

BrainDrugs Annual Meeting 2021

Thursday, June 3, 2021

The meeting will be held as a hybrid event. If possible, please join physically at the venue.

Venue: **Comwell Borupgaard, Snekkersten**

Online: <https://us02web.zoom.us/j/84259826032?pwd=ckNBNiB5Qys0b2t6Z0FBWE1Ybjhtdz09>

Program		Speaker
09:00 - 09:15	Welcome and Introduction to the meeting	Gitte Moos Kundsén
09:15 - 10:20	WP1: National Registries <i>Chair: Esben Budtz-Jørgensen</i> 1. Short introduction to the work package aims and the people involved (5 min) 2. Response and predictors of response to antidepressants and mood stabilisers in patients with unipolar disorder or bipolar disorder with and without comorbid epilepsy (15 min) 3. Epilepsy and psychiatric co-morbidity (5 min) 4. Epilepsy and depression - A bidirectional relationship (10 min) 5. Target trial emulation in observational studies of epilepsy and depression (15 min) - Questions and discussion (10 min)	1. Lars Kessing 2. Lars Kessing 3. Jakob Christensen 4. Eva Bølling-Ladegaard 5. Simon Ziérsen
10:20 - 10:45	Coffee break	
10:45 - 11:50	WP2: Electronic Patient Data: Text mining and Machine Learning <i>Chair: Søren Brunak</i> 1. Overview of the BigTempHealth data set comprising 10 years of EHRs from the Eastern part of Denmark (15 min) 2. Subgrouping epilepsy patients based on EHR text mining using controlled vocabularies (15 min) 3. Transferring fair models across languages (15 min) - Questions and discussion (10 min)	1. Søren Brunak 2. Sebastian Werge 3. Anders Søgaard
11:50 - 13:00	WP3: Deep Phenotyping Data from Established Research Cohorts <i>Chair: Vibe Frøkjær</i> 1. Status and plans (10 min) 2. Integrated analysis and machine learning approaches to identify clinically relevant profiles that can inform expected treatment response of 8-12 weeks standard antidepressant drug treatment in MDD - leveraging NP1 data (15 min) 3. The role of serotonin in working memory – a multi-receptor PET study in healthy individuals and patients with mood disorders (15 min) 4. NEAD contributions to patient cohorts in WP3 (10 min) - Questions and discussion (10 min)	1. Vibe Frøkjær & Kamilla Miskowiak 2. Brice Ozenne/Vibeke Dam 3. Vibeke Dam 4. Kamilla Miskowiak
13:00 - 14:00	Lunch	
14:00 - 14:10	Lundbeck Foundation Communication Funding strategy and research communication	Lars Torup & Jesper Sloth Møller
14:10 - 15:00	WP4: Deep Phenotyping Data from New Research Cohorts <i>Chair: Lars Pinborg</i> 1. BrainDrugs WP4 Epilepsy Status (5 min) 2. Precision medicine in the treatment of epilepsy – Establishing the BrainDrugs-Epilepsy Cohort (10 min) 3. BrainDrugs WP4 Depression Status (5 min) 4. Brain neuroplasticity in response to drug treatment of major depressive disorder (10 min) - Questions and discussion (10 min)	1. Lars Pinborg 2. Maja Marstrand-Jørgensen 3. Martin Balslev Jørgensen 4. Kristian R. Jensen
15:00 - 15:15	Group photo	Peter Steen Jensen
15:15 - 15:30	Coffee break	
15:30 - 16:15	WP5: Mining neuroimaging data <i>Chair: Melanie Ganz-Benjaminsen</i> 1. Short introduction to the work package aims and the people involved (5 min) 2. Utilizing morphological alterations in drug-resistant temporal lobe epilepsy patients to help identify patients in high risk of developing de novo depression after epilepsy surgery (10 min) 3. Evaluating volumetric differences in Major Depressive Disorder (10 min) - Questions and discussion (10 min)	1. Melanie Ganz-Benjaminsen 2. Lars Pinborg 3. Ella Hedeboe
16:15 - 16:45	WP6: Treatment Response and Genomic Data <i>Chair: Thomas Werge</i> 1. Genomic predictors of depression in epilepsy patients (20 min) - Questions and discussion (5 min)	1. Thomas Werge & John R. Shorter
16:45 - 17:00	Wrap-up	Gitte Moos Kundsén

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List of participants at the venue

Anders Stevnhoved Olsen, NRU-Rigshospitalet
Anders Søgaard, University of Copenhagen
Anna Søndergaard, NRU-Rigshospitalet
Annette Johansen, NRU-Rigshospitalet
Annika Læbo Rasmussen, NRU-Rigshospitalet
Brice Ozenne, NRU-Rigshospitalet & University of Copenhagen
Cheng Teng Ip, NRU-Rigshospitalet
Dea Stenbæk, NRU-Rigshospitalet & University of Copenhagen
Drummond McCulloch, NRU-Rigshospitalet
Elisabeth Buck Pedersen, NRU-Rigshospitalet
Ella Hedeboe, NRU-Rigshospitalet
Emily Beaman, NRU-Rigshospitalet
Esben Budtz-Jørgensen, University of Copenhagen
Eva Bølling-Ladegaard, Aarhus University
Eva Roitmann, University of Copenhagen
Gitte Moos Knudsen, NRU-Rigshospitalet
Ida Ivek, NRU-Rigshospitalet
Isabella Friis Jørgensen, University of Copenhagen
Jesper Sloth Møller, Lundbeck Foundation
Kristian Reveles Jensen, NRU-Rigshospitalet & Psychiatric Centre CPH
Lars Pinborg, NRU-Rigshospitalet
Lars Tørup, Lundbeck Foundation
Lone Freyr, NRU-Rigshospitalet
Martin Balslev Jørgensen, Psychiatric Centre CPH
Maja Marstrand-Jørgensen, NRU-Rigshospitalet
Martin Nørgaard, NRU-Rigshospitalet
Melanie Ganz-Benjaminsen, NRU-Rigshospitalet & University of Copenhagen
Mette Clausen, NRU-Rigshospitalet
Minna Litman, NRU-Rigshospitalet
Olaf Paulson, NRU-Rigshospitalet
Patrick Fisher, NRU-Rigshospitalet
Peter Steen Jensen, NRU-Rigshospitalet
Sara Marie Ulv Larsen, NRU-Rigshospitalet
Sebastian Werge, University of Copenhagen
Simon Ziersen, University of Copenhagen
Siri Vulpius, University of Copenhagen
Sophia Armand, NRU-Rigshospitalet
Stinne Høgh, NRU-Rigshospitalet
Søren Brunak, University of Copenhagen
Søren V. Larsen, NRU-Rigshospitalet
Vibe Frøkjær, NRU-Rigshospitalet
Vibeke Naja Høyup Dam, NRU-Rigshospitalet
Vincent Beliveau, Medical University of Innsbruck & NRU-Rigshospitalet