Hubrecht Institute

Developmental Biology
and Stem Cell Research

The Hubrecht Institute is a research institute of the Royal Netherlands Academy of Arts and Sciences. Presently there are 19 research groups with a total of about 350 employees and guest researchers. In addition to a highly interactive and international scientific environment, excellent research facilities are available for imaging and functional genomics. Moreover, several model organisms are present, including C. elegans, zebrafish and rodents. The institute is situated at the Utrecht Science Park. The Hubrecht Institute is affiliated with the University Medical Center Utrecht and has close connections with Utrecht University, e.g. in the graduate school Cancer, Stem cells & Developmental biology.

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The group of Prof Wouter de Laat currently has a vacancy for a

Bioinformatics   **Researcher**
32-38 hours/week

To work on: NGS functional genomics data analysis

Description of the project: The research of our group aims to uncover the function of non-coding DNA in the humane genome. Over 95% of our DNA is non-coding but it harbours millions of regulatory DNA sequences that help controlling the expression of our genes. We study how these regulatory DNA elements cooperate to find their target genes, how the DNA is folded to accommodate gene regulatory networks, and what proteins play a role in the folding and functioning of non-coding DNA. For this, we use a wide range of NGS-based technologies including RNAseq, nascent RNAseq, ChIP-seq, Cut&Run, ATAC-seq, HiC, 4C-seq etc. The **Bioinformatics Researcher** will collaborate with the wet-lab scientists and be involved in the analysis, visualization, management and storage of all different types of NGS datasets. We offer a stimulating international research environment with computational biology expertise to support the further professional development of the bioinformatics researcher.

Requirements: We seek a motivated (junior) bioinformatician with experience in next generation sequencing data analysis, programming in R and/or python, and working with Linux, preferably also with expertise in NGS analysis of genomics and/or epigenomics data. The candidate needs to enjoy supporting and working with different colleagues on different projects. He/she needs to be curious and motivated to interact with other (computational) researchers in the Institute, to learn and improve skills and knowledge. The application should include a letter of motivation and a CV, preferably with one or two references.

Employment terms
Depending on education and experience the minimum salary is € 2.818,- and the maximum salary is € 3.764,- gross per month for a full-time employment (scale 8 CAO Nederlandse Universiteiten/KNAW). This is exclusive of 8% vacation allowance, 8.3% year-end bonus, travel allowance, internet allowance, home working allowance and pension accrual with ABP.

Duration: 1 year, with the possibility of an extension after positive evaluation.

Starting date: as soon as possible

Information
For additional information please contact Prof. Wouter de Laat (w.delaat@hubrecht.eu) or visit the website https://www.hubrecht.eu/research-groups/de-laat-group/. If you want to apply for the position, please send a complete CV and motivation letter (including contact details of references) to w.delaat@hubrecht.eu before May 15th 2023. Or upload your application on: https://career55.sapsf.eu/sfcareer/jobreqcareerpvt?jobId=1531&company=KNAW&st=565277B4409BAC885A861B6C33075EC870ECAF32 ,