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Forskning

Indira is a bioinformatician who obtained a Ph.D. degree from the Department of Translational Medicine of Lund University, Sweden in 2022. She also has a master's degree in Biotechnology. In 2016 she started a career at Lund University as a data scientist in the fields of proteogenomics associated with cancer and reproductive medicine. Fields in which she is currently focused.

Anställning

Statistiker

Klinisk kemi, Malmö
Lunds universitet
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2016 jan. 13 → present

Bioinformatiker

Clinical Protein Science and Imaging
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Forskningsoutput

Regulation of human oocyte maturation in vivo during the final maturation of follicles

Cadenas, J., Poulsen, L. C., Nikiforov, D., Grøndahl, M. L., Kumar, A., Bahnu, K., Englund, A. L. M., Malm, J., Marko-Varga, G., Pla, I., Sanchez, A., Pors, S. E. & Yding Andersen, C., 2023 apr. 1, I: Human Reproduction. 38, 4, s. 686-700
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Plasma metabolome study reveals metabolic changes induced by pharmacological castration and testosterone supplementation in healthy young men

de Siqueira Guedes, J., Pla, I., Sahlin, K. B., Monnerat, G., Appelqvist, R., Marko-Varga, G., Giwercman, A., Domont, G. B., Sanchez, A., Nogueira, F. C. S. & Malm, J., 2022 dec., I: Scientific Reports. 12, 1, 15931.

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Proteomic Alterations in Follicular Fluid of Human Small Antral Follicles Collected from Polycystic Ovaries—A Pilot Study

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Short-term effect of induced alterations in testosterone levels on fasting plasma amino acid levels in healthy young men

Barbara Sahlin, K., Pla, I., de Siqueira Guedes, J., Pawlowski, K., Appelqvist, R., Marko-Varga, G., Domont, G. B., Nogueira, F. C. S., Giwercman, A., Sanchez, A. & Malm, J., 2021 nov., I: Life. 11, 11, 1276.

A biobanking turning-point in the use of formalin-fixed, paraffin tumor blocks to unveil kinase signaling in melanoma

Velasquez, E., Szadai, L., Zhou, Q., Kim, Y., Pla, I., Sanchez, A., Appelqvist, R., Oskolas, H., Marko-Varga, M., Lee, B., Kwon, H. J., Malm, J., Szász, A. M., Gil, J., Betancourt, L. H., Németh, I. B. & Marko-Varga, G., 2021, I: Clinical and Translational Medicine. 11, 8, s. 1-6 e466.

Proteome of fluid from human ovarian small antral follicles reveals insights in folliculogenesis and oocyte maturation

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Proteomic analysis enables distinction of early- versus advanced-stage lung adenocarcinomas

Kelemen, O., Pla, I., Sanchez, A., Rezeli, M., Szasz, A. M., Malm, J., Laszlo, V., Kwon, H. J., Dome, B. & Marko-Varga, G., 2020 juni, I: *Clinical and Translational Medicine*. 10, 2, s. e106

A pilot proteomic study reveals different protein profiles related to testosterone and gonadotropin changes in a short-term controlled healthy human cohort

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Protein Expression in Metastatic Melanoma and the Link to Disease Presentation in a Range of Tumor Phenotypes

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Alpha-1-acid glycoprotein 1 is upregulated in pancreatic ductal adenocarcinoma and confers a poor prognosis

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Progressive changes in human follicular fluid composition over the course of ovulation: quantitative proteomic analyses

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Proteomic signatures of brain regions affected by tau pathology in early and late stages of Alzheimer's disease

Mendonça, C. F., Kuras, M., Nogueira, F. C. S., Plá, I., Hortobágyi, T., Csiba, L., Palkovits, M., Renner, É., Döme, P., Marko-Varga, G., Domont, G. B. & Rezeli, M., 2019, I: *Neurobiology of Disease*. 130, 104509.

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