

SCHEDULE - DETAILED VIEW

Virtual 2020 World Congress of Psychiatric Genetics

FRIDAY, OCTOBER 16

Virtual Help Desk

Fri 6:30 AM - 2 PM

Virtual Coffee Break

ISPG Encourages Collaboration: Jump into the Virtual Coffee Break Room anytime during the congress and start a discussion with other attendees! You never know who will be there!

Fri 6:30 AM - 10 PM

Education Day*

Fri 7 AM - 12 PM

Animal Models and Their Relevance in Pharmacogenomics of Psychotropic Medications: A Translational Perspective (Antipsychotics)

Fri 7:15 AM - 7:45 AM • Education Session

Marco Riva, Ph.D. *Chair*

Dept. Pharmacological & Biomolecular Sciences, University of Milan

Education Day: Other Medications

Fri 7:45 AM - 8:15 AM • Education Session

Annamaria Cattaneo, Ph.D. *Chair*

King's College London, Institute of Psychiatry; IRCCS Fatebenefratelli Brescia; Department of Pharmacological and Biomolecular Sciences.

The Added Value of Molecular Genetics in Treatment Response Prediction and in the Diagnosis of Severe Psychiatric Disorders

Fri 8:15 AM - 8:45 AM • Education Session

Mirko Manchia, M.D., Ph.D. *Chair*

University of Cagliari

The Promises and Hurdles of Pharmacogenetics in Psychiatry: The Case of Lithium

Fri 9 AM - 9:30 AM • Education Session

Alessio Squassina, Ph.D. *Chair*

University of Cagliari

9 AM - 9:15 AM

Claudia Pisanu, M.D. *Presenter*

University of Cagliari

Biostatistical Approaches Applied to Lithium Pharmacogenomics

9:15 AM - 9:30 AM

A Clinical Perspective on Pharmacogenetic Testing of Antidepressants

Fri 9:30 AM - 10 AM • Education Session

Alessandro Serretti, M.D. *Chair*

Bologna University

Polygenic Risk Scores in Psychiatry: Current and Future Perspectives

Fri 10 AM - 10:30 AM • Education Session

Chiara Fabbri, M.D. *Chair*

University of Bologna

Implementation of Pharmacogenetics in the Clinic: Current status of Pharmacogenetic Testing in Psychiatry.

Fri 10:45 AM - 11:45 AM • Education Session

Ron van Schaik, Prof. Dr. *Chair*

Erasmus MC

Break

Fri 8:45 AM - 9 AM

Virtual Round Table with the Residency Education Committee Chairs,

Gwyneth Zai and Aaron Besterman

Resources and Approaches to Teaching Genetics in Psychiatry

Fri 10:30 AM - 10:45 AM

Genetic Testing Informational Session*

Fri 12 PM - 1:05 PM

ISPG Genetic Testing Committee

Fri 12 PM - 1:05 PM • Special Symposia

Francis J. McMahon, M.D. *Chair*

Mood & Anxiety Section, NIMH/NIH

12 PM - 12:05 PM

Franziska Degenhardt, M.D. *Co-chair*

Department of Child and Adolescence Psychiatry, Essen

Brenda Finucane, M.S. *Presenter*

Geisinger Autism & Developmental Medicine Institute

Diagnostic Genetic Testing for Neuropsychiatric Disorders

12:05 PM - 12:15 PM

Eva Schulte, M.D., Ph.D. *Presenter*

Institute for Psychiatric Phenomics and Genomics, Ludwig Maximilian Universität, Munich

Gwas Hits and Polygenic Scores in Clinical Genetic Testing

12:15 PM - 12:25 PM

Marcella Rietschel, M.D., Ph.D., Prof. Dr. med *Presenter*

Central Institute of Mental Health, Medical Faculty Mannheim, Heidelberg University, Heidelberg, Germany

Secondary and Incidental Findings

12:25 PM - 12:35 PM

Jehannine Austin, Ph.D. *Presenter*

University of British Columbia

Psychiatric Genetic counseling: A Brief Introduction

12:35 PM - 12:45 PM

Fernando Goes, M.D. *Presenter*

Johns Hopkins University

Genetic Testing: What Do Clinicians Need and Want to know?

