen, C. B., Werge, T., Torrey, F., Hjalgrim, H., Mortensen, P. B., Yolken, R. & Brunak, S. & 2 others, Ullum, H. & Burgdorf, K. S., Oct 2019, In: Psychoneuroendocrinology. 108, p. 150-154 5 p.

Proposed new diagnostic criteria for chronic migraine

Chalmer, M. A., Hansen, T. F., Lebedeva, E. R., Dodick, D. W., Lipton, R. B. & Olesen, J., 22 Sept 2019, In: Cephalalgia : an international journal of headache. p. 333102419877171

GWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores

Mullins, N., Bigdeli, T. B., Børghlum, A. D., Coleman, J. R. I., Demontis, D., Mehta, D., Power, R. A., Ripke, S., Stahl, E. A., Starnawska, A., Anjorin, A., Corvin, A., Sanders, A. R., Forstner, A. J., Reif, A., Koller, A. C., Świątkowska, B., Baune, B. T., Müller-Myhsok, B. & Penninx, B. W. J. H. & 31 others, Pato, C., Zai, C., Rujescu, D., Hougaard, D. M., Quesada, D., Levinson, D. F., Binder, E. B., Byrne, E. M., Agerbo, E., Streit, F., Mayoral, F., Bellivier, F., Degenhardt, F., Breen, G., Morken, G., Turecki, G., Rouleau, G. A., Grabe, H. J., Völzke, H., Jones, I., Giegling, I., Agartz, I., Melle, I., Lawrence, J., Walters, J. T. R., Strohmaier, J., Nordentoft, M., Hansen, T., Werge, T., Appadurai, V. & M.R.C.Psych, 1 Aug 2019, In: The American journal of psychiatry. 176, 8, p. 651-660 10 p.

Integrated analysis of environmental and genetic influences on cord blood DNA methylation in new-borns

Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Werge, T. M. (Member of study group) & Hansen, T. F., 11 Jun 2019, In: Nature Communications. 10, 1, p. 2548

DBDS Genomic Cohort, a prospective and comprehensive resource for integrative and temporal analysis of genetic, environmental and lifestyle factors affecting health of blood donors

Hansen, T. F., Banasik, K., Erikstrup, C., Pedersen, O. B., Westergaard, D., Chmura, P. J., Nielsen, K., Thørner, L., Hjalgrim, H., Paarup, H., Petersen, M., Jennum, P., Andersen, S., Nyegaard, M., Jemec, G. B. E., Olesen, J., Werge, T., Johansson, P. I., Sørensen, E. & Brunak, S. & 2 others, Ullum, H. & Burgdorf, K. S., 9 Jun 2019, In: BMJ Open. 9, 6, p. e028401

Self-reported restless legs syndrome and involuntary leg movements during sleep are associated with symptoms of attention deficit hyperactivity disorder

Didriksen, M., Thørner, L. W., Erikstrup, C., Pedersen, O. B., Paarup, H. M., Petersen, M., Hansen, T. F., Banasik, K., Nielsen, K. R., Hjalgrim, H., Jennum, P. J., Sørensen, E., Burgdorf, K. S. & Ullum, H., May 2019, In: Sleep Medicine. 57, p. 115-121 7 p.

Assessment of Bidirectional Relationships Between Physical Activity and Depression Among Adults: A 2-Sample Mendelian Randomization Study

Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, 1 Apr 2019, In: JAMA Psychiatry. 76, 4, p. 399-408 10 p.

Multi-view Consensus CNN for 3D Facial Landmark Placement

Paulsen, R. R., Juhl, K. A., Haspang, T. M., Hansen, T., Ganz, M. & Einarsson, G., 1 Jan 2019, *Computer Vision – ACCV 2018 - 14th Asian Conference on Computer Vision, Revised Selected Papers*. Mori, G., Jawahar, C. V., Schindler, K. & Li, H. (eds.). Springer Verlag, p. 706-719 14 p. (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Vol. 11361 LNCS).

Nosographic analysis of osmophobia and field testing of diagnostic criteria including osmophobia

Chalmer, M. A., Hansen, T. F. & Olesen, J., Jan 2019, In: *Cephalalgia*. 39, 1, p. 38-43 6 p.

Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank

Barbu, M. C., Zeng, Y., Shen, X., Cox, S. R., Clarke, T. K., Gibson, J., Adams, M. J., Johnstone, M., Haley, C. S., Lawrie, S. M., Deary, I. J., Wray, N. R., Ripke, S., Mattheisen, M., Trzaskowski, M., Byrne, E. M., Abdellaoui, A., Adams, M. J., Agerbo, E. & Air, T. M. & 32 others, Andlauer, T. F. M., Bacanu, S. A., Bækvad-Hansen, M., Beekman, A. T. F., Bigdeli, T. B., Binder, E. B., Blackwood, D. H. R., Bryois, J., Buttenschøn, H. N., Bybjerg-Grauholm, J., Cai, N., Castelao, E., Christensen, J. H., Clarke, T. K., Coleman, J. R. I., Colodro-Conde, L., Couvy-Duchesne, B., Craddock, N., Crawford, G. E., Davies, G., Deary, I. J., Degenhardt, F., Derks, E. M., Direk, N., Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Hansen, T. F. (Member of study group), Krogh, J. (Member of study group), Thompson, W. (Member of study group), Weinsheimer, S. M. (Member of study group), Nordentoft, M. (Member of study group), Werge, T. (Member of study group) & 23andMe Research Team, 2019, In: *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. 4, 1, p. 91-100

Comparing migraine with and without aura to healthy controls using RNA sequencing

Kogelman, L. J., Falkenberg, K., Halldorsson, G. H., Poulsen, L. U., Worm, J., Ingason, A., Stefansson, H., Stefansson, K., Hansen, T. F. & Olesen, J., 2019, In: *Cephalalgia : an international journal of headache*. 39, 11, p. 1435-1444 10 p.

Migraine polygenic risk score associates with efficacy of migraine-specific drugs

Kogelman, L. J. A., Esserlind, A.-L., Francke Christensen, A., Awasthi, S., Ripke, S., Ingason, A., Davidsson, O. B., Erikstrup, C., Hjalgrim, H., Ullum, H., Olesen, J., Folkmann Hansen, T. & DBDS Genomic Consortium, The International Headache Genetics Consortium, 2019, In: *Neurology. Genetics*. 5, 6, p. e368

Predicting treatment response using pharmacy register in migraine

Hansen, T. F., Chalmer, M. A., Haspang, T. M., Kogelman, L. & Olesen, J., 2019, In: *Journal of Headache and Pain*. 20, 1, p. 20-31 8 p.

The preferences of potential stakeholders in psychiatric genomic research regarding consent procedures and information delivery

Sundby, A., Boolsen, M. W., Burgdorf, K. S., Ullum, H., Hansen, T. F., Middleton, A. & Mors, O., 2019, In: *European psychiatry : the journal of the Association of European Psychiatrists*. 55, p. 29-35 7 p.

Genome-wide interaction study of a proxy for stress-sensitivity and its prediction of major depressive disorder

Generation Scotland & Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, 1 Dec 2018, In: *PLoS One*. 13, 12, e0209160.

Polygenic risk score: use in migraine research

Chalmer, M. A., Esserlind, A. L., Olesen, J. & Hansen, T. F., 1 Dec 2018, In: *Journal of Headache and Pain*. 19, 1, p. 29

Comorbidity of migraine with ADHD in adults

Hansen, T. F., Hoeffding, L. K., Kogelman, L., Haspang, T. M., Ullum, H., Sørensen, E., Erikstrup, C., Pedersen, O. B., Nielsen, K. R., Hjalgrim, H., Paarup, H. M., Werge, T. & Burgdorf, K., 16 Oct 2018, In: *BMC Neurology*. 18, 1, p. 147

Transcriptomic profiling of trigeminal nucleus caudalis and spinal cord dorsal horn

Kogelman, L. J. A., Elgaard-Christensen, R., Olesen, J., Jansen-Olesen, I. & Hansen, T. F., 1 Aug 2018, In: *Brain Research*. 1692, p. 23-33

Molecular genetic overlap between migraine and major depressive disorder

Yang, Y., Zhao, H., Boomsma, D. I., Ligthart, L., Belin, A. C., Smith, G. D., Esko, T., Freilinger, T. M., Hansen, T. F., Ikram, M. A., Kallela, M., Kubisch, C., Paraskevi, C., Strachan, D. P., Wessman, M., van den Maagdenberg, A. M. J. M., Terwindt, G. M., Nyholt, D. R., Olesen, J. & Esserlind, A.-L. & 1 others, International Headache Genetics Consortium, Aug 2018, In: *European journal of human genetics : EJHG*. p. 1202-1216 15 p.

Age at first birth in women is genetically associated with increased risk of schizophrenia

Ni, G., Gratten, J., Wray, N. R., Lee, S. H., Hansen, T. F., Werge, T. M., Olsen, L., Rasmussen, H. B. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, 5 Jul 2018, In: Scientific Reports. 8, 1, p. 10168

A correction for sample overlap in genome-wide association studies in a polygenic pleiotropy-informed framework

LeBlanc, M., Zuber, V., Thompson, W. K., Andreassen, O. A., Frigessi, A., Andreassen, B. K., Ripke, S., Neale, B. M., Corvin, A., Walters, J. T. R., Farh, K. H., Lee, P., Bulik-Sullivan, B., Collier, D. A., Huang, H., Pers, T. H., Agartz, I., Agerbo, E., Albus, M. & Alexander, M. & 31 others, Amin, F., Bacanu, S. A., Begemann, M., Belliveau, R. A., Bene, J., Bevilacqua, E., Bigdeli, T. B., Black, D. W., Bruggeman, R., Buccola, N. G., Buckner, R. L., Cahn, W., Cai, G., Cairns, M. J., Campion, D., Cantor, R. M., Carr, V. J., Carrera, N., Catts, S. V., Chambert, K. D., Chan, R. C. K., Chen, R. Y. L., Chen, E. Y. H., Cheng, W., Hansen, M., Hansen, T., Meier, S., Olsen, L., Rasmussen, H. B., Werge, T. & Schizophrenia and Bipolar Disorder Working Groups of the Psychiatric Genomics Consortium, 25 Jun 2018, In: BMC Genomics. 19, 1, 494.

