

Jenny Censin

Full name: Jenny Charlotta Censin (Sundström)
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Education

- 2017-present **PhD (DPhil) in Clinical Medicine**, University of Oxford, Oxford, UK
- A four-year full-time doctoral program. Focus on identifying sex-specific drugs and biomarkers for obesity and cardiometabolic diseases using big data and statistical genetics.
- Thesis (in progress): *Applying genetic epidemiology to explore sex-specific causes, correlations and consequences of obesity*
- 2010-2015 **Master of Science in Medicine**, Uppsala University, Uppsala, Sweden
- Medical degree ("Läkarprogrammet"). Completed the 5.5-year curriculum in 5 years.
- Thesis: *Effect of oleate isomers on palmitate-induced β -cell failure*
- 2011-2012 **Summer Research School**, Uppsala University, Uppsala, Sweden
- Awarded scholarship to attend Summer Research School for two summers. Introduction to scientific methodology and basic epidemiology. Assisted in the laboratory of Professor Peter Bergsten.
- 2009-2010 **Business Economics**, Stockholm University, Stockholm, Sweden
- One term (30 hp/ECTS). Included for example basic accounting and management organization.

Work Experience

- 2015-2017 **Medical Doctor**, Skaraborg's hospital Skövde, Skövde, Sweden
- Junior doctor (position of "AT-läkare").
- 2011-2015 **Research and Tutoring Positions**, Uppsala University, Uppsala, Sweden
- Part-time tutor in general medicine (Department of Medical Sciences, 2013-2015).
 - Part-time tutor in histology (Department of Medical Cell Biology, 2012-2013).
 - Part-time research and tutoring position (Department of Medical Cell Biology, 2011-2012).
- 2013-2014, summers **Doctor's Assistant Positions**, Västra Götalandsregionen, Sweden
- Assisted doctors in general medicine wards (Skaraborg's hospital Skövde, Skövde, summer of 2013).
 - Treated primary care patients under supervision (Ågårdsskogen Primary Care Centre, Lidköping, summer of 2014).

Honors and Awards

NDM Prize Studentship	£18,000 per annum for four years (2017-2021), payment of University fees, £15,900 for research training and support. Awarded to “outstanding candidates” by the Nuffield Department of Medicine, University of Oxford, Oxford, UK.
Summer Research School Scholarship	20,000 SEK awarded by the Disciplinary Domain of Medicine and Pharmacy, Uppsala University, Uppsala, Sweden (2011-2012).

