XXIV Paulo International Medical Symposium
Schizophrenia - Epidemiology and Biology

June 18th to 20th, 2012
Oulu, Finland

PROGRAM

Sunday 17th June 2012
16:00-19:00  Registration desk open
19:00-21:00  Welcome Reception, Aurora Hall

Monday 18th June 2012
8:00  Registration desk opens
8:45-9:15  Coffee
9:15-9:30  Opening of the symposium, Aurora Hall
Adjunct Professor Jouko Miettunen and Dr Erika Jääskeläinen,
Oulu Psychiatric Epidemiology Society

Session 1, Aurora Hall - Chair: Matti Isohanni, co-chair: Antti Alaräisänen
9:30-10:30  Translational epidemiology – linking clues from schizophrenia epidemiology with experimental neuroscience
Professor John McGrath (Australia)
10:30-11:30  The outcome of schizophrenia revisited: Are there international differences?
Dr Josep Maria Haro (Spain)
11:30-12:30  Lunch, Lasaretti Restaurant
12:30-13:30  Poster session 1, Yrjö Hall - Chair: Juha Veijola, co-chair: Marianne Haapea

Session 2, Aurora Hall - Chair: John McGrath, co-chair: Jouko Miettunen
13:30-14:30  Signs of infection and inflammation in early life and risk of schizophrenia
Professor Christina Dalman (Sweden)
14:30-15:30  Altered learning and memory mechanisms in schizophrenia
Professor Carol Tamminga (USA)
15:30-16:00  Coffee

Parallel oral sessions
Oral session 1, Aurora Hall - Chair: Christina Dalman, co-chair: Erika Jääskeläinen
16:00-16:30 James MacCabe: Decline in verbal IQ between age 13 and 18 and risk for schizophrenia in adulthood: a Swedish longitudinal cohort study
16:30-17:00 Vera Morgan: Clustering of neuropsychiatric outcomes in children of women with psychosis: a western Australian retrospective e-cohort study using record-linked data

Oral session 2, Merikoski Hall - Chair: Juha Veijola, co-chair: Pauliina Juola
16:00-16:15 Pirjo Mäki: Childhood and adolescence symptoms predicting psychosis in the general population based Northern Finland Birth Cohort 1986
16:15-16:30 Susanne Gage: Cannabis use and psychotic experiences in ALSPAC teenagers – a longitudinal study
16:30-16:45 Maria Niarchou: Speed of processing deficits predict non-clinical psychotic experiences in children and adolescents; longitudinal analyses in a large birth cohort
16:45-17:00 Sarah Sullivan: Psychotic symptoms and social functioning: a longitudinal study

Oral session 3, Linna Cabinet - Chair: Brian Miller, co-chair: Tanja Nordström
16:00-16:15 Tuomas Jukuri: Default mode network in young people with familial risk for psychosis – the Oulu Brain and Mind Study
16:15-16:30 Tuukka Raij: Auditory verbal hallucination and imagery of the hallucination differ by stronger activation of the supplementary motor area during imagery
16:30-16:45 Timothea Toulopoulou: Prefrontal deviations in function but not volume are putative endophenotypes for schizophrenia
16:45-17:00 Matti Isohanni: Lifespan development in schizophrenia from womb to grave - results from the Northern Finland 1966 Birth Cohort

19:00-01:00 Conference Dinner, Maikkula Estate

Tuesday 19th June 2012
8:30 Registration desk opens
9:00-9:30 Coffee

Session 3, Aurora Hall - Chair: Jaana Suvisaari, co-chair: Erika Jääskeläinen
9:30-10:30 Psychosis and diagnosis: Are symptoms part of the cause?
Professor Jim van Os (Netherlands)
10:30-11:30 Schizophrenia: Cases and places
Assistant Professor Peter Jones (UK)
10:30-11:30 Lunch
11:30-12:30 Poster session 2, Yrjö Hall - Chair: Pirjo Mäki, co-chair: Matti Penttilä
12:30-13:30 Gene-environment interactions in psychosis: time to take it seriously
Professor Inez Myin-Germeys (Netherlands)
13:30-14:30 Back to the environment – prenatal and childhood risk factors for schizophrenia
Professor Mary Cannon (Ireland)
13:30-14:30 Coffee

