

Faisal Mohammad Amin
Afdeling for Hjerne- og Nervesygdomme
Afdeling for Hjerne- og Rygmarvsskader



Primære forskningsområder

Migræne
Hovedpine

Ansættelse

Afdeling for Hjerne- og Nervesygdomme
Region Hovedstaden
1 jan. 2015 → present

Afdeling for Hjerne- og Rygmarvsskader
Region Hovedstaden
Glostrup, Danmark
1 jan. 2022 → present

Publikationer

Somatosensory migraine auras evoked by bihemispheric cortical spreading depression events in human parietal cortex
Gollion, C., Christensen, R. H., Ashina, H., Al-Khazali, H. M., Fisher, P. M., Amin, F. M., Lauritzen, M. & Ashina, M., 13 okt. 2024, (E-pub ahead of print) I: Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism. s. 271678X241290606

Average steps per day as marker of treatment response with anti-CGRP mAbs in adults with chronic migraine: a pilot study

Jantzen, F. T., Chaudhry, B. A., Younis, S., Nørgaard, I., Cullum, C. K., Do, T. P., Beier, D. & Amin, F. M., 5 aug. 2024, I: Scientific Reports. 14, 1, s. 18068 18068.

Epidemiology and clinical features of short-lasting unilateral neuralgiform headache attacks: A systematic review and meta-analysis

Larsen, J. G., Henningsen, M. J., Karlsson, W. K., Christensen, R. H., Al-Khazali, H. M., Amin, F. M. & Ashina, H., aug. 2024, I: Cephalalgia : an international journal of headache. 44, 8, s. 3331024241271976

European Headache Federation (EHF) critical re-appraisal and meta-analysis of oral drugs in migraine prevention - part 4: propranolol

Versijpt, J., Deligianni, C., Hussain, M., Amin, F., Reuter, U., Sanchez-Del-Rio, M., Uluduz, D., Boucherie, D., Zeraatkar, D., MaassenVanDenBrink, A., Sacco, S., Lampl, C. & Gil-Gouveia, R., 24 jul. 2024, I: The Journal of Headache and Pain Online. 25, 1, s. 119 119.

Induction of cluster headache after opening of adenosine triphosphate-sensitive potassium channels: a randomized clinical trial

Al-Khazali, H. M., Deligianni, C. I., Pellesi, L., Al-Karagholi, M.A.-M., Ashina, H., Chaudhry, B. A., Petersen, A. S., Jensen, R. H., Amin, F. M. & Ashina, M., 1 jun. 2024, I: Pain. 165, 6, s. 1289-1303 15 s.

Hypersensitivity to CGRP as a predictive biomarker of migraine prevention with erenumab

Al-Khazali, H. M., Ashina, H., Christensen, R. H., Wiggers, A., Rose, K., Iljazi, A., Amin, F. M., Ashina, M., Snellman, J., Maio-Twofoot, T. & Schytz, H. W., jun. 2024, I: Cephalalgia : an international journal of headache. 44, 6, s. 3331024241258734

Challenges in the management of new daily persistent headache at a tertiary headache center-A retrospective real-world evidence study

Linnet, T., Hussein, M., Schytz, H. W., Bendtsen, L. & Amin, F. M., maj 2024, I: Headache Online. 64, 5, s. 509-515 7 s.

Differences in Cortical Morphology in People With and Without Migraine: A Registry for Migraine (REFORM) MRI Study

Christensen, R. H., Ashina, H., Al-Khazali, H. M., Zhang, Y., Tolnai, D., Poulsen, A. H., Cagol, A., Hadjikhani, N., Granziera, C., Amin, F. M. & Ashina, M., maj 2024, I: Neurology. 102, 9, e209305.

Non-vascular ATP-sensitive potassium channel activation does not trigger migraine attacks: A randomized clinical trial

Kokoti, L., Al-Karagholi, M.A.-M., Zhuang, Z. A., Amirgulyev, S., Amin, F. M. & Ashina, M., maj 2024, I: Cephalalgia : an international journal of headache. 44, 5, s. 1-11 11 s.

Hypersensitivity to PACAP-38 in post-traumatic headache: a randomized clinical trial

Al-Khazali, H. M., Christensen, R. H., Dodick, D. W., Chaudhry, B. A., Amin, F. M., Burstein, R. & Ashina, H., 4 apr. 2024, I: Brain : a journal of neurology. 147, 4, s. 1312-1320 9 s.

Clinical features of migraine with aura: a REFORM study

Thomsen, A. V., Ashina, H., Al-Khazali, H. M., Rose, K., Christensen, R. H., Amin, F. M. & Ashina, M., 13 feb. 2024, I: The Journal of Headache and Pain Online. 25, 1, s. 22 22.

Premonitory symptoms in migraine: A REFORM Study

Thuraiiyah, J., Ashina, H., Christensen, R. H., Al-Khazali, H. M., Wiggers, A., Amin, F. M., Steiner, T. J. & Ashina, M., feb. 2024, I: Cephalalgia : an international journal of headache. 44, 2, s. 3331024231223979

Activation of ATP-sensitive potassium channels triggers migraine attacks independent of calcitonin gene-related peptide receptors: a randomized placebo-controlled trial

Raffaelli, B., Do, T. P., Chaudhry, B. A., Amin, F. M., Ashina, H., Snellman, J., Maio-Twofoot, T. & Ashina, M., jan. 2024, I: Cephalalgia : an international journal of headache. 44, 1, 3331024231222916.

Epidemiology and clinical features of paroxysmal hemicrania: A systematic review and meta-analysis

Henningsen, M. J., Larsen, J. G., Karlsson, W. K., Christensen, R. H., Al-Khazali, H. M., Amin, F. M. & Ashina, H., jan. 2024, I: Headache. 64, 1, s. 5-15 11 s.

No wearing-off effect of erenumab or fremanezumab for chronic migraine prevention: a single-center, real-world, observational study

Florescu, A. M., Lannov, L. V., Younis, S., Cullum, C. K., Chaudhry, B. A., Do, T. P. & Amin, F. M., jan. 2024, I: Cephalalgia : an international journal of headache. 44, 1, s. 1-6 6 s.

