

Curriculum Vitae

Personal information **Martin Russek**

Work experience

Jul 2023 - present: Doctoral researcher at the Federal Institute for Drugs and Medical Devices (BfArM), Bonn, Germany

- Position in Pharmacoepidemiology research group
- Scientist in Horizon-Europe-funded project Real4Reg
- Research in the field of cancer pharmacoepidemiology as part of PhD

Oct 2021 - Jul 2022: Real-World Evidence Trainee at European Medicines Agency, Amsterdam, The Netherlands

- Position in Data Analytics and Methods Task Force
- Supporting the establishment of reproducible RWE-workflows
- Supporting EMA in relation to the Covid-19 pandemic
- Research project exploring methods to handle heterogeneity of RWE results from healthcare databases

May 2020 - Aug 2020: Bachelor's Thesis Student at German Cancer Research Centre (DKFZ), Heidelberg, Germany

- Position in division of Biostatistics
- Thesis research in the area of multiple imputation, with application to qPCR data

Aug 2019 - Oct 2019: Biostatistics intern at German Cancer Research Centre (DKFZ), Heidelberg, Germany

- Position in division of Biostatistics
- Supporting projects with clinical partners - Performing analyses, communicating results to clinical researchers and attending consultations

Jul 2019 - Jul 2020: Student Research Assistant at Ulm University Hospital, Germany

- Position in Institute for Epidemiology and Medical Biometry
- Entry and verification of data for Epidemiological studies
- Preparation of fieldwork material.

Education and training

Apr 2024 - present: PhD in Clinical Research, Health Care Research, Population Research and Data Science, University of Bonn, Germany

- Doctoral research in the field of cancer pharmacoepidemiology
- Coursework in pharmacoepidemiology and scientific peer review

Sep 2020 - Jun 2023: MSc in Statistics, University of Copenhagen, Denmark

- Thesis research on longitudinal survival models to adjust for time-varying confounding in pharmacoepidemiological studies, with an application to Danish healthcare registry data
- Coursework in theoretical and applied statistics, including probability theory, causal inference, bayesian statistics and high-dimensional statistics

Oct 2017 - Aug 2020: BSc in Mathematical Biometry, Ulm University, Germany

- Thesis research in the area of multiple imputation, with application to qPCR data
- Coursework in mathematics, statistics, computer science and life sciences, including courses in statistical consulting, epidemiology, bioinformatics and clinical trials

Additional information

Publications

Russek, M., Quinten, C., de Jong, V. M. T., Cohet, C., & Kurz, X. (2023). Assessing heterogeneity of electronic health-care databases: A case study of background incidence rates of venous thromboembolism. *Pharmacoepidemiology and drug safety*, 32(9), 1032–1048. <https://doi.org/10.1002/pds.5631>

Peltner, J., Becker, C., Wicherski, J., Wortberg, S., Aborageh, M., Costa, I., Ehrenstein, V., Fernandes, J., Heß, S., Horváth-Puhó, E., Korcinska Handest, M. R., Lentzen, M., Maguire, P., Meedom, N. H., Moore, R., Moore, V., Nagy, D., McNamara, H., Paakinaho, A., Pfeifer, K., ... Haenisch, B. (2025). The EU project Real4Reg: unlocking real-world data with AI. *Health research policy and systems*, 23(1), 27. <https://doi.org/10.1186/s12961-025-01287-y>

Russek, M., Peltner, J., & Haenisch, B. (2025). Supplementing Single-Arm Trials with External Control Arms-

Evaluation of German Real-World Data. *Clinical pharmacology and therapeutics*, 10.1002/cpt.3684. Advance online publication. <https://doi.org/10.1002/cpt.3684>

Projects

Scientist in the Horizon-Europe-funded project Real4Reg

Memberships

Member of International Society for Pharmacoepidemiology (ISPE)

Member of German Society for Epidemiology (DGEpi)

PRESENTATIONS

Oral presentations

Real-World Evidence (RWE) in the medicines regulatory process – an EU-wide Real4Reg survey on key stakeholders' RWE knowledge, opinions and interests. *Annual meeting of the German Society for Epidemiology (DGEpi)*, 2024

Bias beim Zensieren von gleichzeitiger Verordnung von Test- und Vergleichsmedikament bei Langzeit-Überlebensoutcomes. *Methods workshop of the German Working Group for the Collection and Use of Secondary Data (AGENS)*, 2025

Poster presentations

Single-Arm Trials Supplemented With External Control Arms – First Investigation on Breast Cancer and Amyotrophic Lateral Sclerosis Trials in German Real-World Data Sources. *31st annual meeting of the German Drug Utilization Research Group (GAA)*, 2024 (First place in poster prize)

Other Relevant Information