12:45 PM - 12:55 PM

Chad Bousman, Ph.D. *Presenter*

University of Calgary

Review and Consensus on Pharmacogenomic Testing in Psychiatry

12:55 PM - 1:05 PM

Genetic Testing Breakout 1: Dx Testing, CNVs, and Polygenic Scores led by Brenda Finucane & Eva Schulte

Fri 1:10 PM - 1:30 PM

Genetic Testing Breakout 2: Genetic Counseling, Secondary and Incidental Findings led by Marcella Rietschel & Jehannine Austin

Fri 1:10 PM - 1:30 PM

Genetic Testing Breakout 3: Education led by Fernando Goes

Fri 1:10 PM - 1:30 PM

Genetic Testing Breakout 4: Pharmacogenomics led by Chad Bousman

Fri 1:10 PM - 1:30 PM

Satellite Session: Genetics of Personality Disorders

All Attendees Welcome

Fri 2 PM - 3 PM

MONDAY, OCTOBER 19

Virtual Coffee Break

ISPG Encourages Collaboration: Jump into the Virtual Coffee Break Room anytime during the congress and start a discussion with other attendees! You never know who will be there!

Mon 6:30 AM - 10 PM

Speaker Ready Room & Help Desk

Mon 8 AM - 6 PM

Virtual Round Table with Education Day Speaker, Chiara Fabbri

Join an informal discussion and network around topics of importance to the psychiatric genetics community! Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 8:30 AM - 8:45 AM

Virtual Round Table with WCPG Program Chair and Education Day Speaker, Mirko Manchia

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 8:30 AM - 8:45 AM

Virtual Round Table with WCPG Program Chair and Education Day Speaker, Alessio Squassina and Education Day Speaker, Claudia Pisanu

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 8:30 AM - 8:45 AM

Virtual Round Table with Education Day Speaker, Ron van Schaik, PhD, FACB

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 8:30 AM - 8:45 AM

Welcome Address and Opening Plenary: *Modeling Neurodevelopmental Disorders With Human Cerebral Organoids* - Dr. Silvia Cappello*

Welcome by ISPG President Thomas Schulze

Moderator: Elisabeth Binder

Mon 9 AM - 10:15 AM

Modeling Neurodevelopmental Disorders With Human Cerebral Organoids

Mon 9 AM - 10:15 AM • Plenary

Silvia Cappello, Ph.D. *Chair*

Max Planck Institute of Psychiatry

Virtual Round Table with Plenary Speaker, Silvia Cappello

Join an informal discussion and network around topics of importance to the psychiatric genetics community!

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 10:15 AM - 10:30 AM

Virtual Round Table with Sergiu Pasca on the topic of Human Brain Organoids

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 10:15 AM - 10:30 AM

Concurrent Symposia Sessions*

Expand the arrows to the right to view the session titles and access the virtual symposia.

Mon 10:30 AM - 12 PM

A New Phase for Genomic Study of Depression: Exploring Heterogeneity in Large-Scale Datasets*

Mon 10:30 AM - 12 PM • Symposia

Brenda Penninx, Ph.D. *Chair*

Amsterdam UMC, Vrije Universiteit

10:30 AM - 10:40 AM

Yuri Milaneschi, Ph.D. *Co-chair*

Amsterdam UMC

Na Cai, B.A., D.Phil., M.A. *Presenter*

Helmholtz Pioneer Campus, Helmholtz Zentrum München

Depression or Depressions

10:40 AM - 10:55 AM

Bradley Jermy, M.Sc. *Presenter*

King's College London

What's in a Diagnosis? A Genetic Decomposition of Major Depression

10:55 AM - 11:10 AM

Chiara Fabbri, M.D. *Presenter*

University of Bologna

Depression With Atypical Neurovegetative Symptoms Shares Genetic Predisposition With Immuno-Metabolic Traits