Calcitonin gene-related peptide causes migraine aura

Al-Khazali, H. M., Ashina, H., Wiggers, A., Rose, K., Iljazi, A., Christensen, R. H., Schytz, H. W., Amin, F. M. & Ashina, M., dec. 2023, I: Journal of Headache and Pain. 24, 1, 124.

Epidemiology and clinical features of hypnic headache: A systematic review and meta-analysis

Melchior, A. G., Ayyoub, A., Christensen, R. H., Al-Khazali, H. M., Amin, F. M. & Ashina, H., dec. 2023, I: Cephalalgia : an international journal of headache. 43, 12, s. 1-10 10 s.

Real-world effectiveness of fremanezumab for the preventive treatment of migraine: Interim analysis of the pan-European, prospective, observational, phase 4 PEARL study

Ashina, M., Mitsikostas, D. D., Amin, F. M., Kokturk, P., Schankin, C. J., Sahin, G., Pozo-Rosich, P., Dorman, P. J., Nežádal, T., Poole, A. C., Martins, I. P., Sumelahti, M.-L., Ramirez Campos, V., Ahn, A. H., Lyras, L. & Tassorelli, C., nov. 2023, I: Cephalalgia : an international journal of headache. 43, 11, s. 3331024231214987

European Headache Federation (EHF) critical reappraisal and meta-analysis of oral drugs in migraine prevention - part 3: topiramate

Raffaelli, B., García-Azorín, D., Boucherie, D. M., Amin, F. M., Deligianni, C. I., Gil-Gouveia, R., Kirsh, S., Lampl, C., Sacco, S., Uluduz, D., Versijpt, J., MaassenVanDenBrink, A., Zeraatkar, D., Sanchez-Del-Rio, M. & Reuter, U., 10 okt. 2023, I: *Journal of Headache and Pain*. 24, 1, 134.

An exploratory analysis of clinical and sociodemographic factors in CGRP-induced migraine attacks: A REFORM study

Al-Khazali, H. M., Ashina, H., Christensen, R. H., Wiggers, A., Rose, K., Iljazi, A., Schytz, H. W., Amin, F. M. & Ashina, M., okt. 2023, I: *Cephalalgia : an international journal of headache*. 43, 10, 3331024231206375.

Migraine in older adults

Hugger, S. S., Do, T. P., Ashina, H., Goicochea, M. T., Jenkins, B., Sacco, S., Lee, M. J., Brennan, K. C., Amin, F. M., Steiner, T. J. & Ashina, M., okt. 2023, I: *The Lancet Neurology*. 22, 10, s. 934-945 12 s.

Menstrual migraine is caused by estrogen withdrawal: revisiting the evidence

Raffaelli, B., Do, T. P., Chaudhry, B. A., Ashina, M., Amin, F. M. & Ashina, H., 21 sep. 2023, I: *Journal of Headache and Pain*. 24, 1, 131.

Neck pain and headache: Pathophysiology, treatments and future directions

Al-Khazali, H. M., Krøll, L. S., Ashina, H., Melo-Carrillo, A., Burstein, R., Amin, F. M. & Ashina, S., aug. 2023, I: *Musculoskeletal science & practice*. 66, 102804.

Future targets for migraine treatment beyond CGRP

Al-Hassany, L., Boucherie, D. M., Creaney, H., van Drie, R. W. A., Farham, F., Favaretto, S., Gollion, C., Grangeon, L., Lyons, H., Marschollek, K., Onan, D., Pensato, U., Stanyer, E., Waliszewska-Prosól, M., Wiels, W., Chen, H. Z., Amin, F. M. & European Headache Federation School of Advanced Studies (EHF-SAS), 28 jun. 2023, I: *Journal of Headache and Pain*. 24, 1, 76.

Correction: The effect of Lu AG09222 on PACAP38- and VIP-induced vasodilation, heart rate increase, and headache in healthy subjects: an interventional, randomized, double-blind, parallel-group, placebo-controlled study

Rasmussen, N. B., Deligianni, C., Christensen, C. E., Karlsson, W. K., Al-Khazali, H. M., Van de Castele, T., Granhall, C., Amin, F. M. & Ashina, M., 19 jun. 2023

The Registry for Migraine (REFORM) study: methodology, demographics, and baseline clinical characteristics

Karlsson, W. K., Ashina, H., Cullum, C. K., Christensen, R. H., Al-Khazali, H. M., Amin, F. M., Ashina, M., REFORM Investigators & Rasmussen, N. B. (Medlem af forfattergruppering), 12 jun. 2023, I: *Journal of Headache and Pain*. 24, 1, 70.

The effect of Lu AG09222 on PACAP38- and VIP-induced vasodilation, heart rate increase, and headache in healthy subjects: an interventional, randomized, double-blind, parallel-group, placebo-controlled study

Rasmussen, N. B., Deligianni, C., Christensen, C. E., Karlsson, W. K., Al-Khazali, H. M., Van de Castele, T., Granhall, C., Amin, F. M. & Ashina, M., 25 maj 2023, I: *Journal of Headache and Pain*. 24, 1, 60.

The increasing role of electronic media in headache

Do, T. P., Andreou, A. P., de Oliveira, A. B., Shapiro, R. E., Lampl, C. & Amin, F. M., 17 maj 2023, I: *BMC Neurology*. 23, 1, 194.

European Headache Federation (EHF) critical re-appraisal and meta-analysis of oral drugs in migraine prevention-part 1: amitriptyline

Lampl, C., Versijpt, J., Amin, F. M., Deligianni, C. I., Gil-Gouveia, R., Jassal, T., MaassenVanDenBrink, A., Ornello, R., Paungartner, J., Sanchez-Del-Rio, M., Reuter, U., Uluduz, D., de Vries, T., Zeraatkar, D. & Sacco, S., 11 apr. 2023, I: *Journal of Headache and Pain*. 24, 1, 39.

Correction: Investigation of cortical thickness and volume during spontaneous attacks of migraine without aura: a 3-Tesla MRI study

Amin, F. M., De Icco, R., Al-Karagholi, M.A.-M., Raghava, J. M., Wolfram, F., Larsson, H. B. W. & Ashina, M., 6 mar. 2023, 1 s.