Analysis of shared heritability in common disorders of the brain

Anttila, V., Bulik-Sullivan, B., Finucane, H. K., Walters, R. K., Bras, J., Duncan, L., Escott-Price, V., Falcone, G. J., Gormley, P., Malik, R., Patsopoulos, N. A., Ripke, S., Wei, Z., Yu, D., Lee, P. H., Turley, P., Grenier-Boley, B., Chouraki, V., Kamatani, Y. & Berr, C. & 32 others, Letenneur, L., Hannequin, D., Amouyel, P., Boland, A., Deleuze, J.-F., Duron, E., Vardarajan, B. N., Reitz, C., Goate, A. M., Huentelman, M. J., Kamboh, M. I., Larson, E. B., Rogaeve, E., St George-Hyslop, P., Hakonarson, H., Kukull, W. A., Farrer, L. A., Barnes, L. L., Beach, T. G., Demirci, F. Y., Head, E., Hulette, C. M., Jicha, G. A., Kauwe, J. S. K., Kaye, J. A., Hansen, T., Werge, T., Olesen, J., Møller, R. S., Plessen, K., Dalsgaard, S. & Brainstorm Consortium, 22 Jun 2018, In: Science. 360, 6395

Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes

Ruderfer, D. M., Ripke, S., McQuillin, A., Boocock, J., Stahl, E. A., Pavlides, J. M. W., Mullins, N., Charney, A. W., Ori, A. P. S., Loohuis, L. M. O., Domenici, E., Di Florio, A., Papiol, S., Kalman, J. L., Trubetskoy, V., Adolfsson, R., Agartz, I., Agerbo, E., Akil, H. & Albani, D. & 33 others, Albus, M., Alda, M., Alexander, M., Alliey-Rodriguez, N., Als, T. D., Amin, F., Anjorin, A., Arranz, M. J., Awasthi, S., Bacanu, S. A., Badner, J. A., Baekvad-Hansen, M., Bakker, S., Band, G., Barchas, J. D., Barroso, I., Bass, N., Bauer, M., Baune, B. T., Begemann, M., Bellenguez, C., Belliveau, R. A., Hansen, M., Hansen, T., Meier, S., Nordentoft, M., Olsen, L., Pers, T. H., Rasmussen, H. B., Werge, T., Bipolar Disorder and Schizophrenia Working Group of the Psychiatric Genomics Consortium douglas.ruderfer@vanderbilt.edu, Psychosis Endophenotypes International Consortium & Wellcome Trust Case Control Consortium, 14 Jun 2018, In: Cell. 173, 7, p. 1705-1715.e16

Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood

Ni, G., Moser, G., Ripke, S., Neale, B. M., Corvin, A., Walters, J. T. R., Farh, K. H., Holmans, P. A., Lee, P., Bulik-Sullivan, B., Collier, D. A., Huang, H., Pers, T. H., Agartz, I., Agerbo, E., Albus, M., Alexander, M., Amin, F., Bacanu, S. A. & Begemann, M. & 33 others, Belliveau, R. A., Bene, J., Bergen, S. E., Bevilacqua, E., Bigdeli, T. B., Black, D. W., Bruggeman, R., Buccola, N. G., Buckner, R. L., Byerley, W., Cahn, W., Cai, G., Campion, D., Cantor, R. M., Carr, V. J., Carrera, N., Catts, S. V., Chambert, K. D., Chan, R. C. K., Chen, R. Y. L., Chen, E. Y. H., Cheng, W., Cheung, E. F. C., Chong, S. A., Hansen, M., Hansen, T., Meier, S., Olsen, L., Rasmussen, H. B., Werge, T., Wellcome Trust Case Control Consortium, Schizophrenia Working Group of the Psychiatric Genomics Consortium & Psychosis Endophenotypes International Consortium, 7 Jun 2018, In: American Journal of Human Genetics. 102, 6, p. 1185-1194 10 p.

Ancient genomes from Iceland reveal the making of a human population

Ebenesersdóttir, S. S., Sandoval-Velasco, M., Gunnarsdóttir, E. D., Jagadeesan, A., Guðmundsdóttir, V. B., Thordardóttir, E. L., Einarsdóttir, M. S., Moore, K. H. S., Sigurðsson, Á., Magnúsdóttir, D. N., Jónsson, H., Snorrardóttir, S., Hovig, E., Møller, P., Kockum, I., Olsson, T., Alfredsson, L., Hansen, T. F., Werge, T. & Cavalleri, G. L. & 10 others, Gilbert, E., Lalueza-Fox, C., Walser, J. W., Kristjánsson, S., Gopalakrishnan, S., Árnadóttir, L., Magnússon, Ó. Þ., Gilbert, M. T. P., Stefánsson, K. & Helgason, A., 1 Jun 2018, In: Science. 360, 6392, p. 1028-1032 5 p.

Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families

Gormley, P., Kurki, M. I., Hiekkala, M. E., Veerapen, K., Häppölä, P., Mitchell, A. A., Lal, D., Palta, P., Surakka, I., Kaunisto, M. A., Hämäläinen, E., Vepsäläinen, S., Havanka, H., Harno, H., Ilmavirta, M., Nissilä, M., Säkö, E., Sumelahti, M. L., Liukkonen, J. & Sillanpää, M. & 32 others, Metsähonkala, L., Koskinen, S., Lehtimäki, T., Raitakari, O., Männikkö, M., Ran, C., Belin, A. C., Jousilahti, P., Anttila, V., Salomaa, V., Artto, V., Färkkilä, M., Agee, M., Alipanahi, B., Auton, A., Bell, R. K., Bryc, K., Elson, S. L., Fontanillas, P., Furlotte, N. A., Huber, K. E., Kleinman, A., Litterman, N. K., McCreight, J. C., McIntyre, M. H., Christensen, A. F., Esserlind, A. L., Hansen, T. F., Ingason, A., Olesen, J., 23andMe Research Team & International Headache Genetics Consortium (IHGC), 16 May 2018, In: Neuron. 98, 4, p. 743-753.e4

Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression

Wray, N. R., Ripke, S., Mattheisen, M., Trzaskowski, M., Byrne, E. M., Abdellaoui, A., Adams, M. J., Agerbo, E., Air, T. M., Andlauer, T. M. F., Bacanu, S.-A., Bækvad-Hansen, M., Beekman, A. F. T., Bigdeli, T. B., Binder, E. B., Blackwood, D. R. H., Bryois, J., Buttenschøn, H. N., Bybjerg-Grauholm, J. & Cai, N. & 31 others, Castelao, E., Christensen, J. H., Clarke, T.-K., Coleman, J. I. R., Colodro-Conde, L., Couvy-Duchesne, B., Craddock, N., Crawford, G. E., Crowley, C. A., Dashti, H. S., Davies, G., Deary, I. J., Degenhardt, F., Derks, E. M., Direk, N., Dolan, C. V., Dunn, E. C., Eley, T. C., Eriksson, N., Escott-Price, V., Kiadeh, F. H. F., Finucane, H. K., Forstner, A. J., Frank, J., Hansen, T. F., Krogh, J., Thompson, W., Weinsheimer, S. M., Nordentoft, M., Werge, T. & eQTLGen, May 2018, In: Nature Genetics. 50, 5, p. 668-681 14 p.

Attitudes of stakeholders in psychiatry towards the inclusion of children in genomic research

Sundby, A., Boolsen, M. W., Burgdorf, K. S., Ullum, H., Hansen, T. F. & Mors, O., 5 Mar 2018, In: Human Genomics. 12, 1, p. 12

Applying polygenic risk scoring for psychiatric disorders to a large family with bipolar disorder and major depressive disorder

Werge, T. M. (Member of study group), Hansen, T. F. (Member of study group), Thompson, W. K. (Member of study group), Weinsheimer, S. M. (Member of study group), Nordentoft, M. (Member of study group) & Major Depressive Disorder and Bipolar Disorder Working Groups of the Psychiatric Genomics Consortium (Thomas Werge, Merete Nordentoft, Thomas F. Hansen, Wesley Thompson, Shantel Marie Weinsheimer (Members)), 2018, In: Communications biology. 1, p. 163

Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium

Peyrot, W. J., Van der Auwera, S., Milaneschi, Y., Dolan, C. V., Madden, P. A. F., Sullivan, P. F., Strohmaier, J., Ripke, S., Rietschel, M., Nivard, M. G., Mullins, N., Montgomery, G. W., Henders, A. K., Heat, A. C., Fisher, H. L., Dunn, E. C., Byrne, E. M., Air, T. A., Baune, B. T. & Breen, G. & 11 others, Levinson, D. F., Lewis, C. M., Martin, N. G., Nelson, E. N., Boomsma, D. I., Grabe, H. J., Wray, N. R., Penninx, B. W. J. H., Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Werge, T. M. (Member of study group) & Hansen, T. F. (Member of study group), 2018, In: Biological Psychiatry. 84, p. 138-147

UGT polymorphisms and lamotrigine clearance during pregnancy

Petrenaite, V., Öhman, I., Ekström, L., Sæbye, D., Hansen, T. F., Tomson, T. & Sabers, A., 2018, In: Epilepsy Research. 140, p. 199-208

Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity

Joshi, P. K., Pirastu, N., Kentistou, K. A., Fischer, K., Hofer, E., Schraut, K. E., Clark, D. W., Natile, T., Barnes, C. L. K., Timmers, P. R. H. J., Shen, X., Gandin, I., McDaid, A. F., Hansen, T. F., Gordon, S. D., Giulianini, F., Boutin, T. S., Abdellaoui, A., Zhao, W. & Medina-Gomez, C. & 93 others, Bartz, T. M., Trompet, S., Lange, L. A., Raffield, L., van der Spek, A., Galesloot, T. E., Proitsi, P., Yanek, L. R., Bielak, L. F., Payton, A., Murgia, F., Concas, M. P., Biino, G., Tajuddin, S. M., Seppälä, I., Amin, N., Boerwinkle, E., Børglum, A. D., Campbell, A., Demerath, E. W., Demuth, I., Faul, J. D., Ford, I., Gialluisi, A., Gögele, M., Graff, M., Hingorani, A., Hottenga, J.-J., Hougaard, D. M., Hurme, M. A., Ikram, M. A., Jylhä, M., Kuh, D., Ligthart, L., Lill, C. M., Lindenberg, U., Lumley, T., Mägi, R., Marques-Vidal, P., Medland, S. E., Milani, L., Nagy, R., Ollier, W. E. R., Peyser, P. A., Pramstaller, P. P., Ridker, P. M., Rivadeneira, F., Ruggiero, D., Saba, Y., Schmidt, R., Schmidt, H., Slagboom, P. E., Smith, B. H., Smith, J. A., Sotoodehnia, N., Steinhagen-Thiessen, E., van Rooij, F. J. A., Verbeek, A. L., Vermeulen, S. H., Vollenweider, P., Wang, Y., Werge, T., Whitfield, J. B., Zonderman, A. B., Lehtimäki, T., Evans, M. K., Pirastu, M., Fuchsberger, C., Bertram, L., Pendleton, N., Kardina, S. L. R., Ciullo, M., Becker, D. M., Wong, A., Psaty, B. M., van Duijn, C. M., Wilson, J. G., Jukema, J. W., Kiemeny, L., Uitterlinden, A. G., Franceschini, N., North, K. E., Weir, D. R., Metspalu, A., Boomsma, D. I., Hayward, C., Chasman, D., Martin, N. G., Sattar, N., Campbell, H., Esko, T., Kutalik, Z. & Wilson, J. F., 13 Oct 2017, In: Nature Communications. 8, 1, p. 910

Stakeholders in psychiatry and their attitudes toward receiving pertinent and incident findings in genomic research

Sundby, A., Boolsen, M. W., Burgdorf, K. S., Ullum, H., Hansen, T. F., Middleton, A. & Mors, O., Oct 2017, In: American Journal of Medical Genetics, Part A. 173, 10, p. 2649-2658 10 p.

CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits

Macé, A., Tuke, M. A., Deelen, P., Kristiansson, K., Mattsson, H., Nöukas, M., Sapkota, Y., Schick, U. M., Porcu, E., Rüeger, S., McDaid, A. F., Porteous, D. J., Winkler, T. W., Salvi, E., Shrine, N., Liu, X., Ang, W. Q., Zhang, W., Feitosa, M. F. & Venturini, C. & 86 others, van der Most, P. J., Rosengren, A., Wood, A. R., Beaumont, R. N., Jones, E. S., Ruth, K. S., Yaghootkar, H., Tyrrell, J., Havulinna, A. S., Boers, H., Mägi, R., Kriebel, J., Müller-Nurasyid, M., Perola, M., Nieminen,

M., Lokki, M.-L., Kähönen, M., Viikari, J. S., Geller, F., Lahti, J., Palotie, A., Koponen, P., Lundqvist, A., Rissanen, H., Bottinger, E. P., Afaq, S., Wojczynski, M. K., Lenzini, P., Nolte, I. M., Sparsø, T., Schupf, N., Christensen, K., Perls, T. T., Newman, A. B., Werge, T., Snieder, H., Spector, T. D., Chambers, J. C., Koskinen, S., Melbye, M., Raitakari, O. T., Lehtimäki, T., Tobin, M. D., Wain, L. V., Sinisalo, J., Peters, A., Meitinger, T., Martin, N. G., Wray, N. R., Montgomery, G. W., Medland, S. E., Swertz, M. A., Vartiainen, E., Borodulin, K., Männistö, S., Murray, A., Bochud, M., Jacquemont, S., Rivadeneira, F., Hansen, T. F., Oldehinkel, A. J., Mangino, M., Province, M. A., Deloukas, P., Kooner, J. S., Freathy, R. M., Pennell, C. E., Feenstra, B., Strachan, D. P., Lettre, G., Hirschhorn, J., Cusi, D., Heid, I. M., Hayward, C., Männik, K., Beckmann, J. S., Loos, R. J. F., Nyholt, D. R., Metspalu, A., Eriksson, J. G., Weedon, M. N., Salomaa, V., Franke, L., Reymond, A., Frayling, T. M. & Kutalik, Z., 29 Sept 2017, In: Nature Communications. 8, 1, p. 744

Shared genetic risk between migraine and coronary artery disease: A genome-wide analysis of common variants

Winsvold, B. S., Bettella, F., Witoelar, A., Anttila, V., Gormley, P., Kurth, T., Terwindt, G. M., Freilinger, T. M., Frei, O., Shadrin, A., Wang, Y., Dale, A. M., van den Maagdenberg, A. M. J. M., Nyholt, D. R., Palotie, A., Andreassen, O. A., Zwart, J. A., Artto, V., Belin, A. C. & Boomsma, D. I. & 31 others, Børte, S., Chasman, D. I., Cherkas, L., Cormand, B., Cuenca-Leon, E., Davey-Smith, G., Dichgans, M., van Duijn, C., Eising, E., Esko, T., Ferrari, M., Frants, R. R., Freilinger, T., Furlotte, N., Griffiths, L., Hamalainen, E., Hiekkala, M., Arfan Ikram, M., Järvelin, M. R., Kajanne, R., Kallela, M., Kaprio, J., Kaunisto, M., Kubisch, C., Kurki, M., International Headache Genetics Consortium, Christensen, A. F. (Member of study group), Esserlind, A. L. (Member of study group), Ingason, A. (Member of study group), Hansen, T. F. (Member of study group) & Olesen, J. (Member of study group), 1 Sept 2017, In: PLoS One. 12, 9, e0185663.

Polygenic transmission disequilibrium confirms that common and rare variation act additively to create risk for autism spectrum disorders

Weiner, D. J., Wigdor, E. M., Ripke, S., Walters, R. K., Kosmicki, J. A., Grove, J., Samocha, K. E., Goldstein, J. I., Okbay, A., Bybjerg-Grauholm, J., Werge, T., Hougaard, D. M., Taylor, J., Skuse, D., Devlin, B., Anney, R., Sanders, S. J., Bishop, S., Mortensen, P. B. & Børglum, A. D. & 5 others, Smith, G. D., Daly, M. J., Robinson, E. B., iPSYCH-Broad Autism Group & Hansen, T. F. (Member of study group), Jul 2017, In: Nature Genetics. 49, 7, p. 978-985 8 p.

ASD and schizophrenia show distinct developmental profiles in common genetic overlap with population-based social communication difficulties

St Pourcain, B., Robinson, E. B., Anttila, V., Sullivan, B. B., Maller, J., Golding, J., Skuse, D., Ring, S., Evans, D. M., Zammit, S., Fisher, S. E., Neale, B. M., Anney, R. J. L., Ripke, S., Hollegaard, M. V., Werge, T., Ronald, A., Grove, J., Hougaard, D. M. & Børglum, A. D. & 4 others, Mortensen, P. B., Daly, M. J., Davey Smith, G. & iPSYCH-SSI-Broad Autism Group, 3 Jan 2017, In: Molecular Psychiatry.

Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects

Hansen, T. F. (Member of study group), Werge, T. M. (Member of study group), Olsen, L. (Member of study group), Bertalan, M. (Member of study group) & CNV and Schizophrenia Working Groups of the Psychiatric Genomics Consortium, Jan 2017, In: Nature Genetics. 49, 1, p. 27-35 9 p.

Evaluation of shared genetic susceptibility loci between autoimmune diseases and schizophrenia based on genome-wide association studies

Hoeftding, L. K., Rosengren, A., Thygesen, J. H., Schmock, H., Werge, T. & Hansen, T., Jan 2017, In: Nordic Journal of Psychiatry. 71, 1, p. 20-25 6 p.

Identification of Gene Loci That Overlap Between Schizophrenia and Educational Attainment

Le Hellard, S., Wang, Y., Witoelar, A., Zuber, V., Bettella, F., Hugdahl, K., Espeseth, T., Steen, V. M., Melle, I., Desikan, R., Schork, A. J., Thompson, W. K., Dale, A. M., Djurovic, S., Andreassen, O. A. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, 2017, In: Schizophrenia Bulletin. 43, 3, p. 654-664

Whole transcriptome expression of trigeminal ganglia compared to dorsal root ganglia in Rattus Norvegicus

Kogelman, L. J. A., Christensen, R. E., Pedersen, S. H., Bertalan, M., Hansen, T. F., Jansen-Olesen, I. & Olesen, J., 2017, In: Neuroscience. 350, p. 169-179 11 p.

Digital questionnaire platform in the Danish Blood Donor Study

Burgdorf, K. S., Felsted, N., Mikkelsen, S., Nielsen, M. H., Thørner, L. W., Pedersen, O. B., Sørensen, E., Nielsen, K. R., Bruun, M. T., Werge, T., Erikstrup, C., Hansen, T. & Ullum, H., Oct 2016, In: Computer Methods and Programs in Biomedicine. 135, p. 101-4 4 p.

No Reliable Association between Runs of Homozygosity and Schizophrenia in a Well-Powered Replication Study

Johnson, E. C., Bjelland, D. W., Howrigan, D. P., Abdellaoui, A., Breen, G., Borglum, A., Cichon, S., Degenhardt, F., Forstner, A. J., Frank, J., Genovese, G., Heilmann-Heimbach, S., Herms, S., Hoffman, P., Maier, W., Mattheisen, M., Morris, D., Mowry, B., Müller-Miyasaka, B. & Neale, B. & 14 others, Nenadic, I., Nöthen, M. M., O'Dushlaine, C., Rietschel, M., Ruderfer, D. M., Rujescu, D., Schulze, T. G., Simonson, M. A., Stahl, E., Strohmaier, J., Witt, S. H., Sullivan, P. F., Keller, M. C. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, Oct 2016, In: PLoS Genetics. 12, 10, p. e1006343

Corrigendum: Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine

Gormley, P., Anttila, V., Winsvold, B. S., Palta, P., Esko, T., Pers, T. H., Farh, K.-H., Cuenca-Leon, E., Muona, M., Furlotte, N. A., Kurth, T., Ingason, A., McMahon, G., Ligthart, L., Terwindt, G. M., Kallela, M., Freilinger, T. M., Ran, C., Gordon, S. G. & Stam, A. H. & 31 others, Steinberg, S., Borck, G., Koiranen, M., Quaye, L., Adams, H. H. H., Lehtimäki, T., Sarin, A.-P., Wedenoja, J., Hinds, D. A., Buring, J. E., Schürks, M., Ridker, P. M., Hrafnisdottir, M. G., Stefansson, H., Ring, S. M., Hottenga, J.-J., Penninx, B. W. J. H., Färkkilä, M., Artto, V., Kaunisto, M., Vepsäläinen, S., Malik, R., Heath, A. C., Madden, P. A. F., Martin, N. G., Esserlind, A.-L., Christensen, A. F., Hansen, T. F., Werge, T., Olesen, J. & International Headache Genetics Consortium, 28 Sept 2016, In: Nature Genetics. 48, 10, p. 1296

Genome-Wide Association Studies Suggest Limited Immune Gene Enrichment in Schizophrenia Compared to 5 Autoimmune Diseases

Pouget, J. G., Gonçalves, V. F., Spain, S. L., Finucane, H. K., Raychaudhuri, S., Kennedy, J. L., Knight, J. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, Sept 2016, In: Schizophrenia Bulletin. 42, 5, p. 1176-84 9 p.

Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine

Gormley, P., Anttila, V., Winsvold, B. S., Palta, P., Esko, T., Pers, T. H., Farh, K.-H., Cuenca-Leon, E., Muona, M., Furlotte, N. A., Kurth, T., Ingason, A., McMahon, G., Ligthart, L., Terwindt, G. M., Kallela, M., Freilinger, T. M., Ran, C., Gordon, S. G. & Stam, A. H. & 31 others, Steinberg, S., Borck, G., Koiranen, M., Quaye, L., Adams, H. H. H., Lehtimäki, T., Sarin, A.-P., Wedenoja, J., Hinds, D. A., Buring, J. E., Schürks, M., Ridker, P. M., Hrafnisdottir, M. G., Stefansson, H., Ring, S. M., Hottenga, J.-J., Penninx, B. W. J. H., Färkkilä, M., Artto, V., Kaunisto, M., Vepsäläinen, S., Malik, R., Heath, A. C., Madden, P. A. F., Martin, N. G., Esserlind, A.-L., Christensen, A. F., Hansen, T. F., Werge, T., Olesen, J. & International Headache Genetics Consortium, Aug 2016, In: Nature Genetics. 48, 8, p. 856-66 11 p.

The association between candidate migraine susceptibility loci and severe migraine phenotype in a clinical sample

Esserlind, A.-L., Christensen, A. F., Steinberg, S., Grarup, N., Pedersen, O., Hansen, T., Werge, T., Hansen, T. F., Husemoen, L. L. N., Linneberg, A., Budtz-Jorgensen, E., Westergaard, M. L., Stefansson, H. & Olesen, J., 9 Jun 2016, In: Cephalalgia : an international journal of headache. 36, 7, p. 615-23

Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study

Prins, B. P., Abbasi, A., Wong, A., Vaez, A., Nolte, I., Franceschini, N., Stuart, P. E., Guterriez Achury, J., Mistry, V., Bradfield, J. P., Valdes, A. M., Bras, J., Shatunov, A., Lu, C., Han, B., Raychaudhuri, S., Bevan, S., Mayes, M. D., Tsoi, L. C. & Evangelou, E. & 28 others, Nair, R. P., Grant, S. F. A., Polychronakos, C., Radstake, T. R. D., van Heel, D. A., Dunstan, M. L., Wood, N. W., Al-Chalabi, A., Dehghan, A., Hakonarson, H., Markus, H. S., Elder, J. T., Knight, J., Arking, D. E., Spector, T. D., Koeleman, B. P. C., van Duijn, C. M., Martin, J., Morris, A. P., Weersma, R. K., Wijmenga, C., Munroe, P. B., Perry, J. R. B., Pouget, J. G., Jamshidi, Y., Snieder, H., Alizadeh, B. Z. & PAGE Consortium, Jun 2016, In: PLOS Medicine. 13, 6, p. e1001976

Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women

Mehta, D., Tropf, F. C., Gratten, J., Bakshi, A., Zhu, Z., Bacanu, S.-A., Hemani, G., Magnusson, P. K. E., Barban, N., Esko, T., Metspalu, A., Snieder, H., Mowry, B. J., Kendler, K. S., Yang, J., Visscher, P. M., McGrath, J. J., Mills, M. C., Wray, N. R. & Lee, S. H. & 28 others, Andreassen, O. A., Bramon, E., Bruggeman, R., Buxbaum, J. D., Cairns, M. J., Cantor, R. M., Cloninger, C. R., Cohen, D., Crespo-Facorro, B., Darvasi, A., DeLisi, L. E., Dinan, T., Djurovic, S., Donohoe, G., Drapeau, E., Escott-Price, V., Freimer, N. B., Georgieva, L., de Haan, L., Henskens, F. A., Joa, I., Julià, A., Khrunin, A., Lerer, B., Limborska, S., Loughland, C. M., Macek, M. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, LifeLines Cohort Study, and TwinsUK, 1 May 2016, In: JAMA Psychiatry. 73, 5, p. 497-505 9 p.