Parallel oral sessions
Oral session 4, Aurora Hall - Chair: Erika Jääskeläinen, co-chair: Antti Alaräisänen
16:00-16:30 Risto Näätänen: The mismatch negativity (MMN) - an index of cognitive deterioration, the common core of all major neuropsychiatric diseases – a review
16:30-17:00 Juha Veijola: Progression in brain tissue loss in subjects with schizophrenia. The Northern Finland 1966 Birth Cohort study
17:00-17:30 Alan Mackay-Sim: Patient-derived stem cells: access to the cell biology of schizophrenia

Oral session 5, Merikoski Hall - Chair: James MacGabe, co-chair Jouko Miettunen
16:00-16:15 Vladeta Ajdacic-Gross: Disentangling the heterogeneity and complexity of psychosis syndromes: methodological promises
16:15-16:30 Anthony Ahmed: Psychosis phenotypes and the structure of personality: evidence of a dimensional model of psychotic experiences
16:30-16:45 Virva Siira: The role of long-term manifestation of personality traits and heritability as vulnerability indicators for psychopathology
16:45-17:00 Niklas Granö: JERI - Early detection and intervention model for adolescents at risk for psychosis: Can transition to psychosis be prevented?
17:00-17:15 Marius Lahti: Cardiovascular morbidity, mortality, and pharmacotherapy in patients with schizophrenia

Oral session 6, Linna Cabinet - Chair: Vera Morgan, co-chair: Sanna Huhtaniska
16:00-16:15 Aye-Mu Myint: Immune activation induced kynurenines imbalance is associated with response to treatment with antipsychotics
16:15-16:30 Jaana Suvisaari: Proline and schizophrenia
16:30-16:45 Esben Agerbo: Modelling the contribution of family history and variation in single nucleotide polymorphisms to risk of schizophrenia: a Danish national birth cohort-based study
16:45-17:00 Mary C. Clarke: Evidence for a skewed developmental trajectory among first-degree relatives of schizophrenia patients
17:00-17:15 Adrianna Mendrek: Sex-specific differences in neurocognitive function in schizophrenia
19:00-21:00 City Reception, City Hall

Wednesday 20th June 2012
8:30 Registration desk opens
9:00-9:30 Coffee
Session 5, Aurora Hall - Chair: Christos Pantelis, co-chair: Marianne Haapea
9:30-10:30 What underlies the onset of psychosis?
Professor Philip McGuire (UK)
10:30-11:30 Vitamin D, brain outcomes and non-linear exposure-risk relationships
Professor John McGrath (Australia)
11:30-12:30 Lunch
12:30-13:30 Poster session 3, Yrjö Hall - Chair: Matti Isohanni, co-chair: Erika Jääskeläinen
Session 6, Aurora Hall - Chair: Jouko Miettunen, co-chair: Erika Jääskeläinen
13:30-14:30  **Reward prediction error learning dysfunction in psychosis: linking dopamine, learning and delusions**  
Dr Graham Murray (UK)

14:30-15:30  **Neuroimaging markers of illness onset in psychosis: the search for a moving target**  
Professor Christos Pantelis (Australia)

15:30-16:00  *Coffee*

**Session 7, Aurora Hall** - Chair: Graham Murray, co-chair: Antti Alaräisänen

16:00-17:00  **Most adult psychiatric disorders begin in childhood, but when should we treat them?**  
Professor Peter Jones (UK)

17:00-17:15  **Closing of the symposium, Aurora Hall**  
Adjunct Professor Jouko Miettunen and Dr Erika Jääskeläinen, Oulu Psychiatric Epidemiology Society