White matter hyperintensities and cerebral microbleeds in persistent post-traumatic headache attributed to mild traumatic brain injury: a magnetic resonance imaging study

Ashina, H., Christensen, R. H., Al-Khazali, H. M., Iljazi, A., Tolnai, D., Eigenbrodt, A. K., Larsson, H. B. W., Schytz, H. W., Lindberg, U. & Amin, F. M., 24 feb. 2023, I: *Journal of Headache and Pain*. 24, 1, 15.

Migraine attacks are of peripheral origin: the debate goes on

Do, T. P., Hougaard, A., Dussor, G., Brennan, K. C. & Amin, F. M., 10 jan. 2023, I: *Journal of Headache and Pain*. 24, 1, s. 3-3.

Prevalence and clinical features of hemicrania continua in clinic-based studies: A systematic review and meta-analysis

Al-Khazali, H. M., Al-Khazali, S., Iljazi, A., Christensen, R. H., Ashina, S., Lipton, R. B., Amin, F. M. & Ashina, H., jan. 2023, I: *Cephalalgia : an international journal of headache*. 43, 1, s. 3331024221131343

Improved Osteoarthritis during Erenumab Treatment for Migraine: A Case Report

Jantzen, F. T., Christensen, R. H., Chaudhry, B. A. & Amin, F. M., 2023, I: *Case Reports in Neurology*. 15, 1, s. 95-99 5 s.

Measuring Pain Intensity in Headache Trials

Häckert Christensen, R. & Amin, F. M., 2023, *Clinical Scales for Headache Disorders..* Springer Cham, s. 73-79

Real-world efficacy and tolerability of fremanezumab in adults with chronic migraine: a 3-month, single-center, prospective, observational study

Cullum, C. K., Chaudhry, B. A., Do, T. P. & Amin, F. M., 2023, I: *Frontiers in Neurology*. 14, 1226591.

The vascular role of CGRP: a systematic review of human studies

Al-Karagholi, M.A.-M., Kalatharan, V., Fagerberg, P. S. & Amin, F. M., 2023, I: *Frontiers in Neurology*. 14, 1204734.

Interest in and exposure to headache disorders among neurology residents in Denmark: A nationwide cross-sectional survey

Kristensen, M. G. H., Do, T. P., Pozo-Rosich, P. & Amin, F. M., nov. 2022, I: *Acta Neurologica Scandinavica*. 146, 5, s. 568-572 5 s.

CGRP-induced migraine-like headache in persistent post-traumatic headache attributed to mild traumatic brain injury

Ashina, H., Iljazi, A., Al-Khazali, H. M., Do, T. P., Eigenbrodt, A. K., Larsen, E. L., Andersen, A. M., Hansen, K. J., Bräuner, K. B., Chaudhry, B. A., Christensen, C. E., Amin, F. M. & Schytz, H. W., 17 okt. 2022, I: *Journal of Headache and Pain*. 23, 1, s. 1-9 9 s., 135.

European Headache Federation (EHF) consensus on the definition of effective treatment of a migraine attack and of triptan failure

Sacco, S., Lampl, C., Amin, F. M., Braschinsky, M., Deligianni, C., Uludüz, D., Versijpt, J., Ducros, A., Gil-Gouveia, R., Katsarava, Z., Martelletti, P., Ornello, R., Raffaelli, B., Boucherie, D. M., Pozo-Rosich, P., Sanchez-Del-Rio, M., Sinclair, A., Maassen van den Brink, A. & Reuter, U., 12 okt. 2022, I: *Journal of Headache and Pain*. 23, 1, s. 110-110 s., 133.

Cluster headache - The worst possible pain on YouTube

Chaudhry, B. A., Do, T. P., Ashina, H., Ashina, M. & Amin, F. M., okt. 2022, I: *Headache*. 62, 9, s. 1222-1226 5 s.

Guidelines of the International Headache Society for Clinic-Based Headache Registries, 1st edition

Schwedt, T. J., Tassorelli, C., Silberstein, S. D., Szperka, C. L., Kurth, T., Pozo-Rosich, P., Amin, F. M., Lipton, R. B., Dodick, D. W., Ashina, M., Diener, H.-C. & Terwindt, G. M., okt. 2022, I: *Cephalalgia : an international journal of headache*. 42, 11-12, s. 1099-1115 17 s.

Calcitonin Gene-Related Peptide (CGRP) and Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) in Migraine Pathogenesis

Christensen, C. E., Ashina, M. & Amin, F. M., 27 sep. 2022, I: *Pharmaceuticals (Basel, Switzerland)*. 15, 10, 1189.

Total tenderness score and pressure pain thresholds in persistent post-traumatic headache attributed to mild traumatic brain injury

Ashina, H., Al-Khazali, H. M., Iljazi, A., Ashina, S., Amin, F. M. & Schytz, H. W., 8 aug. 2022, I: Journal of Headache and Pain. 23, 1, s. 1-8 8 s., 96.

Effect of KATP channel blocker glibenclamide on PACAP38-induced headache and hemodynamic

Kokoti, L., Al-Mahdi Al-Karagholi, M., Elbahi, F. A., Coskun, H., Ghanizada, H., Amin, F. M. & Ashina, M., aug. 2022, I: Cephalalgia : an international journal of headache. 42, 9, s. 846-858 13 s.

European Headache Federation guideline on the use of monoclonal antibodies targeting the calcitonin gene related peptide pathway for migraine prevention - 2022 update

Sacco, S., Amin, F. M., Ashina, M., Bendtsen, L., Deligianni, C. I., Gil-Gouveia, R., Katsarava, Z., MaassenVanDenBrink, A., Martelletti, P., Mitsikostas, D.-D., Ornello, R., Reuter, U., Sanchez-Del-Rio, M., Sinclair, A. J., Terwindt, G., Uluduz, D., Versijpt, J. & Lampl, C., 11 jun. 2022, I: Journal of Headache and Pain. 23, 1, s. 1-19 19 s., 67.

Functional MRI in migraine

Messina, R., Gollion, C., Christensen, R. H. & Amin, F. M., 1 jun. 2022, I: Current Opinion in Neurology. 35, 3, s. 328-335 8 s.

