

CURRICULUM VITAE
Priv.-Doz. Dr. Klara Rosta PhD

Affiliation: Department of Obstetrics and Gynecology
Medical University of Vienna (MUW)
Spitalgasse 23, A-1090 Vienna, Austria
Tel: +43-1-40400-28190

e-mail: klara.rosta@meduniwien.ac.at
<https://orcid.org/0000-0002-3502-3734>



APPOINTMENTS & AFFILIATIONS

9/2017- Head Gynecologist of the Interdisciplinary Outpatient Care Unit (RhePro-Ambulanz) for pre-conception and pregnancy counselling of patients with inflammatory rheumatic diseases, MUW

5/2022- Consultant of Outpatient Clinic for In Vitro Fertilization (IVF) and Fertility Protection at the Division of Gynecological Endocrinology and Reproductive Medicine, Department of Obstetrics and Gynecology, MUW

05/2016- Consultant in Obstetrics & Gynecology, Department of Obstetrics and Gynecology, MUW

7/2011-2016 Resident in Obstetrics & Gynecology, Department of Obstetrics and Gynecology, MUW

2008-5/2011 Resident in Obstetrics & Gynecology, 1st Department of Obstetrics and Gynecology, Semmelweis University Budapest, Hungary

2005-2009 PhD Student, Department of Medical Chemistry, Molecular Biology and Pathobiochemistry, Semmelweis University

2003-2004 Graduate Researcher, Molecular Genetics and Fertility Disorders Unit, Ruprecht-Karl University of Heidelberg, Germany

2002 Research fellowship (1mo), Pharmacology Department, Chang Gung University Taipei, Taiwan

2001 Clinical traineeship (1mo), Department of Gastroenterology, University Hospital Cologne, Germany

EDUCATION & TRAINING

09.06.2022 Habilitation in Obstetrics and Gynecology, MUW

10/2021-(10/2024) ESHRE-Accredited Fellowship in Reproductive Medicine, MUW

05/2016 Board Certification in Obstetrics and Gynecology

05/2014 Postgraduate Diploma in Genetics, Austrian Medical Chamber

11/2009 PhD Diploma in basic medicine; thesis title: "*The role of Na⁺/K⁺ATP-ase in diabetes mellitus*" (summa cum laude)

2005-2009 PhD Program, Semmelweis University

6/2005 Medical Degree, Semmelweis University Medical School (1996-1997, 1999-2005) (summa cum laude)

1997-1999 College (Pre-Med Track), University of North Carolina at Chapel Hill, NC, USA

1997-1999 Undergraduate Research Program (Study of Kinetochores) at the University of

Chapel Hill, NC, USA

RESEARCH ACTIVITIES

2024-	Establishing a Biobank for the IVF unit at MUW
2021-	Basic research about the fetal molecular communication during ART and in pregnancy of women with autoimmune diseases and healthy controls. In cooperation with the National Laboratory for Human Reproduction at the University of Pecs, Hungary
2017-	Clinical & epidemiological research: establishes an Austrian Registry for Rheumatic Diseases & Reproduction (RhePro Register) for pregnant women and patients in preconception care with inflammatory rheumatic disease, MUW
2016-	Clinical research: investigates high risk pregnancy in patients with inflammatory rheumatic and inflammatory bowel disease in cooperation with the 3rd Department of Internal Medicine, MUW
2016-2021	Clinical research: investigates iodine metabolism and iodine deficiency in women treated with oral contraception in cooperation with the 3rd Department of Internal Medicine, MUW
2011-2016	Translational research: performed experiments on the phenotypic and genotypic characterization of individuals born from gestational diabetes mellitus pregnancies within the framework of the EAFSD New Horizons Collaborative Research Initiative in cooperation with the 1st Department of Obstetrics and Gynecology & 2nd Department of Internal Medicine, Semmelweis University, Budapest, Hungary
2005-2011	Basic research: performed experiments investigating the molecular genetics of preeclampsia at the 1st Department of Obstetrics and Gynecology, Semmelweis University, Budapest, Hungary
2003-2004	Basic research: performed experiments investigating the role of the AFZ region of the Y chromosome in azoospermia. Molecular Genetics and Fertility Disorders Unit, Ruprecht- Karl University of Heidelberg, Germany
2000-2009	Basic research: performed experiments investigating cell membrane alterations related to diabetes mellitus at the Department of Medical Chemistry, Molecular Biology and Pathobiochemistry, Semmelweis University, Budapest, Hungary