11:10 AM - 11:25 AM

Yuri Milaneschi, Ph.D. *Presenter*

Amsterdam UMC

Scaling up the Genomic Study of Immuno-Metabolic Depression

11:25 AM - 11:40 AM

Cathryn Lewis, Ph.D. *Discussant*

King's College London

11:40 AM - 12 PM

Insights Into Epigenetic Mechanisms of Psychiatric Disorders and Translational Approaches

Mon 10:30 AM - 12 PM • Symposia

Marieke Klein, M.Sc., Ph.D. *Chair*

UC San Diego

10:30 AM - 10:40 AM

Jenny van Dongen, Ph.D. *Co-chair*

Vrije Universiteit Amsterdam

Mandy Meijer, M.Sc. *Presenter*

Radboud University Medical Centre

Cell Type-Specific DNA Methylation is Associated With Childhood Attention-Deficit/Hyperactivity Disorder Symptoms

10:40 AM - 10:55 AM

Leticia Spindola, M.Sc., Ph.D. *Presenter*

University of Bergen

Exploration of Brain-Heritable Methylation in Schizophrenia Cases and Controls

10:55 AM - 11:10 AM

Jonathan Mill, Ph.D. *Presenter*

University of Exeter

Disrupted MicroRNA Expression in the Dorsolateral Prefrontal Cortex is Associated With Schizophrenia

11:10 AM - 11:25 AM

Anthi Krontira, M.Sc. *Presenter*

Max Planck Institute of Psychiatry

Molecular Pathways of Glucocorticoids Effects on Neurodevelopment

11:25 AM - 11:40 AM

Joel Nigg, Ph.D. *Discussant*

Oregon Health & Science University

11:40 AM - 12 PM

Into the Wild: The Real-Life Impact of Psychiatric Genetics

Mon 10:30 AM - 12 PM • Symposia

Lea Davis, Ph.D. *Chair*

Vanderbilt University Medical Center

10:30 AM - 10:40 AM

Franziska Degenhardt, M.D. *Co-chair*

Department of Child and Adolescence Psychiatry, Essen

Holly Peay, M.S., Ph.D. *Presenter*

RTI International

Clinical Application of Polygenic Risk Scores: Ethical Challenges

10:40 AM - 10:55 AM

Todd Lencz, Ph.D. *Presenter*

Hofstra Northwell School of Medicine

Polygenic Embryo Screening: Towards Informed Decision Making

10:55 AM - 11:10 AM

David Crepaz-Keay, Ph.D. *Presenter*

Mental Health Foundation

Ethical Issues in Biobanks, Psychiatric Genetics and Pharmacogenomic Perspectives From People With Psychiatric Diagnoses, Their Families, and Their Psychiatric Genetic Counsellors

11:10 AM - 11:25 AM

Maya Sabatello, Other, Ph.D. *Presenter*

Columbia University

Psychiatric Genetics and Stigma in Child Custody Proceedings

11:25 AM - 11:40 AM

Gabriel Lazaro-Munoz, Other, Ph.D. *Discussant*

Baylor College of Medicine

11:40 AM - 12 PM

Insights Into the Genetics of Bipolar Disorder and its Treatment

Mon 10:30 AM - 12 PM • Symposia

Ole Andreassen, Prof. *Chair*

University of Oslo

10:30 AM - 10:40 AM

Roel Ophoff, Ph.D. *Co-chair*

UCLA Center for Neurobehavioral

Niamh Mullins, Ph.D. *Presenter*

Icahn School of Medicine at Mount Sinai

Biological Insights Into Bipolar Disorder From Genome-Wide Association Study of Over 40,000 Cases

10:40 AM - 10:55 AM

Arianna Di Florio, M.D. *Presenter*

Cardiff University

Phenotype Dissection in Bipolar Disorder Genome-Wide Association Studies

10:55 AM - 11:10 AM

Kevin O'Connell, B.Sc., Ph.D. *Presenter*

University of Oslo

Genetic Associations with Bipolar Disorder in Large and Ancestrally Diverse Population Samples

11:10 AM - 11:25 AM

Sergi Papiol, Ph.D. *Presenter*

Institute of Psychiatric Phenomics and Genomics (IPPG), University Hospital, Ludwig Maximilian University