Imaging the inflammatory phenotype in migraine

Christensen, R. H., Gollion, C., Amin, F. M., Moskowitz, M. A., Hadjikhani, N. & Ashina, M., 1 jun. 2022, I: Journal of Headache and Pain. 23, 1, s. 1-18 18 s., 60.

Plasma Levels of CGRP During a 2-h Infusion of VIP in Healthy Volunteers and Patients With Migraine: An Exploratory Study

Pellesi, L., Al-Karagholi, M.A.-M., De Icco, R., Chaudhry, B. A., Lopez, C. L., Snellman, J., Hannibal, J., Amin, F. M. & Ashina, M., 2022, I: Frontiers in Neurology. 13, s. 1-7 7 s., 871176.

Real-world long-term efficacy and safety of erenumab in adults with chronic migraine: a 52-week, single-center, prospective, observational study

Cullum, C. K., Do, T. P., Ashina, M., Bendtsen, L., Hugger, S. S., Iljazi, A., Gusatovic, J., Snellman, J., Lopez-Lopez, C., Ashina, H. & Amin, F. M., 2022, I: The Journal of Headache and Pain Online. 23, 1, s. 1-8 8 s., 61.

Use of Non-pharmacological Therapies in Individuals With Migraine Eligible for Treatment With Monoclonal Antibodies Targeting Calcitonin Gene-Related Peptide (CGRP)-Signaling: A Single-Center Cross-Sectional Observational Study

Rundblad, L., Cullum, C. K., Sacco, S., Gil-Gouveia, R., Uludüz, D., Do, T. P. & Amin, F. M., 2022, I: Frontiers in pain research (Lausanne, Switzerland). 3, s. 935183 935183.

PEARL study protocol: a real-world study of fremanezumab effectiveness in patients with chronic or episodic migraine

Ashina, M., Amin, F. M., Kokturk, P., Cohen, J. M., Konings, M., Tassorelli, C., Lyras, L. & Mitsikostas, D.-D., nov. 2021, I: Pain Management. 11, 6, s. 647-654 8 s.

Investigation of cortical thickness and volume during spontaneous attacks of migraine without aura: a 3-Tesla MRI study

Amin, F. M., De Icco, R., Al-Karagholi, M. A. M., Raghava, J., Wolfram, F., Larsson, H. B. W. & Ashina, M., 21 aug. 2021, I: Journal of Headache and Pain. 22, 1, s. 98 98.

Effect of Vasoactive Intestinal Polypeptide on Development of Migraine Headaches: A Randomized Clinical Trial

Pellesi, L., Al-Karagholi, M.A.-M., De Icco, R., Coskun, H., Elbahi, F. A., Lopez-Lopez, C., Snellman, J., Hannibal, J., Amin, F. M. & Ashina, M., 4 aug. 2021, I: JAMA network open. 4, 8, s. e2118543 13 s., e2118543.

Cerebrovascular effects of glibenclamide investigated using high-resolution magnetic resonance imaging in healthy volunteers

Al-Karagholi, M.A.-M., Ghanizada, H., Nielsen, C. A. W., Ansari, A., Gram, C., Younis, S., Vestergaard, M. B., Larsson, H. B., Skovgaard, L. T., Amin, F. M. & Ashina, M., jun. 2021, I: Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism. 41, 6, s. 1328-1337 10 s.

Reference programme: diagnosis and treatment of headache disorders and facial pain. Danish Headache Society, 3rd edition, 2020

Schytz, H. W., Amin, F. M., Jensen, R. H., Carlsen, L., Maarbjerg, S., Lund, N., Aegidius, K., Thomsen, L. L., Bach, F. W., Beier, D., Johansen, H., Hansen, J. M., Kasch, H., Munksgaard, S. B., Poulsen, L., Sørensen, P. S., Schmidt-Hansen, P. T., Cvetkovic, V. V., Ashina, M. & Bendtsen, L., 8 apr. 2021, I: Journal of Headache and Pain. 22, 1, s. 22-22.

Importance of Rapid Clinical Recognition of the Anterior Opercular Syndrome (Foix-Chavany-Marie Syndrome): A Case Report

Saidane, H. A., Iversen, H. K., Søndergaard, H. & Amin, F. M., jan. 2021, I: Case Reports in Neurology. 13, 1, s. 166-170 5 s.

Intradural artery dilation during experimentally induced migraine attacks

Christensen, C. E., Younis, S., Lindberg, U., de Koning, P., Tolnai, D., Paulson, O. B., Wiberg Larsson, H. B., Amin, F. M. & Ashina, M., jan. 2021, I: Pain. 162, 1, s. 176-183 8 s.

Nocebo response in human models of migraine: A systematic review and meta-analysis of randomized, double-blind, placebo-controlled, two-way crossover trials in migraine without aura and healthy volunteers

Ghanizada, H., Iljazi, A., Ashina, H., Do, T. P., Al-Karagholi, M.A.-M., Amin, F. M. & Ashina, M., jan. 2021, I: Cephalalgia : an international journal of headache. 41, 1, s. 99-111 13 s.

Sudden Bilateral Deafness in a Patient with Transient Ischemic Attack: A Case Report

Pihl, C. E., Back, C. F., Iversen, H. K. & Amin, F. M., jan. 2021, I: Case Reports in Neurology. 13, 1, s. 119-122 4 s.

A systematic review, meta-analysis and meta-regression evaluating the adverse reactions to erenumab in the preventive treatment of migraine

Pellesi, L., De Icco, R., Alawie, H. Y., Andersen, M., Liang, D., Amirgulyev, S., Al-Karagholi, M.A.-M., Amin, F. M. & Sessa, M., 2021, I: Expert Opinion on Drug Safety. 20, 4, s. 467-474 8 s.

Extreme ecchymoses in a migraine patient using concomitant treatment with calcitonin gene-related peptide receptor antibodies and fish oil supplements: a case report

Cullum, C. K., Olsen, M. K., Kocadag, H. B., Ashina, M. & Amin, F. M., 2021, I: BMC Neurology. 21, 1, s. 1-4 4 s., 257.

