

Curriculum Vitae

PERSONAL INFORMATION

Family name, First name: Kaczmarek, Monika Marzena (Maiden family name: Zaleska)

Researcher unique identifier(s): Scopus Author ID: [10243382600](#); ResearcherID: [N-4892-2015](#); Google Scholar: [Monika M. Kaczmarek](#); ResearchGate: [Monika M Kaczmarek](#)

Date of birth: October 15, 1977

Nationality: Polish

Family status: married, one child (son)

URL for web site: www.kaczmareklab.pl (publication list available at library)

EDUCATION

January 2018 Full Professor (Agriculture) President of the Republic of Poland

May 2010 DSc (Reproductive Endocrinology) Institute of Animal Reproduction and Food Research, Polish Academy of Sciences (IARFR, PAS), Olsztyn, Poland / *THESIS: Role of vascular endothelial growth factor in a regulation of secretion activity of the porcine endometrium*

July 2004 PhD (Reproductive Endocrinology) IARFR, PAS, Olsztyn, Poland / *DISSERTATION: Effect of Hecate-CG β conjugate on the development of mammary gland tumor in rat* / Supervisor: Prof. Adam J. Ziecik

July 2002 Postgraduate Studies in Informatics, College of Computer Science and Economics, Olsztyn

June 2001 MSc (Biotechnology) University of Warmia & Mazury, Olsztyn / *THESIS: Effect of Hecate- β LH conjugate on the viability of two cancer cell lines, KK-1 and BLT-1, and granulosa and luteal cells in vitro*

PROFESSIONAL EXPERIENCE

2015 – Associate Professor, Dept. of Mechanisms of Hormone Action, IARFR, PAS, Olsztyn, Poland

2013 – 2017 Associate Professor, Dept. of Large Animal Diseases with Clinic, Faculty of Veterinary Medicine, University of Life Science, Warsaw, Poland

2011 – Associate Professor, Head of Molecular Biology Laboratory, IARFR, PAS, Olsztyn, Poland

2004 – 2011 Assistant Professor, Dept. of Mechanisms of Hormone Action, IARFR, PAS, Olsztyn, Poland

2001 – 2004 Assistant, Dept. of Mechanisms of Hormone Action, IARFR, PAS, Olsztyn, Poland

FELLOWSHIPS

2017 Research fellowship PAS, The Hebrew University of Jerusalem, Rehovot-Jerusalem, Israel, *1 month*

2011 Research fellowship PAS, Epigenetics and Obesity, Pennington Biomedical Research Center, LSU, Baton Rouge, LA USA, *1 month*

2009 – 2010 Fulbright Advance Research Fellowship, Molecular Genetics and Thermogenesis, Pennington Biomedical Research Center, LSU, Baton Rouge, LA, USA, *6 months*

2006 Return Fellowship from Alexander von Humboldt and Hertie Foundations, *12 months*

2004 – 2005 Research Fellowship from Alexander von Humboldt and Hertie Foundations Institute of Physiology, Technical University Munich, Germany, *6 months*

2002 – 2003 Research Fellowship from International Atomic Energy Agency, Veterinary Faculties, Complutense University of Madrid & University of Murcia, Spain, *3 months*

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2013 – Number of Postdocs: 2 / Molecular Biology Laboratory, IARFR, PAS, Olsztyn, Poland

2008 – Number of PhD students: 5 / Molecular Biology Laboratory & Dept. Hormonal Action Mechanisms, IARFR, PAS, Olsztyn, Poland

2005 – Number of Master & Bachelor students: 12 / IARFR, PAS, Olsztyn, Poland; University of Warmia and Mazury, Olsztyn, Poland; University of Life Science, Warsaw, Poland

ACADEMIC/TEACHING EXPERIENCE

2013 – 2017 Associate Professor, Faculty of Veterinary Science, Warsaw University of Life Science, Warsaw / *TOPICS: Andrology, Biotechnology of gametes and embryos, Reproductive Immunology, Animal reproduction, Biotechniques in reproduction*

2008 – Associate Professor, Institute of Animal Reproduction and Food Research, Polish Academy of Science, PhD Program, Olsztyn / *TOPICS: Cell biology, Animal physiology, Molecular genetics, Experimental planning*

2003 – 2004 Guest Lecturer, Faculty of Biology, University of Warmia and Mazury, Olsztyn / *TOPIC: Cryoconservation of porcine embryos: from superovulation to embryo transfer*

ORGANISATION OF SCIENTIFIC MEETINGS

- 2017** VIII Conference of Polish Society for Biology of Reproduction (September 7-9) – national meeting / Head of the Organizing Committee and member of the Scientific Committee / Number of participants: 160 / Poland / URL: [TBR2017](#)
- 2016** Extracellular Vesicles: Friends and Foes symposium (June 7-9) – international meeting / Member of the Organizing Committee / Number of participants: 70 / Israel / URL: [EVFF2016](#)
- 2016** Polish Scientific Networks conference (June 30-July 2) – international meeting / Member of the Organizing & Scientific Committees / Expected number of participants: 200 / Poland / URL: [PSN2016: Science & Business](#)
- 2015** Polish Scientific Networks conference (June 18-20) – international meeting / Head of the Organizing Committee & member of the Scientific Committee / Number of participants: 170/ Poland / URL: [PSN2015](#)
- 2013** 9th International Conference on Pig Reproduction (June 9-12) – international meeting / Member of the Organizing Committee/ Number of participants: 180 / Poland / URL: [ICPR2013](#)

