

POSTDOCTORAL RESEARCHER IN PREDICTIVE TOXICOLOGY AND PHARMACOLOGY

University of Tampere (FINLAND)

The research group of associate professor Dario Greco at the Faculty of Medicine and Life Sciences and BioMediTech Institute at the University of Tampere (Finland) focuses in advancing the fields of systems toxicology and predictive pharmacology using big data modelling and machine learning algorithms. We have a unique combination of expertise that spans systems biology, cheminformatics and bioinformatics. Our vision is to push the state-of-the-art in predictive toxicology and pharmacology and subsequently address some of the major challenges arising in chemical safety assessment and drug development. We are seeking a **highly motivated Postdoctoral researcher with a strong background in data mining, data modelling, biostatistics and machine learning**. The position is currently available for the period March 2018 – August 2019 with the possibility to extend it.

The main tasks will include: integrating and modelling large and diverse datasets comprising molecular descriptors and mechanism of action (OMICS data) of chemicals and nanomaterials; leading projects; supervising Ph.D. students; collaborating with other researchers in Finland and abroad.

The ideal candidate holds a Ph.D. in bioinformatics, systems biology, cheminformatics or computer science with a strong publication record. Moreover she/he is an expert in at least one of the following: OMICS data analysis and integration, QSAR, read-across, statistical modelling.

Applications including i) a research statement, ii) a CV and iii) a cover letter including names of at least two referees, can be sent via **email to dario.greco@staff.uta.fi by the 15th of January 2018**.