The International Consortium on Lithium Genetics: Update and Outlook

11:25 AM - 11:40 AM

Roel Ophoff, Ph.D. *Discussant*

UCLA Center for Neurobehavioral

11:40 AM - 12 PM

Virtual Poster Session I (First Hour)

Mon 12 PM - 1 PM

Plenary: *Genetics of Neurodevelopmental Disease* - Dr. Matt Hurles*

Chair: Jonathan Sebat

Mon 1 PM - 2 PM

Genetics of Neurodevelopmental Disease

Mon 1 PM - 2 PM • Plenary

Matt Hurles, FRS, M.A., Ph.D., Prof. *Chair*

Wellcome Sanger Institute

Virtual Round Table with Plenary Speaker, Matt Hurles

Join an informal discussion and network around topics of importance to the psychiatric genetics community!

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 2 PM - 2:15 PM

Virtual Round Table with Barbara Franke on the topic of Genetic Architecture of Neurodevelopmental Disorders

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 2 PM - 2:15 PM

Virtual Round Table with Lifetime Achievement Award Winner, Michael O'Donovan

Join an informal discussion and offer congratulations to Prof. O'Donovan!

Mon 2 PM - 2:15 PM

Oral Session: Substance Abuse*

Co-Chairs: Laura Almasy & Sergi Papiol

Mon 2:15 PM - 3:45 PM

Genomic Analysis of 1.5 Million People Uncovers Genes Related to Addiction, Antisocial Behavior, and Health: Insights From The Externalizing Consortium

Mon 2:15 PM - 2:30 PM • Oral Presentation

Travis Mallard, M.A. *Presenter*

University of Texas at Austin

A Common Genetic Architecture Characterizes Addiction Disorders: Analysis Across Multiple Ancestral Populations

Mon 2:30 PM - 2:45 PM • Oral Presentation

Alexander Hatoum, Ph.D. *Presenter*

Washington University In St. Louis, School of Medicine

Analysis of Epigenetic Profiles in Postmortem Brain Samples From Individuals With Alcohol Use Disorder

Mon 2:45 PM - 3 PM • Oral Presentation

Lea Zillich, M.Sc. *Presenter*

Central Institute of Mental Health, Medical Faculty Mannheim, Heidelberg University

Genetic Liability for Substance Use Associated With Medical Comorbidities in Electronic Health Records of African- and European-Ancestry Individuals

Mon 3 PM - 3:15 PM • Oral Presentation

Rachel Kember, M.Sc., Ph.D. *Presenter*

University of Pennsylvania

CRISPR and UK Biobank Analysis of an Enhancer That Modulates Fat and Alcohol Intake and Mood Suggests a Role in Male Alcohol Abuse and Anxiety

Mon 3:15 PM - 3:30 PM • Oral Presentation

Alasdair MacKenzie, None *Presenter*

University of Aberdeen

Dissecting Epigenomic Differences Between Smoking and Nicotine Dependence in U.S. Military Veterans

Mon 3:30 PM - 3:45 PM • Oral Presentation

Sheila Nagamatsu, Ph.D. *Presenter*

Yale School of Medicine

Oral Session: Functional Genomics*

Co-Chairs: Marcella Rietschel & Jonathan Mill

Mon 2:15 PM - 3:45 PM

Cell Type Specific Genetic Mapping of Gene Expression and Alternative Splicing During Human Neocortical Differentiation

Mon 2:15 PM - 2:30 PM • Oral Presentation

Nil Aygun, Ph.D. *Presenter*

UNC Chapel Hill

Identification of Functional Genetic Variants Mediating the Stress Response

Mon 2:30 PM - 2:45 PM • Oral Presentation

Signe Penner-Goeke, B.Sc. *Presenter*

Max Planck Institute of Psychiatry

Cell Type Specific Rna Editing and Implications in Large Psychiatric Cohorts

Mon 2:45 PM - 3 PM • Oral Presentation

Enrico Mossotto, Ph.D. *Presenter*

Icahn School of Medicine at Mount Sinai

Transcript Isoform Usage Differences Across Brain Tissues Relevant for Psychiatric Disorders