Hovedpine og ansigtssmerter

Bendtsen, L., Schytz, H. W., Jensen, R. H., Bach, F. W., Kasch, H., Hansen, J. M., Ashina, M., Antic, S., Scheuer, K. H., Thimsen Pedersen, A., Beier, D., Aegidius, K. L., Vukovic Cvetkovic, V., Lund, N., Hvedstrup, J., Madsen, B. K., Carlsen, L. N., Munksgaard, S. B., Maarbjerg, S. & Jensen, T. S. & 2 flere, RoCHAT, P. B. & Amin, F. M., 2021

Intrakranielt gigantaneurisme som årsag til epileptiske anfald

Saidane, H. A., Iversen, H. K. & Amin, F. M., 2021, I: Ugeskrift for Læger. 183, 7

Psychiatric and cognitive comorbidities of persistent post-traumatic headache attributed to mild traumatic brain injury

Ashina, H., Al-Khazali, H. M., Iljazi, A., Ashina, S., Amin, F. M., Lipton, R. B. & Schytz, H. W., 2021, I: Journal of Headache and Pain. 22, 1, s. 1-10 10 s., 83.

Interrelations between migraine-like headache and persistent post-traumatic headache attributed to mild traumatic brain injury: a prospective diary study

Ashina, H., Iljazi, A., Amin, F. M., Ashina, M., Lipton, R. B. & Schytz, H. W., dec. 2020, I: Journal of Headache and Pain. 21, 1, s. 134-134.

Low plasma levels of calcitonin gene-related peptide in persistent post-traumatic headache attributed to mild traumatic brain injury

Ashina, H., Al-Khazali, H. M., Iljazi, A., Ashina, S., Jørgensen, N. R., Amin, F. M., Ashina, M. & Schytz, H. W., okt. 2020, I: Cephalalgia : an international journal of headache. 40, 12, s. 1276-1282 7 s.

Two-hour infusion of vasoactive intestinal polypeptide induces delayed headache and extracranial vasodilation in healthy volunteers

Pellesi, L., Al-Karagholi, M.A.-M., Chaudhry, B. A., Lopez, C. L., Snellman, J., Hannibal, J., Amin, F. M. & Ashina, M., okt. 2020, I: Cephalalgia : an international journal of headache. 40, 11, s. 1212-1223 12 s.

Cerebrovascular effects of endothelin-1 investigated using high-resolution magnetic resonance imaging in healthy volunteers

Hougaard, A., Younis, S., Iljazi, A., Haanes, K. A., Lindberg, U., Vestergaard, M. B., Amin, F. M., Sugimoto, K., Kruse, L. S., Ayata, C. & Ashina, M., aug. 2020, I: Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism. 40, 8, s. 1685-1694 10 s.

Persistent post-traumatic headache attributed to mild traumatic brain injury: Deep phenotyping and treatment patterns

Ashina, H., Iljazi, A., Al-Khazali, H. M., Ashina, S., Jensen, R. H., Amin, F. M., Ashina, M. & Winther Schytz, H., maj 2020, I: Cephalalgia : an international journal of headache. 40, 6, s. 554-564 11 s.

Plasma Glucose Levels Increase During Spontaneous Attacks of Migraine With and Without Aura

Zhang, D. G., Amin, F. M., Guo, S., Vestergaard, M. B., Hougaard, A. & Ashina, M., apr. 2020, I: Headache. 60, 4, s. 655-664 10 s.

Efficacy, tolerability, and safety of erenumab for the preventive treatment of persistent post-traumatic headache attributed to mild traumatic brain injury: an open-label study

Ashina, H., Iljazi, A., Al-Khazali, H. M., Eigenbrodt, A. K., Larsen, E. L., Andersen, A. M., Hansen, K. J., Bräuner, K. B., Mørch-Jessen, T., Chaudhry, B., Antic, S., Christensen, C. E., Ashina, M., Amin, F. M. & Schytz, H. W., 2020, I: Journal of Headache and Pain. 21, 1, s. 62-

Hypersensitivity to Calcitonin Gene-Related Peptide in Post-Traumatic Headache

Ashina, H., Iljazi, A., Al-Khazali, H. M., Christensen, C. E., Amin, F. M., Ashina, M. & Schytz, H. W., 2020, I: Annals of Neurology. 88, 6, s. 1220-1228 9 s.

Investigation of sumatriptan and ketorolac trometamol in the human experimental model of headache

Ghanizada, H., Al-Karagholi, M.A.-M., Arnglim, N., Mørch-Rasmussen, M., Metcalf-Clausen, M., Larsson, H. B. W., Amin, F. M. & Ashina, M., 2020, I: Journal of Headache and Pain. 21, 1, s. 1-10 19.

REFERENCEPROGRAM: Diagnostik og behandling af hovedpinesygdomme og ansigtssmerter

Bendtsen, L., Amin, F. M., Ashina, M., Carlsen, L. N., Hansen, J. M., Jensen, R. H., Lund, N., Maarbjerg, S., Munksgaard, S. B., Vukovic Cvetkovic, V. & Schytz, H. W., 2020, 3. udg. Dansk Hovedpine Selskab. 87 s.

Volume of the rectus capitis posterior minor muscle in migraine patients: a cross-sectional structural MRI study

Hvedstrup, J., Amin, F. M., Hougaard, A., Ashina, H., Christensen, C. E., Larsson, H. B. W., Ashina, M. & Schytz, H. W., 2020, I: Journal of Headache and Pain. 21, 1, s. 57 02001129.

Functional connectivity studies in migraine: what have we learned?

Skorobogatykh, K., van Hoogstraten, W. S., Degan, D., Prischepa, A., Savitskaya, A., Ileen, B. M., Bentivegna, E., Skiba, I., D'Acunto, L., Ferri, L., Sacco, S., Hansen, J. M., Amin, F. M. & European Headache Federation School of Advanced Studies (EHF-SAS), 20 nov. 2019, I: Journal of Headache and Pain. 20, 1, s. 108 108.

Effect of pituitary adenylate cyclase-activating polypeptide-27 on cerebral hemodynamics in healthy volunteers: A 3T MRI study

Ghanizada, H., Al-Karagholi, M.A.-M., Arnglim, N., Ghanizada, M., Larsson, H. B. W., Amin, F. M. & Ashina, M., nov. 2019, I: Peptides. 121, s. 170134 170134.