COMMISSIONS OF TRUST

- 2018 –** Review panel member / The Polish National Agency for Academic Exchange / Poland
- 2017 –** [Board of Directors](#) / Polish-U.S. Fulbright Commission / Poland
- 2016–2018** [Scientific Board](#) / National Science Congress / Poland
- 2016 –** Review panel member / National Science Centre / Poland
- 2015 –** [Editorial Board](#), Associate editor / Reproductive Biology / ELSEVIER
- 2014 –** Review panel member / Polish-U.S. Fulbright Commission / Poland
- 2007 – 2011** Scientific Evaluation Commission / IARFR PAS/ Poland
- 2007 –** [Scientific Advisory Board](#) / IARFR PAS/ Poland (**presidium member** since 2012-2018)

SELECTED AD HOC REVIEWS

BBA - General Subjects; Biofactors; BMC Genomics; Histochemistry and Cell Biology; Journal of Clinical Endocrinology & Metabolism; Molecular and Cellular Endocrinology; Molecular Genetics and Genomics; Molecular Reproduction and Development; PloS One; Reproduction; Reproduction, Fertility & Development; Reproductive Biology & Endocrinology; Scientific Reports.

MEMBERSHIPS OF SCIENTIFIC SOCIETIES AND ORGANIZATIONS

- 2015 –** Society for the Study of Reproduction
- 2011 – 2016** Academy of Young Scholars, Polish Academy of Science (**vice-chair** since 2014)
- 2007 – 2016** European Society for Domestic Animal Reproduction
- 2005 –** Polish Society for Biology of Reproduction (**vice-chair** since 2017)

MAJOR INVITED INTERNATIONAL PRESENTATIONS

- 2018** *Extracellular vesicles: small particles with unique properties for pregnancy success.* Assisted Reproduction Technologies - long term perspectives, Cracow, Poland.
- 2017** *microRNAs: a potent regulatory molecules of early pregnancy.* College of Veterinary Medicine North Carolina State University, Raleigh, USA.
- 2017** *Combined large scale proteomic and target prediction studies show direct and indirect effects of miR-26a and miR-125b on porcine luminal epithelium function during early pregnancy.* 10th Int. Conference on Pig Reproduction, Columbia, Missouri, USA.
- 2016** *Large-scale analysis of protein expression changes evoked by miR-26a & miR-125b in luminal epithelium of pregnant porcine uterus.* 18th Int. Congress on Animal Reproduction, Tours, France.
- 2016** *Embryo-maternal interactions: lessons from phylogenetically distant species.* Extracellular vesicles: friends and foes, Rehovot, Israel.
- 2015** *Circulating miRNAs in the maternal serum during early pregnancy in the pig.* 48th Annual Conference Physiology and Pathology of Reproduction & 40th Joint Congress of Veterinary and Human Medicine, Zurich, Switzerland.
- 2011** *Early malnutrition: programming of fertility by maternal diet.* GEMINI's Periconceptional Developmental Programming Workshop, Jerusalem, Israel.
- 2011** *Malnutrition during critical stages of development and reproductive performance of progeny.* TUM Tierwissenschaftlichen Seminar, Technical University Munich, Germany.

MAJOR HONORS & AWARDS

- 2013** **Bronze Cross of Merit** for scientific merits awarded by the President of Poland.
- 2010** **Scholarship for an Outstanding Young Researcher** from the Polish Ministry of Science and Higher Education (36 months).

- 2007 Award for an Active Young Scientist** from *Pro Scientia et Vita* Foundation.
- 2006 Team Scientific Award** from the Director of IARFR, PAS for research on the role of LH/hCG receptors in physiology and pathology of the reproductive tract.
- 2005 Young Researcher Scholarship START** from the Foundation for Polish Science (24 months).
- 2004 Individual Scientific Award for PhD thesis** from the Director of IARFR, PAS.

MAJOR RECENT COLLABORATIONS

Stefan Bauersachs, PhD, Universität Zürich, Zurich, Switzerland (current affiliation).

Agnieszka Blachnio-Zabielska, PhD, Department of Epidemiology, and Metabolic Disorders, Medical University of Bialystok, Poland.

Yael Hefetz, PhD, Department of Entomology, The Hebrew University of Jerusalem, Israel.

Leslie P. Kozak, PhD, Maine Medical Center Research Institute, Scarborough, USA (current affiliation).

Rina Meidan, PhD, Department of Animal Science, The Hebrew University of Jerusalem, Israel.

Eran Meshorer, PhD, Department of Genetics, The Hebrew University of Jerusalem, Israel.

Piotr Zabielski, PhD, Department of Physiology Medical University of Bialystok, Poland.