Mon 3 PM - 3:15 PM • Oral Presentation

Evi Hadjimichael, M.Sc. *Presenter*

Icahn School of Medicine at Mount Sinai

Genetic Regulation of Gene Expression in the Brain Throughout Adulthood and Aging

Mon 3:15 PM - 3:30 PM • Oral Presentation

Hannah Young, B.A. *Presenter*

Icahn School of Medicine at Mount Sinai

Genetic Regulation of Gene Co-Expression in the Dorsolateral Prefrontal Cortex

Mon 3:30 PM - 3:45 PM • Oral Presentation

Alanna Cote, B.A. *Presenter*

Pamela Sklar Division of Psychiatric Genomics, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

Oral Session: Animal & Cell Models & Technology*

Co-Chair: Henriette Raventós

Mon 2:15 PM - 3:45 PM

Neural Cell Heterogeneity in Purified Populations of Neurons and Oligodendrocytes: Implications for Post-Mortem Genomic Studies

Mon 2:15 PM - 2:30 PM • Oral Presentation

Jonathan Davies, Ph.D. *Presenter*

University of Exeter

Leveraging Host Genetic Variation to Investigate the Gut-Brain Axis in Heterogeneous Stock Rats

Mon 2:30 PM - 2:45 PM • Oral Presentation

Amelie Baud, Ph.D. *Presenter*

University of California San Diego

Seizure Susceptibility in a Mouse Model of CHD8 Haploinsufficiency

Mon 2:45 PM - 3 PM • Oral Presentation

Rebecca Muhle, M.D., Ph.D. *Presenter*

New York State Psychiatric Institute/Columbia University

Systems Genetic Analysis of Binge-Like Eating in a C57BL/6J X DBA/2J-F2 Cross in Mice Identifies Adipor2 and Plxnd1 as Positional and Functional Candidate Genes

Mon 3 PM - 3:15 PM • Oral Presentation

Camron Bryant, Ph.D. *Presenter*

Boston University School of Medicine

Single-Cell Isoform Identification and Cell-Type-Specific Usage in the Developing Human Brain

Mon 3:15 PM - 3:30 PM • Oral Presentation

Michael Gandal, M.D., Ph.D. *Presenter*

UCLA Semel Institute for Neuroscience & Human Behavior

Resolving the Exact Sequence Rearrangements of Large Neuropsychiatric Copy Number Variations at Single Base-Pair Resolution Using CRISPR-Catch Long-Read Sequencing (CCLR-Seq)

Mon 3:30 PM - 3:45 PM • Oral Presentation

Bo Zhou, Ph.D. *Presenter*

Stanford University School of Medicine

Oral Session: Schizophrenia A*

Co-Chair: Lynn DeLisi & Enrico Domenici

Mon 2:15 PM - 3:45 PM

SNP Fine-Mapping and Gene Prioritisation in the PGC3-Schizophrenia Study

Mon 2:15 PM - 2:30 PM • Oral Presentation

Antonio Pardiñas, Ph.D. *Presenter*

Cardiff University

Using Common Genetic Variation to Examine Phenotypic Expression and Risk Prediction in 22q11.2 Deletion Syndrome

Mon 2:30 PM - 2:45 PM • Oral Presentation

Ania Fiksinski, M.Sc. *Presenter*

University Medical Center Utrecht, University of Toronto, Canada

Determining Cell-Specificity of Schizophrenia Associated Dna Methylation Variation

Mon 2:45 PM - 3 PM • Oral Presentation

Eilis Hannon, Ph.D. *Presenter*

University of Exeter Medical School, University of Exeter

Somatic Copy Number Variation in Schizophrenia

Mon 3 PM - 3:15 PM • Oral Presentation

Eduardo Maury, B.S. *Presenter*

Bioinformatics & Integrative Genomics Program and Harvard-MIT MD-PhD Program, Harvard Medical School

NERD - A New Regulatory Layer to Capture Disease Perturbations for Genome Organization in Human Frontal Cortex

Mon 3:15 PM - 3:30 PM • Oral Presentation

Kiran Girdhar, Ph.D. *Presenter*

Icahn School of Medicine at Mount Sinai

Schizophrenia Risk From Locus-Specific Human Endogenous Retroviruses

Mon 3:30 PM - 3:45 PM • Oral Presentation

Rodrigo R R Duarte, B.Sc., M.Sc., Ph.D. *Presenter*

Division of Infectious Diseases, Weill Cornell Medicine, Cornell University, New York, NY, USA

Break

Join our virtual coffee break to chat with other attendees.

