

# Curriculum Vitae

## Personal information

**Family name, First name:** Gutkowska-Kawka Dominika

**Researcher unique identifier:** ResearchGate: Dominika Kawka

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## Education

**since 2019**

**Fellow of Molecular Biology Lab (PhD student);** Institute of Animal Reproduction and Food Research PAS in Olsztyn

**2017 - 2019**

Master Degree; University of Gdańsk; Faculty of Biology; Biomedical Sciences; Neurobiology

**2014 - 2017**

Bachelor Degree; University of Gdańsk, Faculty of Biology; Biomedical Sciences; Neurobiology

## Research interests

neurobiology, reproduction, molecular biology, brain plasticity

## Research projects:

**2019:** *Milky Way to reproductive success: Role of leptin in the programming of reproductive functions over generations* (NCN OPUS 2018/31/B/NZ4/03527); Principal investigator: Prof. Monika M. Kaczmarek

## Fellowships

**2016** – Nencki Institute of Experimental Biology, Laboratory of Preclinical Testing of Higher Standard, Warsaw (2 weeks)

**2018** – Nencki Institute of Experimental Biology, Laboratory of Molecular Basis of Behavior, Warsaw (3 weeks)

**2019** - Institute of Animal Reproduction and Food Research PAS, Local Physiological Regulations, Olsztyn (2 weeks)

**2021-2022** - Nencki Institute of Experimental Biology, Group of Restorative Neurobiology, Warsaw (5 weeks)

**2023** - INSERM/Sorbonne Université, UMRS\_1166 ICAN: Unité de Recherche sur les Maladies Cardiovasculaires et Métaboliques, Paris, France (4 weeks)

## Memberships of scientific societies and organizations

**Since 2020** – Polish Society for Biology of Reproduction

**Since 2024** – Society for the Study of Reproduction

## National and international conferences presentations

- **2024** - *Effects of early-life malnutrition on reproductive performance and early embryonic development;* **Kawka D**, Ajduk A, Guzewska M, Romaniewicz M, Kaczmarek MM. **Polish Society for Biology of Reproduction X Meeting;** Warsaw, September 12-14, 2024 (Oral presentation)
- **2024** – *Metabolic characterization of sperm after early-life exposure to malnutrition;* Guzewska M, **Kawka D**, Dymkowska D, Kaczmarek MM. **Society for the Study of Reproduction - 57<sup>th</sup> Annual Meeting;** Dublin, Ireland, July 15-19, 2024 (Poster presentation)
- **2024** - *Sex-specific Consequences of Poor Early-life Parental Nutrition on the Reproductive Performance Across Two Generations of Mice;* **Kawka D**, Guzewska M, Zochowska-Klepanska

- A, Kaczmarek MM. **Society for the Study of Reproduction - 57<sup>th</sup> Annual Meeting**; Dublin, Ireland, July 15-19,2024 (Poster presentation)
- **2024 - Like Mother, Like Daughter: Multigenerational Effect of Early-life Malnutrition on Female Mice Phenotype and Oocyte Energetic Capacity**; **Kawka D**, Guzewska M, Ajduk A, Romaniewicz M, Kaczmarek MM. **Society for the Study of Reproduction - 57<sup>th</sup> Annual Meeting**; Dublin, Ireland, July 15-19,2024 (Oral presentation)
  - **2023 - Sex-specific response of arcuate nucleus neural circuits involved in metabolic control of reproduction to malnutrition experienced in early life**; **Kawka D**, Glowacka A, Skup M, Kaczmarek MM. **IBRO 2023**; Granada, Spain, September 9-13, 2023 (Poster presentation)
  - **2022 - Maternal undernutrition during lactation programs reproductive capacity of adult male mice offspring**; Zochowska-Klepanska A, **Kawka D**, Guzewska MM, Kaczmarek MM. **55<sup>th</sup> Annual Meeting**; Spokane, USA, July 26-29, 2022 (Poster presentation)
  - **2022 – Maternal lactation undernutrition affects hormonal milieu, ovarian transcriptome and follicles maturation in female mice offspring at different stages of development**; **Kawka D**, Panas D, Zochowska-Klepanska A, Myszczyński K, Kaczmarek MM. **55<sup>th</sup> Annual Meeting**; Spokane, USA, July 26-29, 2022 (Poster presentation)
  - **2021 – Effects of lactation undernutrition on female mice sexual maturity and gene expression in hypothalamus during peripubertal and postpubertal periods** **Kawka D**, Jarosławska J, Kaczmarek MM. **Society for the Study of Reproduction - 54<sup>th</sup> Annual Meeting**; Sant Louis, USA, December 13-18, 2021 (Poster presentation)
  - **2021 - Lactation undernutrition leads to alterations in body composition, serum hormone level, testis development and gene expression in male progeny**; Żochowska A, **Kawka D**, Kaczmarek MM. **Polish Society for Biology of Reproduction IX Meeting** (Poster presentation)
  - **2021 - Lactation undernutrition affects body composition and ovarian development leading to suboptimal reproductive performance of female mice**; **Kawka D**, Żochowska A, Kaczmarek MM.. **Polish Society for Biology of Reproduction IX Meeting** (Poster presentation)
  - **2018 – Morphology of dopaminergic neurons located in ventral tegmental area after the unilateral mesolimbic system activation, VIII National Conference “Young Scientist in Poland – research and development”** (Oral presentation)