Investigating macrophage-mediated inflammation in migraine using ultrasmall superparamagnetic iron oxide-enhanced 3T magnetic resonance imaging

Khan, S., Amin, F. M., Fliedner, F. P., Christensen, C. E., Tolnai, D., Younis, S., Olinger, A. C. R., Birgens, H., Daldrup-Link, H., Kjær, A., Larsson, H. B. W., Lindberg, U. & Ashina, M., okt. 2019, I: Cephalalgia : an international journal of headache. 39, 11, s. 1407-1420 14 s.

Post-traumatic headache: epidemiology and pathophysiological insights

Ashina, H., Porreca, F., Anderson, T., Amin, F. M., Ashina, M., Schytz, H. W. & Dodick, D. W., okt. 2019, I: *Nature reviews. Neurology*. 15, 10, s. 607-617 11 s.

Correction to: Ultra-high field MR angiography in human migraine models: A 3.0 T/7.0 T comparison study (Journal of Headache and Pain (2019) 20: 48 DOI: 10.1186/s10194-019-0996-x)

Christensen, C. E., Younis, S., Lindberg, U., Boer, V. O., de Koning, P., Petersen, E. T., Paulson, O. B., Larsson, H. B. W., Amin, F. M. & Ashina, M., 28 maj 2019, 4 s. *BMC*.

Ultra-high field MR angiography in human migraine models: a 3.0T/7.0T comparison study

Christensen, C. E., Younis, S., Lindberg, U., Boer, V. O., de Koning, P., Petersen, E. T., Paulson, O. B., Larsson, H. B. W., Amin, F. M. & Ashina, M., 6 maj 2019, I: *Journal of Headache and Pain*. 20, 1, s. 1-7 7 s., 48.

Cortical abnormalities in episodic migraine: A multi-center 3T MRI study

Magon, S., May, A., Stankewitz, A., Goadsby, P. J., Schankin, C., Ashina, M., Amin, F. M., Seifert, C. L., Mallar Chakravarty, M., Müller, J. & Sprenger, T., apr. 2019, I: *Cephalalgia : an international journal of headache*. 39, 5, s. 665-673

Effect of hypoxia on BOLD fMRI response and total cerebral blood flow in migraine with aura patients

Arnglim, N., Hougaard, A., Schytz, H. W., Vestergaard, M. B., Britze, J., Amin, F. M., Olsen, K., Larsson, H. B., Olesen, J. & Ashina, M., apr. 2019, I: *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism*. 39, 4, s. 680-689 10 s.

Non-invasive methods for measuring vascular changes in neurovascular headaches

Schytz, H. W., Amin, F. M., Selb, J. & Boas, D. A., apr. 2019, I: *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism*. 39, 4, s. 633-649 17 s.

Sildenafil and calcitonin gene-related peptide dilate intradural arteries: A 3T MR angiography study in healthy volunteers

Christensen, C. E., Amin, F. M., Younis, S., Lindberg, U., de Koning, P., Petersen, E. T., Paulson, O. B., Larsson, H. B. W. & Ashina, M., feb. 2019, I: *Cephalalgia*. 39, 2, s. 264-273 10 s.

Investigation of distinct molecular pathways in migraine induction using calcitonin gene-related peptide and sildenafil

Younis, S., Christensen, C. E., Toft, N. M., Søborg, T., Amin, F. M., Hougaard, A. & Ashina, M., 2019, I: *Cephalalgia : an international journal of headache*. 39, 14, s. 1776-1788 13 s.

Levcromakalim, an Adenosine Triphosphate-Sensitive Potassium Channel Opener, Dilates Extracerebral but not Cerebral Arteries

Al-Karagholi, M.A.-M., Ghanizada, H., Hansen, J. M., Skovgaard, L. T., Olesen, J., Larsson, H. B. W., Amin, F. M. & Ashina, M., 2019, I: *Headache*. 59, 9, s. 1468-1480 13 s.

Altered thalamic connectivity during spontaneous attacks of migraine without aura: A resting-state fMRI study

Amin, F. M., Hougaard, A., Magon, S., Sprenger, T., Wolfram, F., Rostrup, E. & Ashina, M., 2018, I: *Cephalalgia : an international journal of headache*. 38, 7, s. 1237-1244

Convulsive Seizures as Presenting Symptom of Metronidazole-Induced Encephalopathy: A Case Report

Sørensen, C. G., Karlsson, W. K., Amin, F. M. & Lindelof, M., 2018, I: *Neurology*. 10, s. 34-37 4 s.

Reproducibility of migraine-like attacks induced by phosphodiesterase-3-inhibitor cilostazol

Khan, S., Deen, M., Hougaard, A., Amin, F. M. & Ashina, M., 2018, I: *Cephalalgia : an international journal of headache*. 38, 5, s. 892-903

Targeted Pituitary Adenylate Cyclase-Activating Peptide Therapies for Migraine

Vollesen, A. L. H., Amin, F. M. & Ashina, M., 2018, I: *Neurotherapeutics*. 15, 2, s. 371-376 6 s.

Transport of the pituitary adenylate cyclase-activating polypeptide across the blood-brain barrier: implications for migraine
Amin, F. M. & Schytz, H. W., 2018, I: Journal of Headache and Pain. 19, 1, s. 35

Calcitonin gene-related peptide and pain: a systematic review

Schou, W. S., Ashina, S., Amin, F. M., Goadsby, P. J. & Ashina, M., dec. 2017, I: Journal of Headache and Pain. 18, 1, s. 34

Endovascular thrombectomy and post-procedural headache

Khan, S., Amin, F. M., Holtmannspötter, M., Hansen, K., Florescu, A. M., Fakhri-Din, Z., Petersen, J. F., Ghanizada, H., Ayata, C., Gaist, D. & Ashina, M., dec. 2017, I: Journal of Headache and Pain. 18, 1, s. 10

Heterogenous migraine aura symptoms correlate with visual cortex functional magnetic resonance imaging responses

Arngim, N., Hougaard, A., Ahmadi, K., Vestergaard, M. B., Schytz, H. W., Amin, F. M., Larsson, H. B. W., Olesen, J., Hoffmann, M. B. & Ashina, M., dec. 2017, I: Annals of Neurology. 82, 6, s. 925-939 15 s.