Genetic risk for autism spectrum disorders and neuropsychiatric variation in the general population

Robinson, E. B., St Pourcain, B., Anttila, V., Kosmicki, J. A., Bulik-Sullivan, B., Grove, J., Maller, J., Samocha, K. E., Sanders, S. J., Ripke, S., Martin, J., Hollegaard, M. V., Werge, T., Hougaard, D. M., Hansen, T. F., Neale, B. M., Evans, D. M., Skuse, D., Mortensen, P. B. & Børglum, A. D. & 5 others, Ronald, A., Smith, G. D., Daly, M. J., iPSYCH-SSI-Broad Autism Group & Nordentoft, M., May 2016, In: Nature Genetics. 48, 5, p. 552-5 4 p.

Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept

Franke, B., Stein, J. L., Ripke, S., Anttila, V., Hibar, D. P., van Hulzen, K. J. E., Arias-Vasquez, A., Smoller, J. W., Nichols, T. E., Neale, M. C., McIntosh, A. M., Lee, P., McMahon, F. J., Meyer-Lindenberg, A., Mattheisen, M., Andreassen, O. A., Gruber, O., Sachdev, P. S., Roiz-Santiañez, R. & Saykin, A. J. & 15 others, Ehrlich, S., Mather, K. A., Turner, J. A., Schwarz, E., Thalamuthu, A., Yao, Y., Ho, Y. Y. W., Martin, N. G., Wright, M. J., O'Donovan, M. C., Thompson, P. M., Neale, B. M., Medland, S. E., Sullivan, P. F. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, Mar 2016, In: Nature Neuroscience. 19, 3, p. 420-31 12 p.

Estimating Effect Sizes and Expected Replication Probabilities from GWAS Summary Statistics

Holland, D., Wang, Y., Thompson, W. K., Schork, A., Chen, C.-H., Lo, M.-T., Witoelar, A., Werge, T., O'Donovan, M., Andreassen, O. A., Dale, A. M. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, 16 Feb 2016, In: Frontiers in genetics. 7, p. 15

Schizophrenia risk from complex variation of complement component 4

Sekar, A., Bialas, A. R., de Rivera, H., Davis, A., Hammond, T. R., Kamitaki, N., Tooley, K., Presumey, J., Baum, M., Van Doren, V., Genovese, G., Rose, S. A., Handsaker, R. E., Daly, M. J., Carroll, M. C., Stevens, B., McCarroll, S. A. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, Feb 2016, In: Nature. 530, 7589, p. 177-183

Comprehensive analysis of schizophrenia-associated loci highlights ion channel pathways and biologically plausible candidate causal genes

Pers, T. H., Timshel, P., Ripke, S., Lent, S., Sullivan, P. F., O'Donovan, M. C., Franke, L., Hirschhorn, J. N., Schizophrenia Working Group of the Psychiatric Genomics Consortium, Hansen, T. F. (Member of study group), Werge, T. M. (Member of study group) & Olsen, L. (Member of study group), 10 Jan 2016, In: Human Molecular Genetics. 25, 6, p. 1247-1254

Leveraging Genomic Annotations and Pleiotropic Enrichment for Improved Replication Rates in Schizophrenia GWAS

Wang, Y., Thompson, W. K., Schork, A. J., Holland, D., Chen, C.-H., Bettella, F., Desikan, R. S., Li, H. W., Witoelar, A., Zuber, V., Devor, A., Nöthen, M. M., Rietschel, M., Chen, Q., Werge, T., Cichon, S., Weinberger, D. R., Djurovic, S., O'Donovan, M. & Visscher, P. M. & 3 others, Andreassen, O. A., Dale, A. M. & Bipolar Disorder and Schizophrenia Working Group of the Psychiatric Genomics Consortium, Jan 2016, In: P L o S Genetics. 12, 1, p. e1005803 22 p.

RNA Sequencing of Trigeminal Ganglia in Rattus Norvegicus after Glyceryl Trinitrate Infusion with Relevance to Migraine

Hougaard Pedersen, S., Maretty, L., Ramachandran, R., Sibbesen, J. A., Yakimov, V., Elgaard-Christensen, R., Hansen, T. F., Krogh, A., Olesen, J. & Jansen-Olesen, I., 2016, In: P L o S One. 11, 5, p. e0155039

Genome-wide association study reveals greater polygenic loading for schizophrenia in cases with a family history of illness

Bigdeli, T. B., Ripke, S., Bacanu, S.-A., Lee, S. H., Wray, N. R., Gejman, P. V., Rietschel, M., Cichon, S., St Clair, D., Corvin, A., Kirov, G., McQuillin, A., Gurling, H., Rujescu, D., Andreassen, O. A., Werge, T., Blackwood, D. H. R., Pato, C. N., Pato, M. T. & Malhotra, A. K. & 4 others, O'Donovan, M. C., Kendler, K. S., Fanous, A. H. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, 11 Dec 2015, In: American journal of medical genetics. Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics.

An Empirical Bayes Mixture Model for Effect Size Distributions in Genome-Wide Association Studies

Thompson, W. K., Wang, Y., Schork, A. J., Witoelar, A., Zuber, V., Xu, S., Werge, T., Holland, D., Andreassen, O. A., Dale, A. M. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, Dec 2015, In: P L o S Genetics. 11, 12, p. e1005717

Contrasting genetic architectures of schizophrenia and other complex diseases using fast variance-components analysis

Loh, P.-R., Bhatia, G., Gusev, A., Finucane, H. K., Bulik-Sullivan, B. K., Pollack, S. J., de Candia, T. R., Lee, S. H., Wray, N. R., Kendler, K. S., O'Donovan, M. C., Neale, B. M., Patterson, N., Price, A. L. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, Dec 2015, In: Nature Genetics. 47, 12, p. 1385-92 8 p.

Linkage and whole genome sequencing identify a locus on 6q25-26 for formal thought disorder and implicate MEF2A regulation

Thygesen, J. H., Zambach, S. K., Ingason, A., Lundin, P., Hansen, T. F., Berlatan, M., Rosengren, A., Bjerre, D., Ferrero-Miliani, L., Rasmussen, H. B., Parnas, J. & Werge, T., Dec 2015, In: Schizophrenia Research. 169, 1-3, p. 441-446

Identification of rare high-risk copy number variants affecting the dopamine transporter gene in mental disorders

Hoeftding, L. K., Duong, L. T. T., Ingason, A., Rosengren, A., Sorbanski, E., Witt, S. H., Djurovic, S., Andreassen, O. A., Hansen, T. F., Werge, T. & Rasmussen, H. B., 11 Nov 2015, In: *Nordic Journal of Psychiatry*. p. 1-4 4 p.

An atlas of genetic correlations across human diseases and traits

Bulik-Sullivan, B., Finucane, H. K., Anttila, V., Gusev, A., Day, F. R., Loh, P.-R., Duncan, L., Perry, J. R. B., Patterson, N., Robinson, E. B., Daly, M. J., Price, A. L., Neale, B. M. & ReproGen Consortium, Nov 2015, In: *Nature Genetics*. 47, 11, p. 1236-41 6 p.

Partitioning heritability by functional annotation using genome-wide association summary statistics

Finucane, H. K., Bulik-Sullivan, B., Gusev, A., Trynka, G., Reshef, Y., Loh, P.-R., Anttila, V., Xu, H., Zang, C., Farh, K., Ripke, S., Day, F. R., Purcell, S., Stahl, E., Lindstrom, S., Perry, J. R. B., Okada, Y., Raychaudhuri, S., Daly, M. J. & Patterson, N. & 3 others, Neale, B. M., Price, A. L. & ReproGen Consortium, Nov 2015, In: *Nature Genetics*. 47, 11, p. 1228-35 8 p.

Genetic Markers of Human Evolution Are Enriched in Schizophrenia

Srinivasan, S., Bettella, F., Mattingsdal, M., Wang, Y., Witoelar, A., Schork, A. J., Thompson, W. K., Zuber, V., Winsvold, B. S., Zwart, J.-A., Collier, D. A., Desikan, R. S., Melle, I., Werge, T., Dale, A. M., Djurovic, S., Andreassen, O. A. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, The International Headache Genetics Consortium, 21 Oct 2015, In: *Biological Psychiatry*.

Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores

Vilhjálmsdóttir, B. J., Yang, J., Finucane, H. K., Gusev, A., Lindström, S., Ripke, S., Genovese, G., Loh, P.-R., Bhatia, G., Do, R., Hayeck, T., Won, H.-H., Kathiresan, S., Pato, M., Pato, C., Tamimi, R., Stahl, E., Zaitlen, N., Pasaniuc, B. & Belbin, G. & 15 others, Kenny, E. E., Schierup, M. H., De Jager, P., Patsopoulos, N. A., McCarroll, S., Daly, M., Purcell, S., Chasman, D., Neale, B., Goddard, M., Visscher, P. M., Kraft, P., Patterson, N., Price, A. L. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, 1 Oct 2015, In: *American Journal of Human Genetics*. 97, 4, p. 576-92 17 p.

Expression analysis in a rat psychosis model identifies novel candidate genes validated in a large case-control sample of schizophrenia

Ingason, A., Giegling, I., Harmann, A., Genius, J., Konte, B., Fried, M., of the Psychiatric Genomics Consortium, S. W. G., Ripke, S., Sullivan, P. F., St Clair, D., Collier, D., O'Donovan, M. C., Mirnics, K., Rujescu, D., Hansen, T. F., Werge, T. M. & Olsen, L., Oct 2015, In: *Translational Psychiatry*. 5, 10, p. e656 1 p.

New data and an old puzzle: the negative association between schizophrenia and rheumatoid arthritis

Lee, S. H., Byrne, E. M., Hultman, C. M., Kähler, A., Vinkhuyzen, A. A., Ripke, S., Andreassen, O. A., Frisell, T., Gusev, A., Hu, X., Karlsson, R., Mantzioris, V. X., McGrath, J. J., Mehta, D., Stahl, E. A., Zhao, Q., Kendler, K. S., Sullivan, P. F., Price, A. L. & O'Donovan, M. & 31 others, Okada, Y., Mowry, B. J., Raychaudhuri, S., Wray, N. R., Byerley, W., Cahn, W., Cantor, R. M., Cichon, S., Cormican, P., Curtis, D., Djurovic, S., Escott-Price, V., Gejman, P. V., Georgieva, L., Giegling, I., Hansen, T. F., Ingason, A., Kim, Y., Konte, B., Lee, P. H., McIntosh, A., McQuillin, A., Morris, D. W., Nöthen, M. M., O'Dushlaine, C., Olincy, A., Olsen, L., Pato, C. N., Rasmussen, H. B., Werge, T. & Schizophrenia Working Group of the Psychiatric Genomics Consortium and Rheumatoid Arthritis Consortium International, Oct 2015, In: *International Journal of Epidemiology*. 44, 5, p. 1706-1721

LD Score regression distinguishes confounding from polygenicity in genome-wide association studies

Bulik-Sullivan, B. K., Loh, P.-R., Finucane, H. K., Ripke, S., Yang, J., Patterson, N., Daly, M. J., Price, A. L., Neale, B. M. & Schizophrenia Working Group of the Psychiatric Genomics Consortium, Mar 2015, In: *Nature Genetics*. 47, 3, p. 291-5 5 p.

Joint analysis of psychiatric disorders increases accuracy of risk prediction for schizophrenia, bipolar disorder, and major depressive disorder

Maier, R., Moser, G., Chen, G.-B., Ripke, S., Coryell, W., Potash, J. B., Scheftner, W. A., Shi, J., Weissman, M. M., Hultman, C. M., Landén, M., Levinson, D. F., Kendler, K. S., Smoller, J. W., Wray, N. R., Lee, S. H. & Cross-Disorder Working Group of the Psychiatric Genomics Consortium, 5 Feb 2015, In: *American Journal of Human Genetics*. 96, 2, p. 283-94 12 p.

Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways

The Network and Pathway Analysis Subgroup of the Psychiatric Genomics Consortium, 19 Jan 2015, In: Nature Neuroscience.

