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Steno Diabetes Center Copenhagen  
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Denmark  
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## Main research areas

Obesity epidemiology - causes of obesity and the associated health consequences such as type 2 diabetes and cardiovascular disease  
Life course epidemiology - analyses of patterns in glycaemic control over a life course with diabetes  
Greenland - epidemiological research related to obesity, diabetes and cardiovascular diseases in Greenland

## Qualifications

Folkesundhedsvidenskab, kandidat, University of Copenhagen  
1 Sept 2010 → 28 Jun 2013  
Award Date: 28 Jun 2013  
Folkesundhedsvidenskab, bachelor, University of Copenhagen  
1 Sept 2007 → 5 Jul 2010

## Employment

### Postdoc

Steno Diabetes Center Copenhagen  
The Capital Region of Denmark  
Herlev, Denmark  
1 Nov 2017 → present

### Videnskabelig Assistent

Steno Diabetes Center A/S  
Gentofte, Denmark  
1 Feb 2015 → 31 Dec 2016

### Ph.d.-stipendiat

Aarhus University  
Aarhus, Denmark  
1 Oct 2014 → 30 Sept 2017

### Academic employee

Statens Serum Institut  
Copenhagen S, Denmark  
1 Nov 2013 → 30 Sept 2014

## Research output

### Heterogeneity in glycaemic control in children and adolescents with type 1 diabetes: A latent class trajectory analysis of Danish nationwide data

Wibaek, R., Ibfelt, E. H., Andersen, G. S., Hulman, A., Dabelea, D., Jørgensen, M. E., Svensson, J., Vistisen, D. & Rønn, P. F., Mar 2024, In: Diabetic medicine : a journal of the British Diabetic Association. 41, 3, p. e15275 e15275.

**Incidence of diabetic foot complications in a type 1 and type 2 diabetes population: a Danish register-based cohort study**  
Akerkar, A., Rønn, P. F., Kosjerina, V., Hansen, C. S., Hulman, A., Rasmussen, A., Rossing, P. & Ahluwalia, T. S., 2024, In: Diabetologia. 338.

**Prevalence and incidence of cardiovascular disease in the Danish diabetes population – a register-based cohort study from 1996 to 2022**

Rønn, P. F. & Carstensen, B., 2024.

**Trends in first diabetic foot ulcer in a type-1 and type-2 diabetes population: A retrospective Danish register-based study**

Akerkar, A., Rønn, P. F., Ahluwalia, T. S. & Rossing, P., 2024.

**Endotrophin as a risk marker of mortality and kidney complications in a type 1 diabetes cohort**

Møller, A. L., Tougaard, N. H., Rasmussen, D. G. K., Genovese, F., Rønn, P. F., Hansen, T. W., Karsdal, M. A. & Rossing, P., 2023, In: *Frontiers in molecular biosciences*. 10, p. 1229579 1229579.

**Snackingpræferencer på kontoret i og efter den søde juletid – et hemmeligt interventionsstudie blandt diabetesforskere.**

Senftleber, N., Rønn, P. F., Backe, M. B., Kosjerina, V., Vistisen, D. & Carstensen, B., 2023, In: *Ugeskrift for Læger*.

**Endotrophin as a Marker of Complications in a Type 2 Diabetes Cohort**

Tougaard, N. H., Møller, A. L., Rønn, P. F., Hansen, T. W., Genovese, F., Karsdal, M. A., Guldager Kring Rasmussen, D. & Rossing, P., 1 Nov 2022, In: *Diabetes Care*. 45, 11, p. 2746-2748 3 p.

**Trajectory and predictors of HbA1c in children and adolescents with type 1 diabetes-A Danish nationwide cohort study**

Ibfelt, E. H., Wibæk, R., Vistisen, D., Andersen, G. S., Jørgensen, M. E., Hulman, A., Dabelea, D., Birkebaek, N. H., Svensson, J. & Rønn, P. F., Sept 2022, In: *Pediatric Diabetes*. 23, 6, p. 721-728 8 p.

**MitForskerID vil forbedre adgangen til sundhedsdata i bekæmpelsen af pandemier**

Grunnet, L. G., Rønn, P. F., Christensen, R. W. & Villumsen, M., 8 Jun 2022, In: *Altinget*.

