

# 1<sup>st</sup> BioCog Winterschool, 14.03.2016-16.03.2016



## Agenda

Day 1	14.03.2016
13.00	Bus departure at Berlin-Ostbahnhof
18.00	Arrival at hotel and check-in
19.00	Dinner
20.00	<b>Georg Winterer</b> , Charité: Welcome
20.05-20.45	<b>Arjen Slooter</b> , UMC: An integration of approaches to study the pathogenesis of delirium

Day 2	15.03.2016
08.30-10.00	<b>Session 1, Chair: Claudia Spies, Charité</b>
08.30-09.15	<b>T. Ottens, F. Borchers, I. Feinkohl</b> , UMC/Charité/MDC: POCD Calculation Approaches: practical application of different strategies
09.15-10.00	<b>Linda M. Peelen</b> , Julius Center for Health Sciences and Primary Care & Departments of Anesthesiology, Intensive Care and Emergency Medicine, UMC Utrecht: Prediction models in perioperative medicine; a methods perspective
10.00-10.30	Coffee Break
10.30-13.00	<b>Session 2 part 1, Chair: Tobias Pischon, MDC</b>
10.30-11.00	<b>Fatima Yürek</b> , Charité: Endocan: a novel biomarker for postoperative delirium in elderly patients after surgery intervention
11.00-11.40	<b>Ganna Androsova</b> , LU: Basic analysis of molecular networks
11.40-12.20	<b>Roland Krause</b> , LU: Tidy data and reproducible research with application in R
12.20-13.00	<b>Insa Feinkohl</b> , MDC: Metabolic syndrome and cognitive impairment
13.00-15.00	Lunch and free time
15.00-16.30	<b>Session 2, part 2, Chair: Tobias Pischon, MDC</b>
15.00-16.30	<b>F.Borchers, I. Feinkohl, T. Ottens, W.-R. Brockhaus</b> , Charité/MDC/ UMC: The management of cognitive data in the BioCog study - steps to take and choices to make
16.30-17.00	Coffee Break
17.00-19.00	<b>Session 3, Chair: Arjen Slooter, UMC</b>
17.00-17.40	<b>Felix Frömel</b> , Koordinierungszentrum für Klinische Studien -Charité: BioCog: eCRF and Data Management
17.40-18.20	<b>Simon Weber</b> , Cellogic: Assessing the value potential of prognostic post-operative delir (POD) detection
18.20-19.00	<b>Edwin van Dellen</b> , UMC: Delirium as a disorder of brain connectivity
19.00	Dinner



Agenda

<b>Day 3</b>	<b>16.03.2016</b>
08.30-10.45	<b>Session 4, part 1, Chair: Georg Winterer, Charité</b>
08.30-09.15	<b>Harald Hampel</b> , Université Pierre et Marie Curie, Département de Neurologie, Paris: The final frontier of Alzheimer detection and drug development: Discovery of the silent preclinical stage
09.15-09.45	<b>Florian Schubert, Simone Kühn</b> , PTB/Pharmalimage: Structural correlates and predictors of cognitive performance
09.45-10.15	<b>Kwaku Oforu</b> , Charité: fMRI data pre-processing and quality assessment
10.15-10.45	<b>Norman Zacharias</b> , Charité: Structural changes and functional imaging: correlates of EEG Power spectra and default mode rsFC-MRI with structural MRI
10.45-11.00	Coffee Break
11.00-12.10	<b>Session 4, part 2, Chair: Georg Winterer, Charité</b>
11.00-11.30	<b>Jeroen de Bresser</b> , UMC: Quantitative neuroimaging
11.30-12.00	<b>Susanne Koch</b> , Charité: Pre-operative EEG Marker in elderly patients at risk for post-operative delirium
12.00-12.10	Concluding remarks
12:10	Lunch and Check-out
13:00	Departure to Berlin by bus

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