

CURRICULUM VITAE

PERSONAL INFORMATION

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CURRENT POSITION

2020 – now **Full-time PhD student**, Kilpeläinen Group, Novo Nordisk Foundation Center for Basic Metabolic Research (CBMR), Faculty of Health and Medical Sciences, UCPH, Denmark. The PhD project is titled “*The role of body fat distribution in the dynamic regulation of blood lipids and adiposity*”.

PREVIOUS POSITIONS

2022 **Research exchange** at **University of Connecticut**, Connecticut, US. I collaborated with Assoc. Prof. Jeanne McCaffery on the project “*Body fat distribution genetic variants as predictors of weight regain*” with data from the Look AHEAD trial. The manuscript was submitted to *Diabetes*.

2019 **Full-time Research Assistant**, Kilpeläinen Group, Novo Nordisk Foundation Center for Basic Metabolic Research (CBMR), Faculty of Health and Medical Sciences, UCPH, Denmark

2015 - 2019 **Student Assistant**, Intomics A/S, Lyngby
Tasks: text mining, administration, quality checking of abstracts, ad hoc tasks

2014 - 2016 **Teaching Assistant**, Technical University of Denmark, Lyngby
- “27002/27008 Life Science”
- “27611 Introduction to Bioinformatics”

EDUCATION

2016 – 2019 **M. Sc. Eng. (Bioinformatics and Systems Biology)**, DTU Bioinformatics, Technical University of Denmark. Thesis title was conducted in collaboration with **Intomics A/S**, Lyngby, Denmark. Additionally, I conducted a research project in collaboration with **IPSYCH**, Institute of Biological Psychiatry, Mental Health Centre Sct Hans, Denmark.

2017 **Full-time exchange student** at **University of Queensland**, Brisbane, Australia. I conducted the project “*Cancer Genomics*” in collaboration with **Lutz Krause Group, Translational Research Institute Woolloongabba, Queensland, Australia**.

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2013 - 2016 **B.Sc. Eng. (Human Life Science Engineering)**, DTU Systems Biology, Technical University of Denmark. Bachelor thesis was conducted in collaboration with Copenhagen Prospective Study on Asthma in Childhood (**COPSAC**), Copenhagen University Hospital, Gentofte, Denmark

EXTRACURRICULAR ACTIVITIES

2020, 2021 **Instructor and co-organizer** of the course “*Reproducible Research in R*”, supported by the Danish Diabetes Academy.

2019 - now **Board member** of “Metabolism Association of Postdocs and Students” (MAPS); a network event for early career scientists at CBMR

2019 **Co-organizer** of “Celebration of Success”; an event at the CBMR where new papers and prizes are celebrated

2014 – 2015 **Mentor** for new students at the Technical University of Denmark

FUNDING

2019 Danish Diabetes Academy 2/3 PhD Scholarship, 1.1 mill. DKK

CONFERENCES

2022 Participated in the **American Society for Human Genetics** conference, Los Angeles, US, where I presented my poster “*Body fat distribution genetic variants as predictors of weight regain after a weight loss intervention*”

2022 Participated in the **American Diabetes Association** conference in New Orleans, US, which focuses on diabetes research, prevention, and care.

2020, 2021 Participated in the **European Society for Human Genetics’** virtual conference 2020 and 2021 where I presented my ePoster “*Abdominal and gluteofemoral fat depots show opposing associations with postprandial lipemia*”

2019 Participated in the **4th Mendelian Randomization Conference**, July 17-19th, MRC integrative Epidemiology unit, Bristol

PUBLICATIONS

Schork, AJ, Won, H, Appadurai, V, Nudel, R, Gandal, M, Delaneau, O, **Christiansen, MR**, Hougaard, DM, Baekved-Hansen, M, et al, T. *A genome-wide association study of shared risk across psychiatric disorders implicates gene regulation during fetal neurodevelopment*. **Nat Neurosci**, 2019. 22(3): p. 353-361.

Hansson LK, Hansen RB, Pletscher-Frankild S, Berzins R, Hansen DH, Madsen D, Christensen SB, **Christiansen MR**, Boulund U, Wolf XA, Kjærulff SK, van de Bunt M, Tulin S, Jensen TS, Wernersson R, Jensen JN. *Semantic text mining in early drug discovery for type 2 diabetes*. **PLoS One**, 15(6): e0233956, 2020, June.

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Christiansen MR, Ureña MG, Borisevich D, Grarup N, Martínez JA, Oppert JM, Sørensen TIA, Hansen T, Blaak EE, and Kilpeläinen TO. *Abdominal and gluteofemoral fat depots show opposing associations with postprandial lipemia*. **The American Journal of Clinical Nutrition**. 2021. nqab219, <https://doi.org/10.1093/ajcn/nqab219>

Carrasquilla GD*, **Christiansen MR*** and Kilpeläinen TO. *The Genetic Basis of Hypertriglyceridemia*. *Curr Atheroscler Rep*. 2021 Jun 19;23(8):39.

Johnston, LW, Juel HB, Lengger B, Witte DR, Chatwin H, **Christiansen MR**, Isaksen AA. r-cubed: Guiding the overwhelmed scientist from random wrangling to Reproducible Research in R. *Journal of Open Source Education*, 4(44), 122. 2021. <https://doi.org/10.21105/jose.00122>

McCaffery JM, Jablonski KA, Pan Q, Astrup A, **Christiansen MR**, Corella D, Corso LML, Florez JC, Franks PW, Gardner C, Hansen T, Kilpeläinen TO, Knowler WC, Lindström J, Saris WHM, Sørensen TIA, Tuomilehto J, Uusitupa M, Wing RR, Agurs-Collins T. *Genetic predictors of change in waist circumference and waist-to-hip ratio with lifestyle intervention: The Trans-NIH consortium for Genetics of Weight Loss Response to Lifestyle Intervention*, *Diabetes*. 2022 Apr 1;71(4):669-676. doi: 10.2337/db21-0741.

Metz S, Krarup NT, Bryrup T, Støy J, Andersson EA, Christoffersen C, Neville MJ, **Christiansen MR**, Jonsson AE, Witte DR, Kampmann U, Nielsen LB, Jørgensen NR, Karpe F, Grarup N, Pedersen O, Kilpeläinen TO, Hansen T.J. *The Arg82Cys Polymorphism of the Protein Nepmucin Implies a Role in HDL Metabolism*. *Endocr Soc*. 2022 Mar 4;6(5):bvac034. eCollection 2022 May 1. doi: 10.1210/jendso/bvac034.

*shared first authorship