**A large remaining potential in lipid-lowering drug treatment in the type 2 diabetes population: A Danish nationwide cohort study**

Amadid, H., Rønn, P. F., Dunbar, M. B. N., Knudsen, J. S., Carstensen, B., Persson, F. & Jørgensen, M. E., Oct 2021, In: *Diabetes, Obesity and Metabolism*. 23, 10, p. 2354-2363 10 p.

**HETEROGENEITY IN TRAJECTORIES OF GLYCAEMIC CONTROL IN A LARGE COHORT OF CHILDREN AND ADOLESCENTS WITH TYPE-1-DIABETES**

Christensen, R. W., Andersen, G. S., Ibfelt, E. H., Hulman, A., Svensson, J., Dabelea, D., Vistisen, D. & Rønn, P. F., 26 Apr 2021.

**Trajectories and predictors of HbA1c in children and adolescents with type 1 diabetes – a Danish nationwide cohort study**

Ibfelt, E. H., Christensen, R. W., Vistisen, D., Andersen, G. S., Jørgensen, M. E., Hulman, A., Dabelea, D., Birkebaek, N., Svensson, J. & Rønn, P. F., 26 Apr 2021.

**Lifetime risk and years lost to type 1 and type 2 diabetes in Denmark, 1996-2016**

Carstensen, B., Rønn, P. F. & Jørgensen, M. E., 2 Mar 2021, In: *BMJ Open Diabetes Research and Care*. 9, 1, e001065.

**Association between glycaemic outcome and BMI in Danish children with type 1 diabetes in 2000-2018: a nationwide population-based study**

Ibfelt, E. H., Vistisen, D., Falberg Rønn, P., Pørksen, S., Madsen, M., Kremke, B. & Svensson, J., Mar 2021, In: *Diabetic Medicine*. 38, 3, p. e14401 e14401.

**Omega-3 fatty acids and risk of cardiovascular disease in Inuit: First prospective cohort study**

Senftleber, N. K., Albrechtsen, A., Lauritzen, L., Larsen, C. L., Bjerregaard, P., Diaz, L. J., Rønn, P. F. & Jørgensen, M. E., 1 Nov 2020, In: *Atherosclerosis*. 312, p. 28-34 7 p.

**Abdominal visceral and subcutaneous adipose tissue and associations with cardiometabolic risk in Inuit, Africans and Europeans: a cross-sectional study**

Rønn, P. F., Andersen, G. S., Lauritzen, T., Christensen, D. L., Aadahl, M., Carstensen, B., Grarup, N. & Jørgensen, M. E., 14 Sept 2020, In: *BMJ Paediatrics Open*. 10, 9, p. e038071

#### **Components of diabetes prevalence in Denmark 1996-2016 and future trends until 2030**

Carstensen, B., Rønn, P. F. & Jørgensen, M. E., 11 Aug 2020, In: *BMJ Open Diabetes Research and Care*. 8, 1, e001064.

#### **Prevalence, incidence and mortality of type 1 and type 2 diabetes in Denmark 1996-2016**

Carstensen, B., Rønn, P. F. & Jørgensen, M. E., May 2020, In: *BMJ open diabetes research & care*. 8, 1

#### **Trends in HbA1c and LDL Cholesterol in Patients With Type 2 Diabetes Receiving First-Time Treatment in Northern Denmark, 2000-2017: Population-Based Sequential Cross-Sectional Analysis**

Knudsen, J. S., Hulman, A., Rønn, P. F., Lauritzen, T., Sørensen, H. T., Witte, D. R. & Thomsen, R. W., Feb 2020, In: *Diabetes Care*. 43, 2, p. E17-E19 dc190527.

#### **National trends in the use of lipid-lowering drugs among type 2 diabetes patients in Denmark from 1997 to 2017**

Rønn, P. F., Carstensen, B., Knudsen, J. S., Persson, F. & Jørgensen, M. E., 6 Jul 2019, In: *Diabetes*. 68, Suppl 1, 1 p., 1467-P.

#### **Influence of improved metabolic control on cardiovascular risk in children with type 1 diabetes**

Ibfelt, E. H., Vistisen, D., Rønn, P. F. & Svensson, J., May 2019. 1 p.