Combinations of Genetic Data Present in Bipolar Patients, but Absent in Control Persons

Mellerup, E., Andreassen, O. A., Bennike, B., Dam, O. H., Djurovic, S., Hansen, T., Jorgensen, M. B., Kessing, L. V., Koefoed, P., Melle, I., Mors, O., Werge, T. & Moeller, G. L., 2015, In: PLoS One. 10, 11, p. e0143432

Genetic pleiotropy between multiple sclerosis and schizophrenia but not bipolar disorder: differential involvement of immune-related gene loci

Andreassen, O. A., Harbo, H. F., Wang, Y., Thompson, W. K., Schork, A. J., Mattingsdal, M., Zuber, V., Bettella, F., Ripke, S., Kelsoe, J. R., Kendler, K. S., O'Donovan, M. C., Sklar, P., McEvoy, L. K., Desikan, R. S., Lie, B. A., Djurovic, S., Dale, A. M. & The Psychiatric Genomics Consortium (PGC) Bipolar Disorder and Schizophrenia Work Groups, 2015, In: Molecular Psychiatry. 20, 2, p. 207-214 7 p.

Usefulness of the SNP microarray technology to identify rare mutations in the case of perinatal death

Hoeffding, L. K., Kock, K. F., Johnsen, I. G., Hansen, T. & Werge, T., 2015, In: Case Reports in Perinatal Medicine.

Partitioning heritability of regulatory and cell-type-specific variants across 11 common diseases

Gusev, A., Lee, S. H., Trynka, G., Finucane, H., Vilhjálmsson, B. J., Xu, H., Zang, C., Ripke, S., Bulik-Sullivan, B., Stahl, E., Kähler, A. K., Hultman, C. M., Purcell, S. M., McCarroll, S. A., Daly, M., Pasaniuc, B., Sullivan, P. F., Neale, B. M., Wray, N. R. & Raychaudhuri, S. & 3 others, Price, A. L., Schizophrenia Working Group of the Psychiatric Genomics Consortium & Werge, T. M., 6 Nov 2014, In: American Journal of Human Genetics. 95, 5, p. 535-52 18 p.

3D facial landmarks: Inter-operator variability of manual annotation

Fagertun, J., Harder, S., Rosengren, A., Moeller, C., Werge, T., Paulsen, R. R. & Hansen, T., 11 Oct 2014, In: BMC Medical Imaging. 14, 1, p. 35

Polygenic dissection of diagnosis and clinical dimensions of bipolar disorder and schizophrenia

Ruderfer, D. M., Fanous, A. H., Ripke, S., McQuillin, A., Amdur, R. L., Gejman, P. V., O'Donovan, M. C., Andreassen, O. A., Djurovic, S., Hultman, C. M., Kelsoe, J. R., Jamain, S., Landén, M., Leboyer, M., Nimgaonkar, V., Nurnberger, J., Smoller, J. W., Craddock, N., Corvin, A. & Sullivan, P. F. & 4 others, Holmans, P., Sklar, P., Kendler, K. S. & Schizophrenia Working Group of Psychiatric Genomics Consortium, Sept 2014, In: Molecular Psychiatry. 19, 9, p. 1017-24 8 p.

Biological insights from 108 schizophrenia-associated genetic loci

Schizophrenia Working Group of the Psychiatric Genomics Consortium, 24 Jul 2014, In: Nature. 511, 7510, p. 421-7 7 p.

Variability in working memory performance explained by epistasis vs polygenic scores in the ZNF804A pathway

Schizophrenia Psychiatric Genome-wide Association Study (GWAS) Consortium & PGC schizophrenia working group (Thomas M Werge, Thomas Folkmann Hansen, members), 1 Jul 2014, In: JAMA Psychiatry. 71, 7, p. 778-85 8 p.

The one and the many: effects of the cell adhesion molecule pathway on neuropsychological function in psychosis

Hargreaves, A., Anney, R., O'Dushlaine, C., Nicodemus, K. K., Gill, M., Corvin, A., Morris, D., Donohoe, G. & Schizophrenia Psychiatric Genome-Wide Association Study Consortium (PGC-SCZ), Jul 2014, In: Psychological Medicine. 44, 10, p. 2177-87 11 p.

Sequence analysis of 17 NRXN1 deletions

Hoeffding, L. K. E., Hansen, T., Ingason, A., Doung, L., Thygesen, J. H., Møller, R. S., Tommerup, N., Kirov, G., Rujescu, D., Larsen, L. & Werge, T., Jan 2014, In: American journal of medical genetics. Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics. 165, 1, p. 52-61 10 p.

Common variant at 16p11.2 conferring risk of psychosis

Steinberg, S., de Jong, S., Mattheisen, M., Costas, J., Demontis, D., Jamain, S., Pietiläinen, O. P. H., Lin, K., Papiol, S., Huttenlocher, J., Sigurdsson, E., Vassos, E., Giegling, I., Breuer, R., Fraser, G., Walker, N., Melle, I., Djurovic, S., Agartz, I. & Tuulio-Henriksson, A. & 31 others, Suvisaari, J., Lönngqvist, J., Paunio, T., Olsen, L., Hansen, T. F., Ingason, A.,

Pirinen, M., Strengman, E., Hougaard, D. M., Orntoft, T., Didriksen, M., Hollegaard, M. V., Nordentoft, M., Abramova, L., Kaleda, V., Arrojo, M., Sanjuán, J., Arango, C., Etain, B., Bellivier, F., Méary, A., Schürhoff, F., Szoke, A., Ribolsi, M., Magni, V., Siracusano, A., Sperling, S., Rossner, M., Christiansen, C., Werge, T. & GROUP, 2014, In: *Molecular Psychiatry*. 19, p. 108–114

EHMTI-0380. The association of migraine susceptibility loci with severe migraine characteristics in a clinic-based migraine sample

Esserlind, A., Christensen, A., Steinberg, S., Grarup, N., Pedersen, O., Hansen, T., Werge, T., Folkmann-Hansen, T., Husemoen, L., Linneberg, A., Budtz-Jørgensen, E., Westergaard, M. L., Stefansson, H. & Olesen, J., 2014, In: *Journal of Headache and Pain*. 15, 1, p. 1-1 1 p.

Erratum: Sequence analysis of 17 NRXN1 deletions

Hoeffding, L. K., Hansen, T., Ingason, A., Duong, L., Thygesen, J. H., Møller, R. S., Tommerup, N., Kirov, G., Rujescu, D. & Larsen, L. A., 2014, 1 p.

Schizophrenia genetic variants are not associated with intelligence

van Scheltinga, A. F. T., Bakker, S. C., van Haren, N. E. M., Derks, E. M., Buizer-Voskamp, J. E., Cahn, W., Ripke, S., Ophoff, R. A., Kahn, R. S. & Psychiatric Genome-Wide Association Study (GWAS) Consortium, Dec 2013, In: *Psychological Medicine*. 143, 12, p. 2563-2570 8 p.

Genetic analyses of the human eye colours using a novel objective method for eye colour classification

Andersen, J. D., Johansen, J. P., Harder, S., Christoffersen, S. R., Delgado, M. C., Henriksen, S. T., Nielsen, M. M., Sørensen, E., Ullum, H., Hansen, T., Dahl, A. L., Paulsen, R. R., Børsting, C. & Morling, N., Sept 2013, In: *Forensic Science International: Genetics. Supplement Series*. 7, 5, p. 508-15 8 p.

Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs

Lee, S. H., Ripke, S., Neale, B. M., Faraone, S. V., Purcell, S. M., Perlis, R. H., Mowry, B. J., Thapar, A., Goddard, M. E., Witte, J. S., Absher, D., Agartz, I., Akil, H., Amin, F., Andreassen, O. A., Anjorin, A., Anney, R., Anttila, V., Arking, D. E. & Asherson, P. & 31 others, Azevedo, M. H., Backlund, L., Badner, J. A., Bailey, A. J., Banaschewski, T., Barchas, J. D., Barnes, M. R., Barrett, T. B., Bass, N., Battaglia, A., Bauer, M., Bayés, M., Bellivier, F., Bergen, S. E., Berrettini, W., Betancur, C., Bettecken, T., Biederman, J., Binder, E. B., Black, D. W., Blackwood, D. H. R., Bloss, C. S., Boehnke, M., Boomsma, D. I., Breen, G., Hansen, T. F., Ingason, A., Olsen, L., Rasmussen, H. B., Werge, T. & Cross-Disorder Group of the Psychiatric Genomics Consortium, 11 Aug 2013, In: *Nature Genetics*. p. 984-994 11 p.

Genome-wide significant associations in schizophrenia to ITIH3/4, CACNA1C and SDCCAG8, and extensive replication of associations reported by the Schizophrenia PGC

Hamshere, M. L., Walters, J. T. R., Smith, R., Richards, A., Green, E., Grozeva, D., Jones, I., Forty, L., Jones, L. R., Gordon-Smith, K., Riley, B., O'Neill, T., Kendler, K. S., Sklar, P., Purcell, S., Kranz, J., Morris, D. J., Gill, M., Holmans, P. & Craddock, N. & 4 others, Corvin, A., Owen, M. J., O'Donovan, M. C. & The Schizophrenia Psychiatric Genome-wide Association Study Consortium (PGC), Wellcome Trust Case Control Consortium+ (WTCCC+), Wellcome Trust Case Control Consortium 2 (WTCCC2), Jun 2013, In: *Molecular Psychiatry*. 18, 6, p. 708-712 5 p.

Identification of risk loci with shared effects on five major psychiatric disorders: a genome-wide analysis

Cross-Disorder Group of the Psychiatric Genomics Consortium, 20 Apr 2013, In: *Lancet*. 381, 9875, p. 1371-9 9 p.

3D gender recognition using cognitive modeling

Fagertun, J., Andersen, T., Hansen, T. F. & Reinhold Paulsen, R., 4 Apr 2013, In: *international workshop on biometrics and forensics*.

All SNPs are not created equal: genome-wide association studies reveal a consistent pattern of enrichment among functionally annotated SNPs. genome-wide association studies reveal a consistent pattern of enrichment among functionally annotated SNPs

Tobacco and Genetics Consortium & The Schizophrenia Psychiatric Genomics Consortium, Apr 2013, In: *P L o S Genetics*. 9, 4, p. e1003449

Improved detection of common variants associated with schizophrenia and bipolar disorder using pleiotropy-informed conditional false discovery rate

Andreassen, O. A., Thompson, W. K., Schork, A. J., Ripke, S., Mattingdal, M., Kelsoe, J. R., Kendler, K. S., O'Donovan, M. C., Rujescu, D., Werge, T., Sklar, P., Roddey, J. C., Chen, C.-H., McEvoy, L., Desikan, R. S., Djurovic, S., Dale, A. M. & Psychiatric Genomics Consortium (PGC), Apr 2013, In: P L o S Genetics. 9, 4, p. e1003455

Improved Detection of Common Variants Associated with Schizophrenia by Leveraging Pleiotropy with Cardiovascular-Disease Risk Factors

International Consortium for Blood Pressure GWAS & Psychiatric Genomics Consortium Schizophrenia Working Group, Feb 2013, In: American Journal of Human Genetics. 92, 2, p. 197-209 13 p.

