

# FINAL MEETING

“POSTOPERATIVE COGNITIVE  
IMPAIRMENT IN THE ELDERLY”

21<sup>st</sup>-23<sup>rd</sup> January 2019

Kaiserin Friedrich-Haus - Robert-Koch-Platz 7 - 10115 Berlin, Germany

## AGENDA

### DAY I - Monday, 21<sup>st</sup> January

**13.00-14.00** Registration

**14.00-14.15** Welcome & Introduction

Georg Winterer - Charité-Universitätsmedizin Berlin, Germany

Claudia Spies - Charité-Universitätsmedizin Berlin, Germany

**14.15-15.15** The Effect of Sepsis on the Brain of Mice and Man

W.A. van Gool - Academisch Medisch Centrum Universiteit van Amsterdam

**15.15-16.15** Preoperative Prediction of Postoperative Cognitive Impairment: BioCog Findings

Georg Winterer - Charité-Universitätsmedizin Berlin / Pharmimage Biomarker Solutions GmbH, Germany

**16.15-17.00** Coffee break

**17.00-18.00** Preoperative Prediction of POD/POCD

Claudia Spies - Charité-Universitätsmedizin Berlin, Germany

**18.00-20.00** Come-together on-site

### DAY II - Tuesday, 22<sup>nd</sup> January

**08.30-09.00** Registration

**Work package I: Final Clinical Results from the BioCog Cohort Study (exploratory and validation data set)** - Chair: Claudia Spies - Charité-Universitätsmedizin Berlin, Germany

**09.00-09.20** TBA

Florian Lammers - Charité-Universitätsmedizin Berlin, Germany

**09.20-09.40** TBA

Fatima Yürek - Charité-Universitätsmedizin Berlin, Germany

**09.40-10.00** Hs-CRP as a predictor for postoperative delirium. Final data from the interim and validation sample

Daniel Hadzidiakos - Charité-Universitätsmedizin Berlin, Germany

**10.00-10.20** TBA

Friedrich Borchers - Charité-Universitätsmedizin Berlin, Germany

**10.20-10.40** Cholinesterases and postoperative Delirium

Anika Müller - Charité-Universitätsmedizin Berlin, Germany

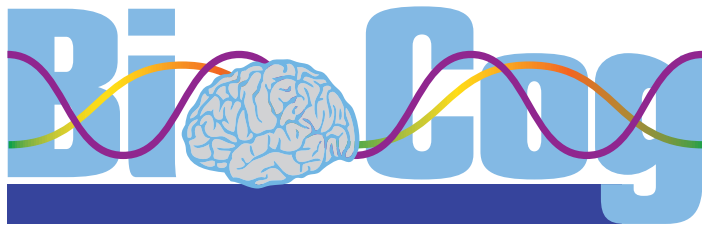
**10.40-11.20** Coffee break



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 602461.

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**11.20-11.40 Association between genetic variants of the cholinergic system and postoperative delirium and cognitive dysfunction**

Maria Olbert - Charité-Universitätsmedizin Berlin, Germany

**11.40-12.00 Final results of the Subprojects ‘SugarCog’ and ‘Microbleeds’**

Gunnar Lachmann - Charité-Universitätsmedizin Berlin, Germany

**12.00-12.45 Quality of Life and Health Economic Analyses**

Simon Weber - Cellogic GmbH, Germany

**12.45-14.00** *Lunch*

**Work package 2: Final Neuroimaging Results from the BioCog Cohort Study (exploratory and validation data set)** - Chair: Georg Winterer - Charité-Universitätsmedizin Berlin, Germany

**14.00-14.30 Brain Structure and Function: Prediction of POD/POCD and Disease Course Trajectories**

Norman Zacharias - Charité-Universitätsmedizin Berlin, Germany

Simone Kühn - Pharmimage Biomarker Solutions GmbH, Germany

**14.30-15.00 Diffusion MRI indices of vulnerability to post-operative delirium**

Jacobus Preller - Cambridge University Hospitals NHS Foundation Trust, UK

**15.00-15.30 Vascular Lesions: Prediction of POD/POCD and Disease Course Trajectories**

Ilse Kant - Universitair Medisch Centrum Utrecht, the Netherlands

**15.30-16.15** *Coffee break*

**Work package 3: Final Molecular Results from the BioCog Cohort Study (exploratory and validation data set)** - Chair: Tobias Pischon - Max-Delbrück-Centrum für Molekulare Medizin, Germany

**16.15-16.45 Metabolic syndrome and risk of post-operative cognitive impairment**

Insa Feinkohl - Max-Delbrück-Centrum für Molekulare Medizin, Germany

**16.45-17.15 Pre-operative prediction of POD/POCD based on metabolic, inflammatory, cardio-vascular, and oxidative stress biomarkers**

Thomas Bernd Dschietzig - Immundiagnostik AG, Germany

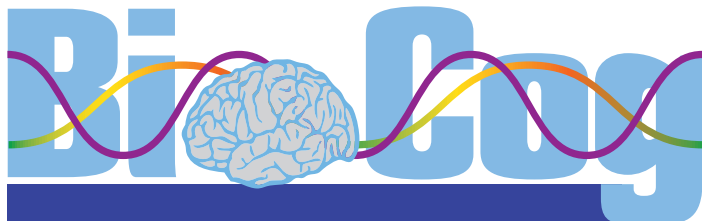
**17.15-19.15 Guided Poster Presentation** and *fingerfood and drinks*



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## DAY III - Wednesday, 23<sup>rd</sup> January

08.30-09.00 Registration

### Work package 4: Big Data, Bioinformatics and App Development)

Chair: Roland Krause - University of Luxembourg, Luxembourg

09.00-09.45 **Healthy Minds from 0-100 years: Optimising the use of European brain imaging cohorts**

Klaus Ebmeier - University of Oxford, UK

09.45-10.30 **Systems level approaches to therapeutic target discovery and validation in neuropsychiatric diseases**

Rafal Kaminski - F. Hoffmann-La Roche SA, Switzerland

10.30-11.15 *Coffee break*

11.15-11.45 **Multivariate Prediction: BioCog Software Application**

Georg Winterer - Charité-Universitätsmedizin Berlin, Germany

Norman Zacharias - Charité-Universitätsmedizin Berlin, Germany

11.45-12.15 **Data integration of high-dimensional data for the detection of molecular biomarkers for POD and POCD**

Roland Krause - University of Luxembourg, Luxembourg

12.15-12.45 **Impact of Quality Indicators on Patient Outcome and Health Care Resource Utilization**

Daniel Fürstenau - Freie Universität Berlin, Germany

Felix Balzers - Charité-Universitätsmedizin Berlin, Germany

12.45-13.00 **Closing Remarks by Coordinator**

13.00 **End of Meeting**

13.30-15.30 **Joint Meeting of BioCog steering and scientific advisory committees**



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