Publications and Preprints

- 2020 Bovijn J, Krebs K, Chen C-Y, Boxall R, **Censin JC**, Ferreira T, *et al.* Evaluating the cardiovascular safety of sclerostin inhibition using evidence from meta-analysis of clinical trials and human genetics. *Science Translational Medicine*. doi: <https://doi.org/10.1126/scitranslmed.aay6570>.
- 2020 **Censin JC**, Bovijn J, Holmes MV, Lindgren CM. Colocalization highlights genes in hypothalamic – pituitary – gonadal axis as potentially mediating polycystic ovary syndrome risk. *bioRxiv*. doi: <https://doi.org/10.1101/2020.01.10.901116>. Accepted to *European Journal of Human Genetics*.
- 2020 Krebs K, Bovijn J, Zheng N, Lepamets M, **Censin JC**, Jurgenson T, *et al.* Genome-wide study identifies association between HLA-B * 55:01 and self-reported penicillin allergy. *American Journal of Human Genetics*. doi: <https://doi.org/10.1016/j.ajhg.2020.08.008>.
- 2020 Bovijn J, **Censin JC**, Lindgren CM, Holmes MV. Commentary: Using human genetics to guide the repurposing of medicines. *International Journal of Epidemiology*. doi: <https://doi.org/10.1093/ije/dyaa015>. Commentary.
- 2020 Laisk T, Soares ALG, Ferreira T, Painter JN, **Censin JC**, Laber S, *et al.* The genetic architecture of sporadic and multiple consecutive miscarriage. *Nature Communications*. doi: <https://doi.org/10.1038/s41467-020-19742-5>.
- 2020 Glastonbury CA, Pulit SL, Honecker J, **Censin JC**, Laber S, Yaghootkar H, *et al.* Machine Learning based histology phenotyping to investigate the epidemiologic and genetic basis of adipocyte morphology and cardiometabolic traits. *PLoS Computational Biology*. doi: <https://doi.org/10.1371/journal.pcbi.1008044>.
- 2019 **Censin JC**, Bovijn J, Holmes MV, Lindgren CM. Commentary: Mendelian randomization and women’s health. *International Journal of Epidemiology*. doi: <https://doi.org/10.1093/ije/dyz141>. Commentary.
- 2019 **Censin JC**, Sanne A. E. Peters, Bovijn J, Ferreira T, Pulit SL, Magi R, Mahajan A, *et al.* Causal relevance of obesity on the leading causes of death in women and men: A Mendelian randomization study. *PLoS Genetics*. doi: <https://doi.org/10.1371/journal.pgen.1008405>.
- 2019 Bovijn J*, Jackson L*, **Censin J***, Chen C-Y*, Laisk T*, Laber S*, *et al.* GWAS identifies risk locus for erectile dysfunction and implicates hypothalamic neurobiology and diabetes in etiology. *The American Journal of Human Genetics*. doi: <https://doi.org/10.1016/j.ajhg.2018.11.004>. *These authors contributed equally
- 2018 Thomsen SK, Raimondo A, Hastoy B, Sengupta S, Dai X-Q, Bautista A, **Censin, J**, *et al.* Type 2 diabetes risk alleles in PAM impact insulin release from human pancreatic β -cells. *Nature Genetics*. doi: <https://doi.org/10.1038/s41588-018-0173-1>.
- 2017 **Censin JC**, Nowak C, Cooper N, Bergsten P, Todd JA, Fall T. Childhood adiposity and risk of type 1 diabetes: A Mendelian randomization study. *PLoS Medicine*. doi: <https://doi.org/10.1371/journal.pmed.1002362>.

Additional Information and Experiences

Technical skills	Programming in R, python, and Bash/Unix. Version control using git. Proficient in conducting, for example, regression analyses, instrument variable analyses, genome-wide association studies, colocalization, Mendelian randomization, genetic correlation analyses and other medical statistical analyses. Have worked with, for example, PLINK, SNPtest, BOLT-LMM, GCTA, eCAVIAR, Coloc, HyPrColoc. Have also worked with electronic health records, proteomics, transcriptomics and metabolomics data. Proficient at data visualization using the ggplot2 R package and inkscape.
Additional training	Visualize your Science course (4 hp/ECTS at doctoral level, Visualize Your Science AB, Espo, Finland, 2020), Mendelian randomization course (2.5 days, University of Cambridge, Cambridge, UK, 2017), Molecular epidemiology course (2 weeks, Uppsala University, Uppsala, Sweden, 2016), Advanced Wilderness Life Support course (4 days, Adventure Medicine, Stockholm, Sweden, 2016).
Research presentations	Poster presentations at European Society of Human Genetics conference (Gothenburg, Sweden, 2019), Mendelian randomization conference (Bristol, UK, 2019), Oxford MRC-DTP Symposium (Oxford, UK, 2019).
Reviewing experience	Reviewed research articles for <i>Diabetologia</i> , <i>European Journal of Human Genetics</i> , and <i>Human Reproduction</i> .
Exam results	Score of 2.0 (maximum: 2.0) at National University Exam ("Högskoleprovet"), corresponding to score in top 0.7% (Sweden, 2010).
Additional experiences	Deputy board member DS Holding AB (Stockholm, Sweden, 2017-present).
Volunteer work	Job mentor and individual mentor through Mentor Sverige (www.mentor.se). Represented Mentor Sverige in the "Softspot Talks"-project by Fryshuset.
Languages	Swedish (native speaker; C2), English (proficient; C2), Spanish (basic/intermediate; A2/B1).
EU citizen	Yes.
Driver's license	Yes.