Mon 3:45 PM - 4 PM

IDEA Committee Plenary and Panel Discussion

Mon 4 PM - 5:45 PM

IDEA Committee Plenary

Mon 4 PM - 5:15 PM • Plenary

Benjamin Neale, Ph.D. *Chair*

Massachusetts General Hospital

Rohan Palmer, B.S., Ph.D. *Co-chair*

EMORY UNIVERSITY

Nancy Sey, B.S. *Presenter*

University of North Carolina at Chapel Hill

Promoting an Inclusive Science through Outreach

4:15 PM - 4:35 PM

Victoria Marshe, B.Sc. *Presenter*

University of Toronto

'Race' in Medical Research: Moving Beyond Categorization Toward the Spectrum of Genetic Variation

4:35 PM - 4:55 PM

Anil Ori, M.Sc. *Presenter*

Department of Psychiatry, University Medical Center Groningen

Navigating Institutional Oppression and the Search for Belonging in Academia - My Journey so Far.

4:55 PM - 5:15 PM

Virtual Round Table with the Global Diversity Committee Chair, Chunyu Liu

Join an informal discussion and network around topics of importance to the psychiatric genetics community!

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 5:45 PM - 6 PM

Virtual Round Table with the Incoming ISPG Secretary and Board Member, Naomi Wray on the topic of PRS

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 5:45 PM - 6 PM

Virtual Round Table with Eske Derks on the topic of Drug Repositioning

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Mon 5:45 PM - 6 PM

Concurrent Symposia Sessions*

Expand the arrows to the right to view the session titles and access the virtual symposia.

Mon 6 PM - 7:30 PM

Moving the Investigation of the Psychopathology Spectrum From Genetics to Multi-Omics

Mon 6 PM - 7:30 PM • Symposia

Renato Polimanti, Ph.D. *Chair*

Yale School of Medicine

6 PM - 6:10 PM

Eske Derks, B.Sc. *Co-chair*

QIMR Berghofer

Hae Kyung Im, Ph.D. *Presenter*

The University of Chicago

Biologically Informed Predicted Transcriptome Risk Scores Improve Robustness of Genetic Prediction

6:10 PM - 6:25 PM

Zachary Gerring, Ph.D. *Presenter*

QIMR Berghofer Medical Research Institute

Translating Gene Networks Into Treatments for Alzheimer's Disease

6:25 PM - 6:40 PM

Gita Pathak, Ph.D. *Presenter*

Yale School of Medicine

Tales of Telomere Nexus With Brain Morphology, Transcriptomics, Methylomics and Chromatin Profile

6:40 PM - 6:55 PM

Paola Giusti-Rodriguez, Ph.D. *Presenter*

UNC-Chapel Hill

Dissecting the Genetics of Psychiatric Disorders Using Hi-C and Complimentary Genomics Approaches

6:55 PM - 7:10 PM

Andrew McIntosh, M.D. *Discussant*

University of Edinburgh

7:10 PM - 7:30 PM

What Does the Message that Black Lives Matter Mean for Genetics Researchers? – a Panel Discussion

Mon 6 PM - 7:30 PM • Special Session

Thomas G. Schulze, M.D. *Chair*

University of Munich

David Curtis, FRCPsych, M.A., M.D., Ph.D. *Co-chair*

University College London

Margit Burmeister, Ph.D. *Presenter*

University of Michigan

In Genetics research, Do Black Lives matter?

Yves Moreau, Ph.D. *Presenter*

University of Leuven

What Does the Message that Black Lives Matter Mean for Genetics Researchers? – a Panel Discussion

Evaristus Nwulia, M.D., Prof. Dr. med *Presenter*

Howard University

What does the message that Black Lives Matter mean for genetic researchers?