Genetic Schizophrenia Risk Variants Jointly Modulate Total Brain and White Matter Volume

Terwisscha van Scheltinga, A. F., Bakker, S. C., van Haren, N. E. M., Derks, E. M., Buizer-Voskamp, J. E., Boos, H. B. M., Cahn, W., Hulshoff Pol, H. E., Ripke, S., Ophoff, R. A., Kahn, R. S. & the Psychiatric Genome-wide Association Study Consortium, 2013, In: Advances in Biological Psychiatry. 73, 6, p. 525-531

Genome-Wide Association Study of Genetic Variants in LPS-Stimulated IL-6, IL-8, IL-10, IL-1ra and TNF- α Cytokine Response in a Danish Cohort

Larsen, M. H., Albrechtsen, A., Thørner, L. W., Werge, T., Hansen, T., Gether, U., Haastrup, E. & Ullum, H., 2013, In: P L o S One. 8, 6, p. e66262

Association between genetic variation in a region on chromosome 11 and schizophrenia in large samples from Europe

Rietschel, M., Mattheisen, M., Degenhardt, F., Kahn, R. S., Linszen, D. H., Os, J. V., Wiersma, D., Bruggeman, R., Cahn, W., de Haan, L., Krabbendam, L., Myin-Germeys, I., Mühleisen, T. W., Kirsch, P., Esslinger, C., Herms, S., Demontis, D., Steffens, M., Strohmaier, J. & Haenisch, B. & 31 others, Breuer, R., Czerski, P. M., Giegling, I., Strengman, E., Schmael, C., Mors, O., Mortensen, P. B., Hougaard, D. M., Orntoft, T., Kapelski, P., Priebe, L., Basmanav, F. B., Forstner, A. J., Hoffmann, P., Meier, S., Nikitopoulos, J., Moebus, S., Alexander, M., Mössner, R., Wichmann, H.-E., Schreiber, S., Rivandeneira, F., Hofman, A., Uitterlinden, A. G., Wienker, T. F., Hansen, T., Ingason, A., Jakobsen, K. D., Döng, L., Werge, T. & GROUP Investigators, Sept 2012, In: Molecular Psychiatry. 17, 9, p. 906-917 12 p.

Genome-wide association study of multiplex schizophrenia pedigrees

Levinson, D. F., Shi, J., Wang, K., Oh, S., Riley, B., Pulver, A. E., Wildenauer, D. B., Laurent, C., Mowry, B. J., Gejman, P. V., Owen, M. J., Kendler, K. S., Nestadt, G., Schwab, S. G., Mallet, J., Nertney, D., Sanders, A. R., Williams, N. M., Wormley, B. & Lasseter, V. K. & 27 others, Albus, M., Godard-Bauché, S., Alexander, M., Duan, J., O'Donovan, M. C., Walsh, D., O'Neill, A., Papadimitriou, G. N., Dikeos, D., Maier, W., Lerer, B., Campion, D., Cohen, D., Jay, M., Fanous, A., Eichhammer, P., Silverman, J. M., Norton, N., Zhang, N., Hakonarson, H., Gao, C., Citri, A., Hansen, M., Ripke, S., Dudbridge, F., Holmans, P. A. & Schizophrenia Psychiatric GWAS Consortium, Sept 2012, In: The American journal of psychiatry. 169, 9, p. 963-73 11 p.

No association of polymorphisms in human endogenous retrovirus K18 and CD48 with schizophrenia

Nyegaard, M., Demontis, D., Thestrup, B. B., Hedemand, A., Sørensen, K. M., Hansen, T., Werge, T., Hougaard, D. M., Yolken, R. H., Mortensen, P. B., Mors, O. & Børglum, A., Jun 2012, In: Psychiatric Genetics. 22, 3, p. 146-8 3 p.

The gene encoding the melanin-concentrating hormone receptor 1 is associated with schizophrenia in a Danish case-control sample

Demontis, D., Nyegaard, M., Christensen, J. H., Severinsen, J. E., Hedemand, A., Hansen, T., Werge, T., Mors, O. & Børglum, A., Apr 2012, In: Psychiatric Genetics. 22, 2, p. 62-9 8 p.

Connection between Genetic and Clinical Data in Bipolar Disorder

Mellerup, E., Andreassen, O., Bennike, B., Dam, O. H., Djurovic, S., Hansen, T., Melle, I., Møller, G. L., Mors, O. & Koefoed, P., 2012, In: P L o S One. 7, 9, p. e44623

Estimating the proportion of variation in susceptibility to schizophrenia captured by common SNPs

Lee, S. H., DeCandia, T. R., Ripke, S., Yang, J., Sullivan, P. F., Goddard, M. E., Keller, M. C., Visscher, P. M., Wray, N. R., Schizophrenia Psychiatric Genome-Wide Association Study Consortium (PGC-SCZ), Hansen, T. F., Ingason, A., Olsen, L., Rasmussen, H. B. & Werge, T. M., 2012, In: Nature Genetics. 44, 3, p. 247-50 4 p.

Expression QTL analysis of top loci from GWAS meta-analysis highlights additional schizophrenia candidate genes

de Jong, S., van Eijk, K. R., Zeegers, D. W. L. H., Strengman, E., Janson, E., Veldink, J. H., van den Berg, L. H., Cahn, W., Kahn, R. S., Boks, M. P. M., Ophoff, R. A. & PGC Schizophrenia (GWAS) Consortium, 2012, In: European Journal of

Gene-Based Analysis of Regionally Enriched Cortical Genes in GWAS Data Sets of Cognitive Traits and Psychiatric Disorders

Ersland, K. M., Christoforou, A., Stansberg, C., Espeseth, T., Mattheisen, M., Mattingsdal, M., Hardarson, G. A., Hansen, T., Fernandes, C. P. D., Giddaluru, S., Breuer, R., Strohmaier, J., Djurovic, S., Nöthen, M. M., Rietschel, M., Lundervold, A. J., Werge, T., Cichon, S., Andreassen, O. A. & Reinvang, I. & 2 others, Steen, V. M. & Le Hellard, S., 2012, In: P L o S One. 7, 2, p. e31687

Genome-wide association study of clinical dimensions of schizophrenia: polygenic effect on disorganized symptoms

Fanous, A. H., Zhou, B., Aggen, S. H., Bergen, S. E., Amdur, R. L., Duan, J., Sanders, A. R., Shi, J., Mowry, B. J., Olincy, A., Amin, F., Cloninger, C. R., Silverman, J. M., Buccola, N. G., Byerley, W. F., Black, D. W., Freedman, R., Dudbridge, F., Holmans, P. A. & Ripke, S. & 8 others, Gejman, P. V., Kendler, K. S., Levinson, D. F., Schizophrenia Psychiatric Genome-Wide Association Study (GWAS) Consortium, Hansen, T. F., Werge, T. M., Olsen, L. & Rasmussen, H. B., 2012, In: American Journal of Psychiatry. 169, 12, p. 1309-17 9 p.

Investigation of the genetic association between quantitative measures of psychosis and schizophrenia: a polygenic risk score analysis

Derks, E. M., Vorstman, J. A. S., Ripke, S., Kahn, R. S., Ophoff, R. A. & Schizophrenia Psychiatric Genomic Consortium, 2012, In: P L o S One. 7, 6, p. e37852

Promoter variants in IL18 are associated with onset of depression in patients previously exposed to stressful-life events

Haastrup, E., Bukh, J. O. D., Bock, C., Vinberg, M., Thørner, L. W., Hansen, T., Werge, T., Kessing, L. V. & Ullum, H., 2012, In: Journal of Affective Disorders. 136, 1-2, p. 134-8 5 p.

Runs of homozygosity implicate autozygosity as a schizophrenia risk factor

Keller, M. C., Simonson, M. A., Ripke, S., Neale, B. M., Gejman, P. V., Howrigan, D. P., Lee, S. H., Lencz, T., Levinson, D. F., Sullivan, P. F. & Schizophrenia Psychiatric Genome-Wide Association Study Consortium, 2012, In: P L o S Genetics. 8, 4, p. e1002656

Copy number variations in affective disorders and meta-analysis

Olsen, L., Hansen, T., Djurovic, S., Haastrup, E., Albrechtsen, A., Høffding, L. K. E., Secher, A., Gustafsson, O., Jakobsen, K. D., Nielsen, F. C., Ullum, H., Morken, G., Agartz, I., Melle, I., Gether, U., Andreassen, O. A. & Werge, T. M., Dec 2011, In: Psychiatric Genetics. 21, 6, p. 319-22 4 p.

Genome-wide association study identifies five new schizophrenia loci

Ripke, S., Sanders, A. R., Kendler, K. S., Levinson, D. F., Sklar, P., Holmans, P. A., Lin, D.-Y., Duan, J., Ophoff, R. A., Andreassen, O. A., Scolnick, E., Cichon, S., St Clair, D., Corvin, A., Gurling, H., Werge, T., Rujescu, D., Blackwood, D. H. R., Pato, C. N. & Malhotra, A. K. & 31 others, Purcell, S., Dudbridge, F., Neale, B. M., Rossin, L., Visscher, P. M., Posthuma, D., Ruderfer, D. M., Fanous, A., Stefansson, H., Steinberg, S., Mowry, B. J., Golimbet, V., De Hert, M., Jönsson, E. G., Bitter, I., Pietiläinen, O. P. H., Collier, D. A., Fink-Jensen, A., Glenthøj, B., Ingason, A., Jakobsen, K. D., Jürgens, G., Nordentoft, M., Olsen, L., Rasmussen, H. B., Thygesen, J. H., Timm, S., Wang, A. G., The Schizophrenia Psychiatric Genome-Wide Association Study (GWAS) Consortium, Werge, T. M. & Hansen, T. F., 18 Sept 2011, In: Nature Genetics. 43, p. 969-976

Genome-wide association study identifies four loci associated with eruption of permanent teeth

Geller, F., Feenstra, B., Zhang, H., Shaffer, J. R., Hansen, T., Esserlind, A.-L., Boyd, H. A., Nohr, E. A., Timpson, N. J., Fatemifar, G., Paternoster, L., Evans, D. M., Weyant, R. J., Levy, S. M., Lathrop, M., Smith, G. D., Murray, J. C., Olesen, J., Werge, T. M. & Marazita, M. L. & 2 others, Sørensen, T. I. A. & Melbye, M., 1 Sept 2011, In: P L o S Genetics. 7, 9, p. e1002275

Combinations of SNPs related to signal transduction in bipolar disorder

Koefoed, P., Andreassen, O. A., Bennike, B., Dam, H., Djurovic, S., Hansen, T., Jørgensen, M. B., Kessing, L. V., Melle, I., Møller, G. L., Mors, O., Werge, T. & Møller, E., 1 Aug 2011, In: P L o S One. 6, 8, p. e23812

Using electronic patient records to discover disease correlations and stratify patient cohorts

Roque, F. S., Jensen, P. B., Schmock, H., Dalgaard, M., Andreatta, M., Hansen, T., Søbey, K., Bredkjær, S., Juul, A., Werge, T., Jensen, L. J. & Brunak, S., 1 Aug 2011, In: P L o S Computational Biology. 7, 8, p. e1002141 10 p.

At-Risk Variant in TCF7L2 for Type II Diabetes Increases Risk of Schizophrenia

Hansen, T., Ingason, A., Djurovic, S., Melle, I., Fenger, M., Gustafsson, O., Jakobsen, K. D., Rasmussen, H. B., Tosato, S., Rietschel, M., Frank, J., Owen, M., Bonetto, C., Suvisaari, J., Thygesen, J. H., Pétursson, H., Lönngqvist, J., Sigurdsson, E., Giegling, I. & Craddock, N. & 12 others, O'Donovan, M. C., Ruggeri, M., Cichon, S., Ophoff, R. A., Pietiläinen, O., Peltonen, L., Nöthen, M. M., Rujescu, D., St Clair, D., Collier, D. A., Andreassen, O. A. & Werge, T., 1 Jul 2011, In: *Biological Psychiatry*. 70, 1, p. 59-63 5 p.

Maternally Derived Microduplications at 15q11-q13: Implication of Imprinted Genes in Psychotic Illness

Ingason, A., Kirov, G., Giegling, I., Hansen, T., Isles, A. R., Jakobsen, K. D., Kristinsson, K. T., le Roux, L., Gustafsson, O., Craddock, N., Möller, H.-J., McQuillin, A., Muglia, P., Cichon, S., Rietschel, M., Ophoff, R. A., Djurovic, S., Andreassen, O. A., Pietiläinen, O. P. H. & Peltonen, L. & 22 others, Dempster, E., Collier, D. A., St Clair, D., Rasmussen, H. B., Glenthøj, B. Y., Kiemeny, L. A., Franke, B., Tosato, S., Bonetto, C., Saemundsen, E., Hreidarsson, S. J., Nöthen, M. M., Gurling, H., O'Donovan, M. C., Owen, M. J., Sigurdsson, E., Petursson, H., Stefansson, H., Rujescu, D., Stefansson, K., Werge, T. & GROUP Investigators, 1 Apr 2011, In: *American Journal of Psychiatry*. 168, 4, p. 408-417 10 p.

