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Employment

Specialist physician

Division of Occupational and Environmental Medicine, Lund University

Lund University

Lund, Sweden

2015 Sept 21 → present

Specialist physician

EPI@LUND

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Lund, Sweden

2019 Mar 20 → present

Specialist physician

EpiHealth: Epidemiology for Health
Lund University
Malmö, Sweden
2019 Oct 17 → present

Research project participant

Reproductive medicine, Malmö
Lund University
Malmö, Sweden
2024 Mar 19 → present

Research output

Frequency and spectrum of mutations in human sperm measured using duplex sequencing correlate with trio-based de novo mutation analyses

Axelsson, J., LeBlanc, D., Shojaeisaadi, H., Meier, M. J., Fitzgerald, D. M., Nachmanson, D., Carlson, J., Golubeva, A., Higgins, J., Smith, T., Lo, F. Y., Pilsner, R., Williams, A., Salk, J., Marchetti, F. & Yauk, C., 2024 Oct 8, In: Scientific Reports. 14, 1, p. 23134

How do paternal factors such as diet, smoking, stress, and environmental chemical exposures affect germ cell mutations?
Axelsson, J., Shojaeisaadi, H., Marchetti, F. & Yauk, C., 2023, *Handbook of Andrology: Third Edition*. Robaire, B. & Chan, P. (eds.). 3 ed. p. 179-185

The association between serum estradiol levels and sperm DNA integrity

Lu, V., Svensjö, O. & Axelsson, J., 2022 Jul, In: Environmental and Molecular Mutagenesis. 63, 6, p. 268-274 7 p.

Exposure to polycyclic aromatic hydrocarbons and nicotine, and associations with sperm DNA fragmentation

Axelsson, J., Lindh, C. H. & Giwercman, A., 2022 May, In: Andrology. 10, 4, p. 740-748 9 p.

Decreased sperm counts in Swedish users of oral tobacco

Kimblad, A., Ollvik, G., Lindh, C. H. & Axelsson, J., 2022, In: Andrology. 10, 6, p. 1181-1188

Concentrations and temporal trends in pesticide biomarkers in urine of Swedish adolescents, 2000–2017

Norén, E., Lindh, C., Rylander, L., Glynn, A., Axelsson, J., Littorin, M., Faniband, M., Larsson, E. & Nielsen, C., 2020 Jul 1, In: Journal of Exposure Science and Environmental Epidemiology. 30, 4, p. 756-767 12 p.

Exposure to polychlorinated compounds and cryptorchidism; A nested case-control study

Axelsson, J., Scott, K., Dillner, J., Lindh, C. H., Zhang, H., Rylander, L. & Rignell-Hydbom, A., 2020, In: PLoS ONE. 15, 7, e0236394.

Kemiska bekämpningsmedel

Littorin, M. & Axelsson, J., 2019 Aug 12, *Arbets- och miljömedicin: - en lärobok om hälsa och miljö*. Edling, C., Nordberg, G., Albin, M. & Nordberg, M. (eds.). Fjärde upplagan ed. Lund: Studentlitteratur AB, p. 339-350

Association between paternal smoking at the time of pregnancy and the semen quality in sons

Axelsson, J., Sabra, S., Rylander, L., Rignell-Hydbom, A., Lindh, C. H. & Giwercman, A., 2018, In: PLoS ONE. 13, 11, p. e0207221

No association between body mass index and sperm DNA integrity.

Bandel, I., Bungum, M., Richthoff, J., Malm, J., Axelsson, J., Pedersen, H. S., Ludwicki, J. K., Czaja, K., Hernik, A., Toft, G., Bonde, J. P., Spanò, M., Malm, G., Haugen, T. B. & Giwercman, A., 2015, In: Human Reproduction. 30, 7, p. 1704-1713

Phthalate exposure and reproductive parameters in young men from the general Swedish population.

Axelsson, J., Rylander, L., Rignell-Hydbom, A., Jönsson, B. A., Lindh, C. & Giwercman, A., 2015, In: Environment International. 85, p. 54-60

Prenatal phthalate exposure and reproductive function in young men.

Axelsson, J., Rylander, L., Rignell-Hydbom, A., Lindh, C., Jönsson, B. A. & Giwercman, A., 2015, In: Environmental Research. 138, p. 264-270

Reproductive function in young Swedish men - Time trend, prenatal and adult exposure to smoking and phthalates

Axelsson, J., 2015, Molecular Reproductive Medicine. 75 p.

Tidstrender för perfluorerade ämnen i plasma från svenska kvinnor 1987-2007

Axmon, A., AXELSSON, J., Jakobsson, K., Lindh, C. & Jönsson, B. A., 2014, Arbets- och miljömedicin. 4 p. (Arbets- och miljömedicin Lund; vol. 2014, no. 15)

Time trends between 1987 and 2007 for perfluoroalkyl acids in plasma from Swedish women.

Axmon, A., Axelsson, J., Jakobsson, K., Lindh, C. & Jönsson, B. A., 2014, In: Chemosphere. 102, p. 61-67

The Impact of Paternal and Maternal Smoking on Semen Quality of Adolescent Men.

Axelsson, J., Rylander, L., Rignell-Hydbom, A., Silfver, K. Å., Stenqvist, A. & Giwercman, A., 2013, In: PLoS ONE. 8, 6, e66766.

Association between follicle-stimulating hormone receptor polymorphisms and reproductive parameters in young men from the general population.

Lindgren, I., Giwercman, A., Axelsson, J. & Giwercman, Y., 2012, In: Pharmacogenetics & Genomics. 22, 9, p. 667-672

No secular trend over the last decade in sperm counts among Swedish men from the general population.

Axelsson, J., Rylander, L., Rignell-Hydbom, A. & Giwercman, A., 2011, In: Human Reproduction. 26, p. 1012-1016

Gene-environment interaction and male reproductive function.

Axelsson, J., Bonde, J. P., Giwercman, Y., Rylander, L. & Giwercman, A., 2010, In: Asian Journal of Andrology. 12, p. 298-307

Stable sperm counts during the last 10 years in southernmost Sweden

Axelsson, J., Rylander, L., Rignell-Hydbom, A. & Giwercman, A., 2010, In: International Journal of Andrology. 33, p. 49-49

Tidstrender för och halter av persistenta fluorerade, klorerade och bromerade organiska miljögifter i serum samt ftalater i urin hos unga svenska män - Resultat från den tredje uppföljningsundersökningen år 2009-2010

Jönsson, B. A., Axmon, A., Lindh, C., Rignell-Hydbom, A., Axelsson, J., Giwercman, A. & Bergman, Å., 2010, Arbets- och miljömedicin. (Arbets- och miljömedicin Lund; vol. 2010)

Retrospektiva studier av halterna av perfluorerade ämnen i plasma hos kvinnor mellan 1987 och 2007: Rapport till Naturvårdsverket - 2009-03-31. Överenskommelse 2190802

Jönsson, B. A., Axmon, A., Axelsson, J. & Lindh, C., 2009, Lund: Arbets- och miljömedicin. 15 p. (Arbets- och miljömedicin Lund; vol. 2009)