GRANTS

2022	Medical-Scientific Fund of the Mayor of Vienna (Bürgermeisterfond) Grant 22084 "In-vitro study of vascular cells of the umbilical cord in pregnant women with rheumatoid arthritis" (23.300€)
2021	Erasmus plus Cooperation Partnership Project: "Challenges of human reproductive medicine in a changing Europe: an innovative professional curriculum for graduate medical education- COHRICE (2021-1-HU01-KA220-HED-000027613) (Budget at MUV 153.778€)
2020	Research Grant; Comprehensive Center for Pediatrics (CCP), MUW (1900€)
2015	Research grant; Hungarian Diabetes Association & Novo Nordisc (6500€)
2011	Research Grant; EAFSD New Horizons Collaborative (5000€)
2003	Research grant of the Hungarian Diabetes Association

AWARDS & FELLOWSHIPS

2024	ÖGR Thesis Prize of Nora Rosenberg under my Supervision
2021	ESHRE-Accredited Fellowship in Reproductive Medicine, MUW
2008	Sanofi Aventis Publication Award
2007	Travel Grant to the 57th Lindau Nobel Laureate Meeting, HAS
2002	Students for Research Award; Pro Renovanda Cultura Hungariae Foundation

TEACHING ACTIVITIES & MENTORING

- Supervisor of a Ph.D. student since 2024 Topic: Feto-maternal molecular communication
- Seminar leader (general propaedeutics, case-based learning in obstetrics), MUW
- University lecturer (obstetrics & gynecology), MUW
- Master thesis supervisor for senior medical students (defended n:12, ongoing n:8), MUW
- Co-supervision of Ph.D. students (n:2), MUW, Semmelweis University Budapest, Medical University in Graz
- Organization of Ph.D. Seminars at the Semmelweis University Budapest 31.1.2013- 1.2.2013
- Laboratory skills teacher for medical students, Department of Medical Chemistry, Molecular Biology & Pathobiochemistry, Semmelweis University Budapest, Hungary
- OSCE teacher

MEMBERSHIP & ACTIVITY IN NATIONAL AND INTERNATIONAL SOCIETIES

- EULAR study group on Reproductive Health & Family Planning (ReHFAP), member
- Austrian Society for Obstetrics and Gynecology (OEGGG), member
- European Society of Human Reproduction and Embryology (ESHRE) member
- Hungarian Society of Obstetrics and Gynecology, member
- Austrian Society of Rheumatology, Member of the Working Group of Rheumatology and Pregnancy (Founding member)
- Hungarian Diabetes Society, member
- European Association for the Study of Diabetes, member

SKILLS AND CERTIFICATES

- Languages: English (fluent), German (fluent), Hungarian (fluent)
- TOEFL 2022
- Certificate in Genetics (Austrian Chamber of Medicine) 2016
- Certificate in Colposcopy (basic level) 2019
- Certificate Exam in Diabetology (State License Exam) 2016

EDITORIAL ACTIVITIES

2021- Journal of Reproductive Immunology

REVIEWER ACTIVITIES

Journals: BMC Pregnancy and Childbirth, Journal of Diabetes Research, Journal of Reproductive Immunology, PLOS One, Reproductive BioMedicine Online, RMD Open

2021- Comissioned and expert goup member of the National Research, Development and Innovation Office for evaluation proposals concerning national research and innovation calls in Hungary



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Vienna, 04.02.2025