Holly Peay, M.S., Ph.D. *Presenter*

RTI International

In Genetics research, Do Black Lives matter?

Sophie Richardson, Ph.D. *Presenter*

Human Rights Watch

In Genetics research, Do Black Lives matter?" – a Panel Discussion

Resilience Across Ontogeny and Phylogeny

Mon 6 PM - 7:30 PM • Symposia

Stephen Glatt, Ph.D. *Chair*

SUNY Upstate Medical University

6 PM - 6:10 PM

Karmel Choi, Ph.D. *Co-chair*

Harvard T.H. Chan School of Public Health, Massachusetts General Hospital

Thomas Rolland, Ph.D. *Presenter*

Institut Pasteur

Differences in the Genetic Background Contribute to Risk and Resilience to Autism

6:10 PM - 6:25 PM

Jiahui Hou, None *Presenter*

SUNY Upstate Medical University

"Silver Lining": A Polygenic Resilience Score for Alzheimer's Disease

6:25 PM - 6:40 PM

Scott Russo, Ph.D. *Presenter*

Icahn School of Medicine at Mount Sinai

Neuroimmune Mechanisms of Stress Susceptibility Versus Resilience

6:40 PM - 6:55 PM

Christina Sheerin, Ph.D. *Presenter*

Virginia Commonwealth University

Psychiatric Resilience and Alcohol Resistance: A Twin Study of Co-Heritability

6:55 PM - 7:10 PM

Jordan Smoller, M.D., Sc.D. *Discussant*

Harvard Medical School

7:10 PM - 7:30 PM

Virtual Poster Session I (Second Hour)

Mon 7:30 PM - 8:30 PM

Early Career Investigator Lounge: Expand Your Network and Get Career Advice from ISPG Board Members Hailiang Huang, Sarah Medland, and Jehannine Austin!

An early career investigator is an individual who is an undergraduate student, graduate student, medical student, post-doctoral student, or less than five years out of a doctoral program but people at all career stages are welcome to attend!

Mon 8:30 PM - 9:30 PM

TUESDAY, OCTOBER 20

Virtual Coffee Break

ISPG Encourages Collaboration: Jump into the Virtual Coffee Break Room anytime during the congress and start a discussion with other attendees! You never know who will be there!

Tue 6:30 AM - 10 PM

Illumina Sponsored Session: Polygenic Risk Scores, What is Needed for Future Clinical Use?

Dr. Karoline Kuchenbäcker, Associate Professor, University College London

Bjarni Vilhjalmsón, The National Centre for Register-based Research, Bioinformatics Research Centre, Aarhus University

Tue 6:45 AM - 7:45 AM

Speaker Ready Room & Help Desk

Tue 7 AM - 9:30 PM

Virtual Round Table with Niamh Mullins and Annabel Vreeker

At this round table you will meet Niamh Mullins and Annabel Vreeker. You will have the chance to ask whatever you always wanted to know about GWAS analyses and new/alternative phenotyping as they are experts in these fields. Both belong to the young generation of scientists who are shaping the future of bipolar genetic research. Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Tue 7:45 AM - 8 AM

Virtual Round Table with Andrew McIntosh on the topic of Depression/GWAS

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Tue 7:45 AM - 8 AM

Welcome and Plenary: *Polygenic Risk Score and Diseases* - David Hunter*

Chair: Cathryn Lewis

Tue 8 AM - 9:15 AM

Polygenic Risk Score and Diseases

Tue 8 AM - 9:15 AM • Plenary

David Hunter, D.Sc. *Chair*

University of Oxford

Virtual Round Table with Plenary Speaker, David Hunter

Join an informal discussion and network around topics of importance to the psychiatric genetics community!

