universität wien

Faculty of Life Sciences

PROGRAM for Hearing

Tenure-Track Professorship In silico Metabolism for Drug Discovery

Time: **Thursday, May 2, 2019**

Place: **Pharmacy Center, 2D 404, UZA II, Althanstr. 14, 1090 Vienna**

Scientific Presentations of candidates and discussion (20+10 min)

8.30-9.00	**Grisoni**	**Francesca**	Department of Chemistry and Applied Biosciences, ETH Zürich, CH	From QSAR to Artificial Intelligence: a shifting paradigm in the life sciences
9.00-9.30	**Kirchmair**	**Johannes**	Department of Chemistry and Computational Biology, University of Bergen, Norway	In silico prediction of drug metabolism
9.30-10.00	**Koch**	**Oliver**	Inst. of Pharmaceutical and Medicinal Chemistry, University Münster, Germany	From in-silico molecular design to in-silico metabolism
10.00-10.30	*Coffee break*			
10.30-11.00	**Mazzolari**	**Angelica**	Department of Pharmaceutical Sciences, University of Milan, Italy	MetaQSAR: an expert-curated database on sites of metabolism offers new avenues for phase II metabolism predictions
11.00-11.30	**Tyzack**	**Jonathan**	EMBL-EBI, Wellcome Genome Campus, Cambridgeshire, UK	Data-mining Metabolic Enzyme Transformations for Biotechnology
11.30-13.00	*Lunch break*			

Hearings	**with Panel Bergerzimmer**	**with students 2D 404**
13.00-13.30	Grisoni	Kirchmair
13.30-14.00	Kirchmair	Koch
14.00-14.30	Koch	Mazzolari
14.30-15.00	Mazzolari	Tyzack
15.00-15.30	Tyzack	Grisoni

Lectures for students (20 min) in 2D 404

16.00-16.20	Grisoni	Prediction of Phase 1 Metabolism
16.20-16.40	Kirchmair	Prediction of Phase 2 Metabolism
16.40-17.00	Koch	Machine Learning Methods for Prediction of Metabolism
17.05-17.25	Mazzolari	Prediction of Site of Metabolism
17.25-17.45	Tyzack	Data driven Methods for Prediction of Metabolism

18.00-19.00 **Committee meeting (exclusively open for the panel)**