**25th Annual Mayo Clinic-Karolinska Institutet Scientific Research Meeting**

**Stockholm, Sweden**

**Psychiatry and Psychology**

*(Please note that minor changes might occur)*

*Please see the main agenda for the morning and evening schedule*

**Monday, September 23, 2019**
**Venue: Biomedicum 4**

| Time   | Topic                                                                 | Speaker(s)                                |
|--------|-----------------------------------------------------------------------|-------------------------------------------|
| 12:30 pm | Braining-physical exercise as add-on treatment in psychiatric ward   | Lina Martinsson, MD, PhD (KI)             |
| 12:50 pm | Consequences of lithium long-term treatment                           | Lena Backlund, MD, PhD (KI)              |
| 1:10 pm  | Long-term lithium treatment and relation to somatic illness and cause of death | Katja Ponzer, MD (KI)                     |
| 1:30 pm  | Dissecting the genetics of lithium pharmacokinetics                   | Vincent Millischer, MD (KI)              |
| 1:50 pm  | Dissecting sub-phenotypes of bipolar disorder using multiple polygenic risk scores | Brandon Coombes, PhD (MC)               |
| 2:10 pm  | Break                                                                 |                                           |
| 2:40 pm  | Genomic Estimation of Metabolite Scores (GEMS) reveals potential roles of metabolites in bipolar disorder and related phenotypes | Joanna Biernacka, PhD (MC)               |
| 3:00 pm  | Alcohol use disorder and bariatric surgery                            | Karen Grothe, PhD (MC)                   |
| 3:20 pm  | The crucial bridge: The effectiveness of a transitional program for adults recently discharged from psychiatric hospitalization | Ajeng J. Puspitasari, PhD (MC)           |
| 3:40 pm  | Complex Intervention Unit (CIU): Redesigning care for violent patients | Neel Shah, MB, ChB (MC)                  |
| Time  | Topic                                                                 | Presenter(s)                      |
|-------|----------------------------------------------------------------------|-----------------------------------|
| 4:00 pm | Community therapist response to technology-assisted training in exposure therapy for childhood anxiety disorders | Stephen Whiteside, PhD (MC)       |
| 4:20 pm | LPS double-shot induces deficits in working memory                   | Lee Peyton, BS (MC)               |
| 4:40 pm | Identification of disease and treatment associated metabolomic biomarkers in first-episode psychosis (KI) | Maximilian Tufvesson Alm, MSc (KI) |
| 5:00 pm | Discussion                                                           |                                   |

**Tuesday, September 24, 2019**  
*Please see the main agenda for the afternoon and evening schedule*

**Venue: Biomedicum 4**

| Time  | Topic                                                                 | Presenter(s)                      |
|-------|----------------------------------------------------------------------|-----------------------------------|
| 8:10 am | Artificial Intelligence-guided individualized prognoses of antidepressant medication's outcomes in measurement-based psychiatry | Arjun P. Athreya, MS, PhD (MC)    |
| 8:30 am | Neurological, morphological, and genetic findings in twins with and without neurodevelopmental disorders | Lynnea Myers, PhD (KI)            |
| 8:50 am | The gut flora in persons with neuropsychiatric disorder: A novel avenue for therapy | Catharina Lavebratt, PhD (MC)     |
| 9:10 am | Medical treatment in attention-deficit hyperactivity disorder and co-existing autism spectrum disorder | Viktoria Johansson, MD, PhD (KI)  |
| 9:30 am | ADHD medication and predictors of treatment outcome (ADAPT)          | Linda Halldner, MD, PhD (Umeå University)  
|         |                                                                      | Jyoti Bhagia, MD (MC)             |
| 9:50 am | Break                                                                |                                   |
| 10:10 am | Wrist fracture in psychiatric patients as a marker for neurocognitive decline | Joshua Baruth, MD, PhD (MC)       |
| 10:30 am | Amyloid, tau-related pathology, and hippocampal atrophy in dementia with lewy bodies: An update on our collaborative studies between Mayo Clinic and Karolinska Institutet, including the MC-DLB and the E-DLB Consortia | Daniel Ferreiram, PhD (KI)        |
| 10:50 am | Lipid-lowering treatment in patients with and without schizophrenia | Sven V. Eriksson, PhD (KI)        |
| 11:10 am | Final discussions                                                    |                                   |
Posters

**Viktoria Johansson, MD, PhD**, Medical treatment in attention-deficit hyperactivity disorder and co-existing autism spectrum disorder (KI)

**Frederik Elberling, PhD student**, Desipramine restores the alterations in circadian entrainment induced by prenatal exposure to glucocorticoids (KI)

**Maximilian Tufvesson Alm, MSc**, Identification of disease and treatment associated metabolomic biomarkers in first-episode psychosis (KI)

**Karen Grothe, PhD** Alcohol use disorder and bariatric surgery (MC)

**Neel Shah, MB, ChB** Complex Intervention Unit (CIU): Redesigning care for violent patients (MC)

**Arjun P. Athreya, MS, PhD** Artificial Intelligence-guided individualized prognoses of antidepressant medication’s outcomes in measurement-based psychiatry (MC)

**Ajeng J. Puspitasari, PhD** The crucial bridge: The effectiveness of a transitional program for adults recently discharged from psychiatric hospitalization (MC)

**Daniel Ferreiram, PhD** Amyloid, tau-related pathology, and hippocampal atrophy in dementia with lewy bodies: An update on our collaborative studies between Mayo Clinic and Karolinska Institutet, including the MC-DLB and the E-DLB Consortia (KI)