Intact blood-brain barrier during spontaneous attacks of migraine without aura: a 3T DCE-MRI study

Amin, F. M., Hougaard, A., Cramer, S. P., Christensen, C. E., Wolfram, F., Larsson, H. B. W. & Ashina, M., sep. 2017, I: European Journal of Neurology. 24, 9, s. 1116-1124 9 s.

Increased brainstem perfusion, but no blood-brain barrier disruption, during attacks of migraine with aura

Hougaard, A., Amin, F. M., Christensen, C. E., Younis, S., Wolfram, F., Cramer, S. P., Larsson, H. B. W. & Ashina, M., 1 jun. 2017, I: Brain. 140, 6, s. 1633-1642 10 s.

Measurement of Blood Flow Velocity in the Middle Cerebral Artery During Spontaneous Migraine Attacks: A Systematic Review

Shayestagul, N. A., Christensen, C. E., Amin, F. M., Ashina, S. & Ashina, M., jun. 2017, I: Headache. 57, 6, s. 852-861 10 s.

Increased intrinsic brain connectivity between pons and somatosensory cortex during attacks of migraine with aura

Hougaard, A., Amin, F. M., Larsson, H. B. W., Rostrup, E. & Ashina, M., maj 2017, I: Human Brain Mapping. 38, 5, s. 2635-2642 8 s.

Part II: Biochemical changes after pituitary adenylate cyclase-activating polypeptide-38 infusion in migraine patients

Guo, S., Vollesen, A. L. H., Hansen, Y. B. L., Frandsen, E., Andersen, M. R., Amin, F. M., Fahrenkrug, J., Olesen, J. & Ashina, M., 1 feb. 2017, I: Cephalalgia : an international journal of headache. 37, 2, s. 136-147

Can migraine aura be provoked experimentally? A systematic review of potential methods for the provocation of migraine aura

Lindblad, M., Hougaard, A., Amin, F. M. & Ashina, M., 2017, I: Cephalalgia : an international journal of headache. 37, 1, s. 74-88

Part I: Pituitary adenylate cyclase-activating polypeptide-38 induced migraine-like attacks in patients with and without familial aggregation of migraine

Guo, S., Vollesen, A. L. H., Hansen, R. D., Esserlind, A.-L., Amin, F. M., Christensen, A. F., Olesen, J. & Ashina, M., 2017, I: Cephalalgia : an international journal of headache. 37, 2, s. 125-135

Post procedure headache in patients treated for neurovascular arteriovenous malformations and aneurysms using endovascular therapy

Khan, S., Amin, F. M., Hauerberg, J., Holtmannspötter, M., Petersen, J. F., Fakhri-Din, Z., Gaist, D. & Ashina, M., dec. 2016, I: Journal of Headache and Pain. 17, 1, s. 73

Change in brain network connectivity during PACAP38-induced migraine attacks: A resting-state functional MRI study

Amin, F. M., Hougaard, A., Magon, S., Asghar, M. S., Ahmad, N. N., Rostrup, E., Sprenger, T. & Ashina, M., 12 jan. 2016, I: Neurology. 86, 2, s. 180-7 8 s.

Migraine induced by hypoxia: a MRI spectroscopy and angiography study

Arnglim, N., Schytz, H. W., Britze, J., Amin, F. M., Vestergaard, M. B., Hougaard, A., Wolfram, F., de Koning, P. J. H., Olsen, K. S., Secher, N. H., Larsson, H. B. W., Olesen, J. & Ashina, M., 2016, I: Brain. 139, Pt. 3, s. 723-37

Sensory migraine aura is not associated with structural grey matter abnormalities

Hougaard, A., Amin, F. M., Arnglim, N., Vlachou, M., Larsen, V. A., Larsson, H. B. W. & Ashina, M., 2016, I: NeuroImage: Clinical. 11, s. 322-7 6 s.

Structural asymmetry of cortical visual areas is related to ocular dominance

Jensen, B. H., Hougaard, A., Amin, F. M., Larsson, H. B. W. & Ashina, M., 2 dec. 2015, I: NeuroReport. 26, 17, s. 1071-6 6 s.

Morphological Abnormalities of Thalamic Subnuclei in Migraine: A Multicenter MRI Study at 3 Tesla

Magon, S., May, A., Stankewitz, A., Goadsby, P. J., Tso, A. R., Ashina, M., Amin, F. M., Seifert, C. L., Chakravarty, M. M., Müller, J. & Sprenger, T., 7 okt. 2015, I: The Journal of Neuroscience : the official journal of the Society for Neuroscience. 35, 40, s. 13800-6 7 s.

No abnormalities of intrinsic brain connectivity in the interictal phase of migraine with aura

Hougaard, A., Amin, F. M., Magon, S., Sprenger, T., Rostrup, E. & Ashina, M., 9 jan. 2015, I: European journal of neurology : the official journal of the European Federation of Neurological Societies. 22, s. 702-10

Structural gray matter abnormalities in migraine relate to headache lateralization, but not aura

Hougaard, A., Amin, F. M., Hoffmann, M. B., Larsson, H. B. W., Magon, S., Sprenger, T. & Ashina, M., jan. 2015, I: Cephalalgia : an international journal of headache. 35, 1, s. 3-9 7 s.

Cerebral Asymmetry of fMRI-BOLD Responses to Visual Stimulation

Hougaard, A., Jensen, B. H., Amin, F. M., Rostrup, E., Hoffmann, M. B. & Ashina, M., 2015, I: P L o S One. 10, 5, s. e0126477

Evidence of a Christmas spirit network in the brain: functional MRI study

Hougaard, A., Lindberg, U., Arnglim, N., Larsson, H. B. W., Olesen, J., Amin, F. M., Ashina, M. & Haddock, B. T., 2015, I: BMJ. 351, s. h6266

Effect of acyclovir and steroid in a young immunocompetent male with herpes zoster myelitis.