Kynurenine 3-monooxygenase (KMO) polymorphisms in schizophrenia: An association study

Holtze, M., Saetre, P., Erhardt, S., Schwieler, L., Werge, T., Hansen, T., Nielsen, J., Djurovic, S., Melle, I., Andreassen, O. A., Hall, H., Terenius, L., Agartz, I., Engberg, G., Jönsson, E. G. & Schalling, M., Apr 2011, In: *Schizophrenia Research*. 127, 1-3, p. 270-2 3 p.

Candidate gene analysis of the human natural killer-1 carbohydrate pathway and perineuronal nets in schizophrenia: B3GAT2 is associated with disease risk and cortical surface area

Kähler, A. K., Djurovic, S., Rimol, L. M., Brown, A. A., Athanasiu, L., Jönsson, E. G., Hansen, T., Gústafsson, O., Hall, H., Giegling, I., Muglia, P., Cichon, S., Rietschel, M., Pietiläinen, O. P. H., Peltonen, L., Bramon, E., Collier, D., St Clair, D., Sigurdsson, E. & Petursson, H. & 8 others, Rujescu, D., Melle, I., Werge, T., Steen, V. M., Dale, A. M., Matthews, R. T., Agartz, I. & Andreassen, O. A., 1 Jan 2011, In: *Biological Psychiatry*. 69, 1, p. 90-6 7 p.

Copy number variations of chromosome 16p13.1 region associated with schizophrenia

Ingason, A., Rujescu, D., Cichon, S., Sigurdsson, E., Sigmundsson, T., Pietiläinen, O. P. H., Buizer-Voskamp, J. E., Strengman, E., Francks, C., Muglia, P., Gylfason, A., Gustafsson, O., Olason, P. I., Steinberg, S., Hansen, T. F., Jakobsen, K. D., Rasmussen, H. B., Giegling, I., Möller, H.-J. & Hartmann, A. & 29 others, Crombie, C., Fraser, G., Walker, N., Lonnqvist, J., Suvisaari, J., Tuulio-Henriksson, A., Bramon, E., Kiemeny, L. A., Franke, B., Murray, R., Vassos, E., Touloupoulou, T., Mühleisen, T. W., Tosato, S., Ruggeri, M., Djurovic, S., Andreassen, O. A., Zhang, Z., Werge, T., Ophoff, R. A., Rietschel, M., Nöthen, M. M., Petursson, H., Stefansson, H., Peltonen, L., Collier, D., Stefansson, K., St Clair, D. M. & GROUP Investigators, 1 Jan 2011, In: *Molecular Psychiatry*. 16, 1, p. 17-25 9 p.

Expanding the range of ZNF804A variants conferring risk of psychosis

Steinberg, S., Mors, O., Børklum, A., Gustafsson, O., Werge, T., Mortensen, P. B., Andreassen, O. A., Sigurdsson, E., Thorgeirsson, T. E., Böttcher, Y., Olason, P., Ophoff, R. A., Cichon, S., Gudjonsdottir, I. H., Pietiläinen, O. P. H., Nyegaard, M., Tuulio-Henriksson, A., Ingason, A., Hansen, T. F. & Athanasiu, L. & 31 others, Suvisaari, J., Lonnqvist, J., Paunio, T., Hartmann, A., Jürgens, G., Nordentoft, M., Hougaard, D., Norgaard-Pedersen, B., Breuer, R., Möller, H.-J., Giegling, I., Glenthøj, B., Rasmussen, H. B., Mattheisen, M., Bitter, I., Réthelyi, J. M., Sigmundsson, T., Fossdal, R., Thorsteinsdottir, U., Ruggeri, M., Tosato, S., Strengman, E., Kiemeny, L. A., Melle, I., Djurovic, S., Abramova, L., Kaleda, V., Walshe, M., Bramon, E., Vassos, E. & Genetic Risk and Outcome in Psychosis, Jan 2011, In: *Molecular Psychiatry*. 16, 1, p. 59-66 8 p.

Dual association of a TRKA polymorphism with schizophrenia

Van Schijndel, J. E., Van Zweeden, M., Van Loo, K. M. J., Djurovic, S., Andreassen, O. A., Hansen, T., Werge, T., Nyegaard, M., Sørensen, K. M., Nordentoft, M., Mortensen, P. B., Mors, O., Børklum, A., Del-Favero, J., Norrback, K.-F., Adolfsson, R., Hert, M. D., Claes, S., Cichon, S. & Rietschel, M. & 4 others, Nöthen, M. M., Kallunki, P., Pedersen, J. T. & Martens, G. J. M., 2011, In: *Psychiatric Genetics*. 21, 3, p. 125-31 7 p.

GWA study data mining and independent replication identify cardiomyopathy-associated 5 (CMYA5) as a risk gene for schizophrenia

Chen, X., Lee, G., Maher, B. S., Fanous, A. H., Chen, J., Zhao, Z., Guo, A., van den Oord, E., Sullivan, P. F., Shi, J., Levinson, D. F., Gejman, P. V., Sanders, A., Duan, J., Owen, M. J., Craddock, N. J., O'Donovan, M. C., Blackman, J., Lewis, D. & Kirov, G. K. & 42 others, Qin, W., Schwab, S., Wildenauer, D., Chowdari, K., Nimgaonkar, V., Straub, R. E., Weinberger, D. R., O'Neill, F. A., Walsh, D., Bronstein, M., Darvasi, A., Lencz, T., Malhotra, A. K., Rujescu, D., Giegling, I.,

Werge, T., Hansen, T. F., Ingason, A., Nöthen, M. M., Rietschel, M., Cichon, S., Djurovic, S., Andreassen, O. A., Cantor, R. M., Ophoff, R., Corvin, A., Morris, D. W., Gill, M., Pato, C. N., Pato, M. T., Macedo, A., Gurling, H. M. D., McQuillin, A., Pimm, J., Hultman, C., Lichtenstein, P., Sklar, P., Purcell, S. M., Scolnick, E., St Clair, D., Blackwood, D. H. R. & Kendler, K. S., 2011, In: *Molecular Psychiatry*. 16, 11, p. 1117-29 13 p.

The Complement Control-Related Genes CSMD1 and CSMD2 Associate to Schizophrenia

Håvik, B., Le Hellard, S., Rietschel, M., Lybæk, H., Djurovic, S., Mattheisen, M., Mühleisen, T. W., Degenhardt, F., Priebe, L., Maier, W., Breuer, R., Schulze, T. G., Agartz, I., Melle, I., Hansen, T., Bramham, C. R., Nöthen, M. M., Stevens, B., Werge, T. & Andreassen, O. A. & 2 others, Cichon, S. & Steen, V. M., 2011, In: *Biological Psychiatry*. 70, 1, p. 35-42 8 p.

Association analysis of PALB2 and BRCA2 in bipolar disorder and schizophrenia in a scandinavian case-control sample

Tesli, M., Athanasiu, L., Mattingdal, M., Kähler, A. K., Gustafsson, O., Andreassen, B. K., Werge, T., Hansen, T., Mors, O., Mellerup, E., Koefod, P., Jönsson, E. G., Agartz, I., Melle, I., Morken, G., Djurovic, S. & Andreassen, O. A., 5 Oct 2010, In: *American journal of medical genetics. Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics*. 153B, 7, p. 1276-82 7 p.

Diastolic dysfunction predicts new-onset atrial fibrillation and cardiovascular events in patients with acute myocardial infarction and depressed left ventricular systolic function: a CARISMA substudy

Jons, C., Joergensen, R. M., Hassager, C., Gang, U. J. O., Dixen, U., Johannessen, A., Olsen, N. T., Hansen, T. F., Messier, M., Huikuri, H. V. & Thomsen, P. E. B., 1 Aug 2010, In: *European journal of echocardiography : the journal of the Working Group on Echocardiography of the European Society of Cardiology*. 11, 7, p. 602-7 6 p.

Polymorphisms in SREBF1 and SREBF2, two antipsychotic-activated transcription factors controlling cellular lipogenesis, are associated with schizophrenia in German and Scandinavian samples

Le Hellard, S., Mühleisen, T. W., Djurovic, S., Fernø, J., Ouriaghi, Z., Mattheisen, M., Vasilescu, C., Raeder, M. B., Hansen, T. F., Strohmaier, J., Georgi, A., Brockschmidt, F. F., Melle, I., Nenadic, I., Sauer, H., Rietschel, M., Nöthen, M. M., Werge, T., Andreassen, O. A. & Cichon, S. & 1 others, Steen, V. M., 1 May 2010, In: *Molecular Psychiatry*. 15, 5, p. 463-72 10 p.

A large replication study and meta-analysis in European samples provides further support for association of AH1 markers with schizophrenia

Ingason, A., Giegling, I., Cichon, S., Hansen, T., Rasmussen, H. B., Nielsen, J., Jürgens, G., Muglia, P., Hartmann, A. M., Strengman, E., Vasilescu, C., Mühleisen, T. W., Djurovic, S., Melle, I., Lerer, B., Möller, H.-J., Francks, C., Pietiläinen, O. P. H., Lonnqvist, J. & Suvisaari, J. & 21 others, Tuulio-Henriksson, A., Walshe, M., Vassos, E., Di Forti, M., Murray, R., Bonetto, C., Tosato, S., Cantor, R. M., Rietschel, M., Craddock, N., Owen, M. J., Peltonen, L., Andreassen, O. A., Nöthen, M. M., St Clair, D., Ophoff, R. A., O'Donovan, M. C., Collier, D. A., Werge, T., Rujescu, D. & GROUP Investigators, 1 Apr 2010, In: *Human Molecular Genetics*. 19, 7, p. 1379-86 8 p.

Association between methylenetetrahydrofolate reductase (MTHFR) C677T polymorphism and age of onset in schizophrenia

Vares, M., Saetre, P., Deng, H., Cai, G., Liu, X., Hansen, T., Rasmussen, H. B., Werge, T., Melle, I., Djurovic, S., Andreassen, O. A., Agartz, I., Hall, H., Terenius, L. & Jönsson, E. G., 5 Mar 2010, In: *American journal of medical genetics. Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics*. 153B, 2, p. 610-8 9 p.

The tryptophan hydroxylase 1 (TPH1) gene, schizophrenia susceptibility, and suicidal behavior: a multi-centre case-control study and meta-analysis

Saetre, P., Lundmark, P., Wang, A., Hansen, T., Rasmussen, H. B., Djurovic, S., Melle, I., Andreassen, O. A., Werge, T., Agartz, I., Hall, H., Terenius, L. & Jönsson, E. G., 5 Mar 2010, In: *American journal of medical genetics. Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics*. 153B, 2, p. 387-96 10 p.

Association study of PDE4B gene variants in Scandinavian schizophrenia and bipolar disorder multicenter case-control samples

Kähler, A. K., Otnaess, M. K., Wirgenes, K. V., Hansen, T., Jönsson, E. G., Agartz, I., Hall, H., Werge, T., Morken, G., Mors, O., Mellerup, E., Dam, H., Koefod, P., Melle, I., Steen, V. M., Andreassen, O. A. & Djurovic, S., 2010, In: *American Journal of Medical Genetics. Part B: Neuropsychiatric Genetics*. 153B, 1, p. 86-96 11 p.

