



We, the **Division of Rheumatology at the Medical University of Vienna** are currently looking to expand our team with a **STATISTICIAN/DATA SCIENTIST** with educational background in Statistics and Data Science and or related disciplines with experience in handling big data, full-or part-time.

#### **ABOUT THE WORK**

The Division of Rheumatology at the Medical University of Vienna performs basic, clinical and translational research in the field of rheumatic and musculoskeletal disease. As a EULAR Centre of Excellence our division is regarded as one of the leading centres in rheumatology research worldwide. We perform applied science that focuses on determination of causes of inflammatory rheumatic conditions, developing treatment strategies and predicting treatment response by linking patient-level data from longitudinal clinical and trial databases with genetic, molecular and biological biomarkers.

#### Selected key publications:

*Tenderness and radiographic progression in rheumatoid arthritis and psoriatic arthritis.*

*Irina Gessl, Claudia A Hana, Thomas Deimel, Martina Durechova, Miriam Hucke, Victoria Konzett, Mihaela Popescu, Paul Studenic, Gabriela Supp, Michael Zauner, Josef S Smolen, Daniel Aletaha, Peter Mandl Annals of the Rheumatic Diseases, 82(3), 344-350. doi: 10.1136/ard-2022-222787*

*Efficacy outcomes in phase 2 and phase 3 randomized controlled trials in rheumatology.*

*Kerschbaumer A, Smolen JS, Herkner H, Stefanova T, Chwala E, Aletaha D. Nat Med. 2020 Jun;26(6):974-980. doi: 10.1038/s41591-020-0833-4.*

*Testing different thresholds for patient global assessment in defining remission for rheumatoid arthritis: are the current ACR/EULAR Boolean criteria optimal?*

*Studenic P, Felson D, de Wit M, Alasti F, Stamm TA, Smolen JS, Aletaha D. Ann Rheum Dis. 2020 Apr;79(4):445-452. doi: 10.1136/annrheumdis-2019-216529.*

*Different Rating of Global Rheumatoid Arthritis Disease Activity in Rheumatoid Arthritis Patients With Multiple Morbidities.*

*Radner H, Yoshida K, Tedeschi S, Studenic P, Frits M, Iannaccone C, Shadick NA, Weinblatt M, Aletaha D, Smolen JS, Solomon DH. Arthritis Rheumatol. 2017 Apr;69(4):720-727.*

*Trajectory clusters of radiographic progression in patients with rheumatoid arthritis: associations with clinical variables.*

*Platzer A, Alasti F, Smolen JS, Aletaha D, Radner H, Blüml S. Ann Rheum Dis. 2021 Aug 10;annrheumdis-2021-220331. doi: 10.1136/annrheumdis-2021-220331.*

#### **WHAT WE OFFER**

We offer a position with the opportunity to work in a dynamic team consisting of highly motivated people with different scientific backgrounds including biostatisticians, bioinformaticians, data scientists, basic scientists, and medical doctors and other health care professionals. The heterogeneity of our team provides an inspiring scientific setting, enabling to contribute to different areas of the rheumatologic scientific field. Our data warehouse includes a variety of different datasets, including patient-level data derived from the clinical cohort of our department, patient level data from randomized clinical trials, but also meta-level data of randomized clinical trials of the field.

This position provides the opportunity to be integrated into all phases of applied clinical research projects. The ideal candidate will discuss and work within a team to contribute in the phases of designing clinical studies, providing, maintaining and contributing to establish clean data structures, statistical modelling, data analyses, graphical illustration and interpretation of results.

## **THE CANDIDATE SHOULD HAVE**

- A bachelor's / master's degree in the field of in statistics and/or data science
- Proficiency in statistics, data analyses and advanced skills in at least one relevant statistical programming language, such as R, STATA, SAS or python (preferentially R/python).
- Experience in data wrangling/cleaning and handling of large-scale datasets
- Experience in statistical modelling and longitudinal data modelling. Previous working experience with clinical datasets is advantageous.
- The ideal candidate has a proactive, solution oriented working attitude, being able and motivated to dive into complex data structures and willing to solve statistical and data-based challenges autonomously.
- High degree of social skills, enjoy being integrated within a team.

## **APPLICATION:**

This is a part or full-time position ideal also for students at master's level. The position is temporary with an option for extension. The salary will be € 3277,30 for a full-time position (40h/week).

Interested candidates should send their application (letter of motivation, curriculum vitae) as a single-pdf to **claudia.hana@meduniwien.ac.at**

Application deadline: July 31<sup>st</sup>, 2023.

The position will be filled immediately. Short-listed candidates will be invited for personal interviews.