El-Safadi, L., Arnglim, N. & Amin, F. M., 15 dec. 2014, I: Ugeskrift for Laeger. 176, 25A

Auxetic coronary stent endoprosthesis: fabrication and structural analysis

Amin, F., Ali, M. N., Ansari, U., Mir, M., Minhas, M. A. & Shahid, W., 30 okt. 2014, I: Journal of applied biomaterials & functional materials. 13, 2, s. 0

Association of acetazolamide infusion with headache and cranial artery dilation in healthy volunteers

Arnglim, N. B., Schytz, H. W., Asghar, M. S., Amin, F. M., Hougaard, A., Larsen, V. A., de Koning, P. J. H., Larsson, H. B. W., Olesen, J. & Ashina, M., aug. 2014, I: Pain. 155, 8, s. 1649-58 10 s.

Interhemispheric differences of fMRI responses to visual stimuli in patients with side-fixed migraine aura

Hougaard, A., Amin, F. M., Hoffmann, M. B., Rostrup, E., Larsson, H. B. W., Asghar, M. S., Larsen, V. A., Olesen, J. & Ashina, M., jun. 2014, I: Human Brain Mapping. 35, 6, s. 2714-2723 9 s.

Migraine and structural abnormalities in the brain

Hougaard, A., Amin, F. M. & Ashina, M., jun. 2014, I: Current Opinion in Neurology. 27, 3, s. 309-14 6 s.

Clinical and physiological characterization of PACAP38-induced headache and migraine

Amin, F. M., 2014

Investigation of the pathophysiological mechanisms of migraine attacks induced by pituitary adenylate cyclase-activating polypeptide-38

Amin, F. M., Hougaard, A., Schytz, H. W., Asghar, M. S., Lundholm, E., Parvaiz, A. I., de Koning, P. J. H., Andersen, M. R., Larsson, H. B. W., Fahrenkrug, J., Olesen, J. & Ashina, M., 2014, I: Brain. 137, s. 779-94 16 s.

Measurement precision and biological variation of cranial arteries using automated analysis of 3 T magnetic resonance angiography

Amin, F. M., Lundholm, E., Hougaard, A., Arngrim, N. B., Wiinberg, L., de Koning, P. J., Larsson, H. B. & Ashina, M., 2014, I: The Journal of Headache and Pain Online. 15, s. 25

Migraine without aura is not associated with incomplete circle of Willis: a case-control study using high-resolution magnetic resonance angiography

Ezzatian-Ahar, S., Amin, F. M., Obaid, H. G., Arngrim, N. B., Hougaard, A., Larsson, H. B. W. & Ashina, M., 2014, I: The Journal of Headache and Pain Online. 15, s. 27

Intracranial and extracranial arteries in migraine - Authors' reply

Amin, F. M., Olesen, J. & Ashina, M., sep. 2013, I: Lancet neurology. 12, 9, s. 848-9 2 s.

The effect of sumatriptan on cephalic arteries: A 3T MR-angiography study in healthy volunteers

Amin, F. M., Asghar, M. S., Ravneberg, J. W., de Koning, P. J. H., Larsson, H. B. W., Olesen, J. & Ashina, M., sep. 2013, I: Cephalalgia : an international journal of headache. 33, 12, s. 1009-16 8 s.

Herpes zoster-myelitis behandlet effektivt med aciclovir og steroid hos en yngre immunkompetent mand

El-safadi, L., Arngrim, N. B. & Amin, F. M., 5 aug. 2013, (E-pub ahead of print) I: Ugeskrift for læger.

Magnetic resonance angiography of intracranial and extracranial arteries in patients with spontaneous migraine without aura: a cross-sectional study

Amin, F. M., Asghar, M. S., Hougaard, A., Hansen, A. E., Larsen, V. A., de Koning, P. J., Larsson, H. B., Olesen, J. & Ashina, M., maj 2013, I: Lancet Neurology Network. 12, 5, s. 454-61 8 s.

Vertebral artery dissection associated with generalized convulsive seizures: a case report

Amin, F. M., Larsen, V. A. & Tfelt-Hansen, P., maj 2013, I: Case Reports in Neurology. 5, 2, s. 125-9 5 s.

Provocation of migraine with aura using natural trigger factors

Hougaard, A., Amin, F. M., Amin, F., Hauge, A. W., Ashina, M. & Olesen, J., 29 jan. 2013, I: Neurology. 80, 5, s. 428-31 4 s.

Julemanden er lige så troværdig som lægen, men venligere

Amin, F. M., West, A. S., Sleiborg Jørgensen, C., Simonsen, S. A., Lindberg, U., Tranum-Jensen, J. & Hougaard, A., 2013, 2 s.

Magnetic resonance angiography reveals intracranial but no extracranial arterial dilatation during migraine attacks

Amin, F. M., Asghar, M. S., Hougaard, A., Hansen, A. E., Larsen, A. V. A., de Koning, P., Larsson, H. B. W., Olesen, J. & Ashina, M., 2013.

Headache and prolonged dilatation of the middle meningeal artery by PACAP38 in healthy volunteers

Amin, F. M., Asghar, M. S., Guo, S., Hougaard, A., Hansen, A. E., Schytz, H. W., van der Geest, R. J., de Koning, P. J., Larsson, H. B., Olesen, J. & Ashina, M., 2012, I: Cephalalgia. 32, 2, s. 140-9 10 s.

Julestemningens cerebrale repræsentation – et tværkulturelt, funktionelt magnetisk resonans-studie

Amin, F. M., Lindberg, U., Raghava, J. M. & Hougaard, A., 2012, 3 s.

Provocation of migraine with aura using natural trigger factors

Hougaard, A., Amin, F. M., Hauge, A. W., Ashina, M. & Olesen, J., 2012.

Evidence for a vascular factor in migraine

Asghar, M. S., Hansen, A. E., Amin, F. M., van der Geest, R. J., Koning, P. V. D., Larsson, H. B. W., Olesen, J. & Ashina, M., 1 apr. 2011, I: *Annals of Neurology*. 69, 4, s. 635-45 11 s.

Priser**Dansk Neurologisk Selskabs Ung Forskerpris 2022**

Amin, F. M. (Modtager), 30 sep. 2022

Hædersmedalje fra Jakobinerklubben

Amin, F. M. (Modtager), 19 apr. 2021

Hæderspris: IHS Headache Science Award 2022

Amin, F. M. (Modtager), 1 nov. 2022