Common variants conferring risk of schizophrenia

Stefansson, H., Ophoff, R. A., Steinberg, S., Andreassen, O. A., Cichon, S., Rujescu, D., Werge, T., Pietiläinen, O. P. H., Mors, O., Mortensen, P. B., Sigurdsson, E., Gustafsson, O., Nyegaard, M., Tuulio-Henriksson, A., Ingason, A., Hansen, T. F., Suvisaari, J., Lonnqvist, J., Paunio, T. & Børglum, A. D. & 31 others, Hartmann, A., Fink-Jensen, A., Nordentoft, M., Hougaard, D., Norgaard-Pedersen, B., Böttcher, Y., Olesen, J., Breuer, R., Möller, H.-J., Giegling, I., Rasmussen, H. B., Timm, S., Mattheisen, M., Bitter, I., Réthelyi, J. M., Magnusdottir, B. B., Sigmundsson, T., Olason, P., Masson, G., Gulcher, J. R., Haraldsson, M., Fossdal, R., Thorgeirsson, T. E., Thorsteinsdottir, U., Ruggeri, M., Tosato, S., Franke, B., Strengman, E., Kiemeny, L. A., Melle, I. & Genetic Risk and Outcome in Psychosis (GROUP), 6 Aug 2009, In: Nature. 460, 7256, p. 744-7 4 p.

An intron 1 polymorphism in the cholecystokinin-A receptor gene associated with schizophrenia in males

Koefoed, P., Hansen, T. V. O., Woldbye, D. P. D., Werge, T., Mors, O., Hansen, T. F., Jakobsen, K. D., Nordentoft, M., Wang, A., Bolwig, T. G. & Rehfeld, J. F., 2009, In: Acta Psychiatrica Scandinavica. 120, 4, p. 281-7 6 p.

A possible association between schizophrenia and GRIK3 polymorphisms in a multicenter sample of Scandinavian origin (SCOPE)

Djurovic, S., Kähler, A. K., Kulle, B., Jönsson, E. G., Agartz, I., Le Hellard, S., Hall, H., Jakobsen, K. D., Hansen, T. F., Melle, I., Werge, T., Steen, V. M. & Andreassen, O. A., 2009, In: Schizophrenia Research. 107, 2-3, p. 242-8 6 p.

CYP2D6 genotype predicts antipsychotic side effects in schizophrenia inpatients: a retrospective matched case-control study

Kobylecki, C. J., Jakobsen, K. D., Hansen, T., Jakobsen, I. V., Rasmussen, H. B. & Werge, T., 2009, In: Neuropsychobiology. 59, 4, p. 222-6 4 p.

Disruption of the neurexin 1 gene is associated with schizophrenia

Rujescu, D., Ingason, A., Cichon, S., Pietiläinen, O. P. H., Barnes, M. R., Touloupoulou, T., Picchioni, M., Vassos, E., Ettinger, U., Bramon, E., Murray, R., Ruggeri, M., Tosato, S., Bonetto, C., Steinberg, S., Sigurdsson, E., Sigmundsson, T., Petursson, H., Gylfason, A. & Olason, P. I. & 33 others, Hardarsson, G., Jonsdottir, G. A., Gustafsson, O., Fossdal, R., Giegling, I., Möller, H.-J., Hartmann, A. M., Hoffmann, P., Crombie, C., Fraser, G., Walker, N., Lonnqvist, J., Suvisaari, J., Tuulio-Henriksson, A., Djurovic, S., Melle, I., Andreassen, O. A., Hansen, T., Werge, T., Kiemeny, L. A., Franke, B., Veltman, J., Buizer-Voskamp, J. E., Sabatti, C., Ophoff, R. A., Rietschel, M., Nöthen, M. M., Stefansson, K., Peltonen, L., St Clair, D., Stefansson, H. & Collier, D. A., 2009, In: Human Molecular Genetics. 18, 5, p. 988-96 8 p.

Evidence for a possible association of neurotrophin receptor (NTRK-3) gene polymorphisms with hippocampal function and schizophrenia

Otnaess, M. K., Djurovic, S., Rimol, L. M., Kulle, B., Kähler, A. K., Jönsson, E. G., Agartz, I., Sundet, K., Hall, H., Timm, S., Hansen, T., Callicott, J. H., Melle, I., Werge, T. & Andreassen, O. A., 2009, In: Neurobiology of Disease. 34, 3, p. 518-24 6 p.

Molecular genetics in schizophrenia: common and rare alleles

Hansen, T. F., 2009, København: University of Copenhagen. 145 p.

Three-cohort targeted gene screening reveals a non-synonymous TRKA polymorphism associated with schizophrenia

van Schijndel, J. E., van Loo, K. M. J., van Zweeden, M., Djurovic, S., Andreassen, O. A., Hansen, T., Werge, T., Kallunki, P., Pedersen, J. T. & Martens, G. J. M., 2009, In: Journal of Psychiatric Research. 43, 15, p. 1195-9 4 p.

Tyrosine hydroxylase Val81Met polymorphism: lack of association with schizophrenia

Andreou, D., Saetre, P., Lundmark, P., Hansen, T., Timm, S., Melle, I., Djurovic, S., Andreassen, O. A., Werge, T., Hall, H., Agartz, I., Terenius, L. & Jönsson, E. G., 2009, In: Psychiatric Genetics. 19, 5, p. 273-4 1 p.

Association analysis of schizophrenia on 18 genes involved in neuronal migration: MDGA1 as a new susceptibility gene

Kähler, A. K., Djurovic, S., Kulle, B., Jönsson, E. G., Agartz, I., Hall, H., Opjordsmoen, S., Jakobsen, K. D., Hansen, T., Melle, I., Werge, T., Steen, V. M. & Andreassen, O. A., 2008, In: American Journal of Medical Genetics. Part B: Neuropsychiatric Genetics. 147B, 7, p. 1089-100 12 p.

Association of a dopamine beta-hydroxylase gene variant with depression in elderly women possibly reflecting noradrenergic dysfunction

Togsverd, M., Werge, T. M., Tankó, L. B., Bagger, Y. Z., Hansen, T., Qin, G., Christiansen, C. & Rasmussen, H. B., 2008, In: Journal of Affective Disorders. 106, 1-2, p. 169-72 4 p.

Large recurrent microdeletions associated with schizophrenia

Stefansson, H., Rujescu, D., Cichon, S., Pietiläinen, O. P. H., Ingason, A., Steinberg, S., Fossdal, R., Sigurdsson, E., Sigmundsson, T., Buizer-Voskamp, J. E., Hansen, T., Jakobsen, K. D., Muglia, P., Francks, C., Matthews, P. M., Gylfason, A., Halldorsson, B. V., Gudbjartsson, D., Thorgeirsson, T. E. & Sigurdsson, A. & 31 others, Jonasdottir, A., Jonasdottir, A., Bjornsson, A., Mattiasdottir, S., Blondal, T., Haraldsson, M., Magnusdottir, B. B., Giegling, I., Möller, H.-J., Hartmann, A., Shianna, K. V., Ge, D., Need, A. C., Crombie, C., Fraser, G., Walker, N., Lonnqvist, J., Suvisaari, J., Tuulio-Henriksson, A., Paunio, T., Touloupoulou, T., Bramon, E., Di Forti, M., Murray, R., Ruggeri, M., Vassos, E., Wang, A. G., Ullum, H., Olesen, J., Werge, T. M. & GROUP, 2008, In: Nature Study. 455, 7210, p. 232-6 5 p.

Reliability of clinical ICD-10 diagnoses among electroconvulsive therapy patients with chronic affective disorders

Jakobsen, K. D., Hansen, T. F., Dam, H., Larsen, E. B., Gether, U. & Werge, T. M., 2008, In: European Journal of Psychiatry. 22, 3, p. 161 172 p.

Submikroskopiske kromosomanomalier som årsag til skizofreni

Hansen, T., Ingason, A. & Werge, T., 2008, In: Ugeskrift for Laeger. 170, 46, p. 3773-6 4 p.

The estrogen hypothesis of schizophrenia implicates glucose metabolism: association study in three independent samples

Olsen, L., Hansen, T., Jakobsen, K. D., Djurovic, S., Melle, I., Agartz, I., Hall, H., Ullum, H., Timm, S., Wang, A. G., Jönsson, E. G., Andreassen, O. A. & Werge, T., 2008, In: B M C Medical Genetics. 9, p. 39

The impact of CYP2D6 and CYP2C19 polymorphisms on suicidal behavior and substance abuse disorder among patients with schizophrenia: a retrospective study

Kobylecki, C. J., Hansen, T. F., Timm, S., Wang, A., Jakobsen, K. D., Sørensen, H. J., Rasmussen, H. B. & Werge, T., 2008, In: Therapeutic Drug Monitoring. 30, 3, p. 265-70 5 p.

Two methylenetetrahydrofolate reductase gene (MTHFR) polymorphisms, schizophrenia and bipolar disorder: an association study

Jönsson, E. G., Larsson, K., Vares, M., Hansen, T., Wang, A. G., Djurovic, S., Rønningen, K. S., Andreassen, O. A., Agartz, I., Werge, T., Terenius, L. & Hall, H., 2008, In: American Journal of Medical Genetics. Part B: Neuropsychiatric Genetics. 147B, 6, p. 976-82 7 p.

Variation in the purinergic P2RX(7) receptor gene and schizophrenia

Hansen, T. F., Jakobsen, K. D., Fenger, M., Nielsen, J., Krane, K., Fink-Jensen, A., Lublin, H., Ullum, H., Timm, S., Wang, A. G., Jørgensen, N. R. & Werge, T., 2008, In: Schizophrenia Research. 104, 1-3, p. 146-52 6 p.

Brain expressed microRNAs implicated in schizophrenia etiology

Hansen, T., Olsen, L., Lindow, M., Jakobsen, K. D., Ullum, H., Jonsson, E., Andreassen, O. A., Djurovic, S., Melle, I., Agartz, I., Hall, H., Timm, S., Wang, A. G. & Werge, T., 2007, In: P L o S One. 2, 9, p. e873

Cognitive performance in elderly women: significance of the 19bp insertion/deletion polymorphism in the 5' flank of the dopamine beta-hydroxylase gene, educational level, body fat measures, serum triglyceride, alcohol consumption and age

Togsverd, M., Werge, T. M., Tankó, L. B., Bagger, Y. Z., Qin, G. G., Hansen, T., Christiansen, C. & Rasmussen, H. B., 2007, In: International Journal of Geriatric Psychiatry. 22, 9, p. 883-9 7 p.

Diagnostic stability among chronic patients with functional psychoses: an epidemiological and clinical study

Jakobsen, K. D., Hansen, T. & Werge, T., 2007, In: B M C Psychiatry. 7, p. 41

Apolipoprotein D is associated with long-term outcome in patients with schizophrenia

Hansen, T. F., Hemmingsen, R. P., Wang, A. G., Olsen, L., Timm, S., Sæbye, K., Jakobsen, K. D., Fenger, M., Parnas, J., Rasmussen, H. B. & Werge, T. M., 2006, In: Pharmacogenomics Journal. 6, 2, p. 120-5 6 p.

Estrogen receptor alpha and risk for cognitive impairment in postmenopausal women

Olsen, L., Rasmussen, H. B., Hansen, T., Bagger, Y. Z., Tankó, L. B., Qin, G., Christiansen, C. & Werge, T., 2006, In: Psychiatric Genetics. 16, 2, p. 85-84 p.

Reliability of clinical ICD-10 schizophrenia diagnoses

Jakobsen, K. D., Frederiksen, J. N., Hansen, T., Jansson, L. B., Parnas, J. & Werge, T., 2005, In: Nord J Psychiatry. 59, 3, p. 209-124 p.

Cancer predisposition in mice deficient for the metastasis-associated Mts1(S100A4) gene

Naaman, C. E. L., Grum-Schwensen, B., Mansouri, A., Grigorian, M., Santoni-Rugiu, E., Hansen, T., Kriajevska, M., Schafer, B. W., Heizmann, C. W., Lukanidin, E. & Ambartsumian, N., 29 Apr 2004, In: Oncogene. 23, 20, p. 3670-3680 11 p.