

Erasmus MC has a vacancy for a

Senior Bioinformatician



Job description

The department of Immunology at the Erasmus MC University Medical Center, Rotterdam, The Netherlands is inviting applicants for a senior Bioinformatics position. The candidate will work closely with group leaders of the Department of Immunology in the areas of basic and clinical research, and diagnostics development. The work involves the development of data analysis pipelines for different omics projects including RNA sequencing and SomaLogic proteomics data and e.g. CRISPR-Cas9 library screens in the field of basic and translational Immunology. The candidate will be responsible for the analysis, statistics and processing of the data and will contribute to publications and grant proposals. The candidate is expected to collaborate with bioinformaticians within the department of Immunology and other departments at Erasmus MC.

Work environment

The Department of Immunology performs cutting edge basic and translational research, participates in patient care by performing laboratory diagnostics (Laboratory for Medical Immunology) and supporting Clinical Immunology, and performs a wide range of educational activities. Major research focuses in the department span molecular to clinical immunology and includes the development and function of innate and adaptive immunity, autoimmunity, immune deficiencies, immunity to infection, neuroimmunology, and lymphoid malignancies. The department has state-of-the-art facilities and equipment that support basic and translational research. The department is involved in multiple International Consortia and networks, which facilitate innovation and rapid implementation of new immunological concepts and technologies.

Qualifications and skills

Ambitious candidates with a strong background and hands-on experience in the development of data analysis pipelines, omics data analysis and statistics will be considered. The successful candidate must have a Ph.D, publications in leading peer review journals and presentations at scientific conferences. Candidates are expected to collaborate closely with scientists in the Immunology department and within the Erasmus MC, be highly motivated and have a team spirit. The candidate should have excellent oral and written communication skills.

Terms of employment

We offer a full-time contract of 36 hours per week in an inspiring and challenging work environment with excellent fringe benefits.

Information

For more information contact Peter Katsikis, Professor and Head, Department of Immunology, e-mail: p.katsikis@erasmusmc.nl.

Application

Reviews of applications will begin immediately and continue until the position is filled. To apply, please submit your full curriculum vitae, the names and contact information of 2 references, and a letter detailing your motivation for seeking this position by e-mail to Sascha van Vuuren - Ligthelm, Administrative Assistant (e-mail: s.vanvuuren@erasmusmc.nl).

A healthy population and excellence in healthcare through research and education. This is what Erasmus MC stands for. Conducting groundbreaking work, pushing boundaries and leading the way. In research, education, and healthcare. We are practical people with a high level of expertise, working hard to improve and renew the healthcare of today and the public health of tomorrow.