#### **Associations between birth weight and glucose intolerance in adulthood among Greenlandic Inuit**

Rønn, P. F., Jørgensen, M. E., Smith, L. S., Bjerregaard, P., Dahl-Petersen, I. K., Larsen, C. V. L., Grarup, N. & Andersen, G. S., 1 Apr 2019, In: *Diabetes Research and Clinical Practice*. 150, p. 129-137 9 p.

#### **Validation of cardiovascular diagnoses in the Greenlandic Hospital Discharge Register for epidemiological use**

Tvermosegaard, M., Rønn, P. F., Pedersen, M. L., Bjerregaard, P., Dahl Pedersen, I., Larsen, C. V. L. & Jørgensen, M. E., Dec 2018, In: *International Journal of Circumpolar Health*. 77, 1, p. 1422668

#### **Risk of cardiovascular disease in Greenlandic Inuit with diabetes, defined by different diagnostic criteria**

Byberg, S., Tvermosegaard, M., Larsen, C. V. L., Dahl-Petersen, I. K., Rønn, P. F., Bjerregaard, P. & Jørgensen, M. E., Aug 2018, p. 86. 1 p.

#### **Whole blood mercury and the risk of cardiovascular disease among the Greenlandic population**

Larsen, T. J., Jørgensen, M. E., Larsen, C. V. L., Dahl-Petersen, I. K., Rønn, P. F., Bjerregaard, P. & Byberg, S., 1 Jul 2018, In: *Environmental Research*. 164, p. 310-315 6 p.

#### **Do Greenlandic carriers of the TBC1D4 p.Arg684Ter variant have increased risk of cardiovascular disease?**

Jørgensen, M. E., Tvermosegaard, M., Rønn, P. F., Bjerregaard, P., Dahl-Petersen, I. K., Larsen, C. V. L., Pedersen, M. L., Albrechtsen, A., Moltke, I., Grarup, N. & Hansen, T., Jul 2018, In: *Diabetes*. 67, Suppl 1, 1 p.

#### **Birth weight and glucose metabolism in adulthood among Greenlandic Inuit**

Rønn, P. F., Jørgensen, M. E., Smith, L. S., Bjerregaard, P., Dahl-Petersen, I. K., Larsen, C. V. L., Grarup, N. & Andersen, G. S., 2018.

#### **Birth weight and glucose metabolism in adulthood among Greenlandic Inuit**

Rønn, P. F., Jørgensen, M. E., Smith, L. S., Bjerregaard, P., Dahl-Petersen, I. K., Larsen, C. V. L., Grarup, N. & Andersen, G. S., 2018, p. 12. 1 p.

#### **Trends in prevalence, incidence and mortality of type 1 and type 2 diabetes in Denmark 1996-2016**

Carstensen, B., Rønn, P. F. & Jørgensen, M. E., 2018, In: *Diabetologia*. 61, Suppl1, p. S64 1 p., 123.

#### **The obesity-associated risk of cardiovascular disease and all-cause mortality is not lower in Inuit compared to Europeans: A cohort study of Greenlandic Inuit, Nunavik Inuit and Danes**

Rønn, P. F., Lucas, M., Laouan Sidi, E. A., Tvermosegaard, M., Andersen, G. S., Lauritzen, T., Toft, U., Carstensen, B., Christensen, D. L. & Jørgensen, M. E., 1 Oct 2017, In: *Atherosclerosis*. 265, p. 207-214 8 p.

#### **Metabolically Healthy Obesity and Ischemic Heart Disease: A 10-Year Follow-Up of the Inter99 Study**

Hansen, L., Netterstrøm, M. K., Johansen, N. B., Rønn, P. F., Vistisen, D., Husemoen, L. L. N., Jørgensen, M. E., Rod, N. H. & Færch, K., 1 Jun 2017, In: *The Journal of clinical endocrinology and metabolism*. 102, 6, p. 1934-1942 9 p.

#### **Ethnic differences in anthropometric measures and abdominal fat distribution: a cross-sectional pooled study in Inuit, Africans and Europeans**

Rønn, P. F., Andersen, G. S., Lauritzen, T., Christensen, D. L., Aadahl, M., Carstensen, B. & Jørgensen, M. E., Jun 2017, In: *Journal of Epidemiology & Community Health*. 71, 6, p. 536-543 8 p.

#### **Anthropometric measures and the risk of cardiovascular disease: a comparative cohort study in Inuit and Europeans**

Rønn, P. F., 2017.

#### **Anthropometric measures and the risk of cardiovascular disease: a comparative cohort study in Inuit and Europeans**

Rønn, P. F., Lucas, M., Sidi, E. A. L., Andersen, G. S., Tvermosegaard, M., Lauritzen, T., Toft, U. N., Carstensen, B., Christensen, D. L. & Jørgensen, M. E., 2017.

#### **Obesity-associated cardiometabolic risk: The influence of ethnicity**

Rønn, P. F., 2017

#### **Multi-centre, multi-database studies with common protocols: Lessons learnt from the IMI PROTECT project**

Klungel, O. H., Kurz, X., de Groot, M. C. H., Schlienger, R. G., Tcherny-Lessenot, S., Grimaldi, L., Ibáñez, L., Groenwold, R. H. H., Reynolds, R. F., Alvarez, Y., Candore, G., Durand, J., Slattery, J., Hasford, J., Rottenkolber, M., Schmiedl, S., de Abajo Iglesias, F., Gil, M., Gonzalez, R. & Huerta Alvarez, C. & 31 others, Martin, E., Oliva, B., Requena, G., Amelio, J., Brauer, R., Downey, G., Feudjo-Tepie, M., Schoonen, M., Johansson, S., Robinson, J., Schuerch, M., Tatt, I., Petri, H., Garcia, L. A., Ruigomez, A., Campbell, J., Gallagher, A., Ng, E., van Staa, T. P., Demol, O., Boudiaf, N., Davis, K., Logie, J., Pimenta, J., Beau-Lejdstrom, R., Grimaldi-Bensouda, L., Abenhaim, L., Grimaldi-Bensouda, L., Rønn, P. F., Ali, S. & On behalf of the members of work-package 2 of PROTECT, 1 Mar 2016, In: *Pharmacoepidemiology and Drug Safety*. 25, p. 156-165 10 p.

#### **Associations between Vitamin D Status and Type 2 Diabetes Measures among Inuit in Greenland May Be Affected by Other Factors**

Nielsen, N. O., Bjerregaard, P., Rønn, P. F., Friis, H., Andersen, S., Melbye, M., Lundqvist, M., Cohen, A. S., Hougaard, D. M. & Jørgensen, M. E., 2016, In: *P L o S One*. 11, 4, p. e0152763

Ethnic differences in anthropometric measures and abdominal fat distribution: a comparative study among Inuit, Africans and Europeans

Rønn, P. F., 2016.

Birth weight and risk of adiposity among adult Inuit in Greenland

Rønn, P. F., Smith, L. S., Andersen, G. S., Carstensen, B., Bjerregaard, P. & Jørgensen, M. E., 2014, In: *P L o S One*. 9, 12, p. e115976

#### **Seroepidemiology of pertussis in a cross-sectional study of an adult general population in Denmark**

Rønn, P. F., Dalby, T., Simonsen, J., Jørgensen, C. S., Linneberg, A. & Krogfelt, K. A., 9 Oct 2013, In: *Epidemiology and Infection*. p. 1-9 9 p.

## **Activities**

#### **Trajectories and predictors of HbA1c in children and adolescents with type 1 diabetes – a Danish nationwide cohort study**

Rønn, P. F. (Lecturer)

27 Apr 2021

**European Diabetes Epidemiology Group, EDEG, 2021**

Rønn, P. F. (Participant)

26 Apr 2021

**Scientific presentation**

Rønn, P. F. (Lecturer)

19 Sept 2018 → 27 Sept 2018

**Birth weight and glucose metabolism in adulthood among Greenlandic Inuit**

Rønn, P. F. (Lecturer)

13 Aug 2018

**International Congress of Circumpolar Health, ICCH17, 2018**

Rønn, P. F. (Organizer)

12 Aug 2018 → 15 Aug 2018

**Birth weight and glucose metabolism in adulthood among Greenlandic Inuit**

Rønn, P. F. (Lecturer)

19 May 2018

**Anthropometric measures and the risk of cardiovascular disease: a comparative cohort study in Inuit and Europeans**

Rønn, P. F. (Lecturer)

6 May 2017

**European Diabetes Epidemiology Group, EDEG 2017**

Andersen, G. S. (Participant), Vistisen, D. (Participant), Safai, N. (Participant) & Rønn, P. F. (Speaker)

6 May 2017 → 9 May 2017