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Tue 9:15 AM - 9:30 AM

Virtual Round Table with Gerome Breen on the topic of PRS

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Tue 9:15 AM - 9:30 AM

Oral Session: Endophenotypes*

Co-Chairs: Alessandro Serretti & Ole Andreassen

Tue 9:30 AM - 10:30 AM

Phenotypic and Genetic Associations between Childhood sleep, Mental health, and Brain Structure

Tue 9:30 AM - 9:45 AM • Oral Presentation

Leanna Hernandez, Ph.D. *Presenter*

University of California at Los Angeles

Large Scale Genome-Wide Association Study Reveals First Insights Into the Genetic Architecture of Creativity

Tue 9:45 AM - 10 AM • Oral Presentation

Veera Rajagopal, M.D., Ph.D. *Presenter*

Aarhus University

Large-Scale Exome Sequencing Identifies Novel Genes for Cognitive Function

Tue 10 AM - 10:15 AM • Oral Presentation

Chia-Yen Chen, Sc.D. *Presenter*

Biogen

Unraveling the Genetic Architecture of Suicide Attempt and Psychiatric Disorders

Tue 10:15 AM - 10:30 AM • Oral Presentation

Joeun Kang, B.A. *Presenter*

Vanderbilt University

Oral Session: Bipolar/Affective Disorder/Depression*

Co-Chairs: Claudia Pisanu & Andrew McIntosh

Tue 9:30 AM - 11 AM

Depression and Depression Treatment Accentuate an Individual's Genetic Risk of Obesity

Tue 9:30 AM - 9:45 AM • Oral Presentation

Francesco Casanova, Ph.D. *Presenter*

University of Exeter

Analysis of 50,000 Exome-Sequenced UK Biobank Subjects Fails to Identify Genes Influencing Probability of Psychiatric Referral

Tue 9:45 AM - 10 AM • Oral Presentation

David Curtis, FRCPsych, M.A., M.D., Ph.D. *Presenter*

University College London

Investigation of Potential Druggable Genes Shared Between Bipolar Disorder and Risk-Taking Propensity

Tue 10 AM - 10:15 AM • Oral Presentation

Claudia Pisanu, M.D. *Presenter*

University of Cagliari

Polygenic Risk Score Prediction of Treatment Response to Mood Stabilizers and Antidepressants for Bipolar Disorder

Tue 10:15 AM - 10:30 AM • Oral Presentation

Brandon Coombes, Ph.D. *Presenter*

Mayo Clinic

Assessment of Attempted and Completed Suicide in Bipolar Affective Disorder: A Combined Clinical and Genetic Approach

Tue 10:30 AM - 10:45 AM • Oral Presentation

Eric Monson, M.D., Ph.D. *Presenter*

University of Utah

Disentangling the Roles of Inflammation and Metabolic Dysregulation for Specific Depressive Symptoms: A Genetic Correlation and Two-Sample Mendelian Randomisation Study

Tue 10:45 AM - 11 AM • Oral Presentation

Nils Kappelmann, M.Sc. *Presenter*

Max-Planck Institute of Psychiatry

Oral Session: Biostatistics/Bioinformatics A*

Co-Chairs: Cathryn Lewis & Mirko Manchia

Tue 9:30 AM - 11:15 AM

Leveraging Individual-Level Genetic Data and GWAS Summary Statistics Increases Polygenic Prediction of Psychiatric Disorders and Other Complex Diseases

Tue 9:30 AM - 9:45 AM • Oral Presentation

Clara Albiñana, M.Sc. *Presenter*
National Center for Register-Based Research

LAVA: An Integrated Framework for Local Genetic Correlation Analysis

Tue 9:45 AM - 10 AM • Oral Presentation

Josefin Werme, M.Sc. *Presenter*
Centre for Neurogenomics and Cognitive Research, VU Amsterdam

Independent Sources of Genomic Effects on Brain Structure and Function: A Multivariate Pathway Enrichment Approach

Tue 10 AM - 10:15 AM • Oral Presentation

Sourena Soheili-Nezhad, M.D. *Presenter*
Donders Institute for Brain, Cognition, and Behaviour, Radboud University Medical Centre, Nijmegen, the Netherlands

Bayesian Method for Calculating Polygenic Risk Scores in Diverse Populations

Tue 10:15 AM - 10:30 AM • Oral Presentation

Clive Hoggart, Ph.D. *Presenter*
Mount Sinai

A Computational Pipeline to Identify Single-Cell-Driven Drug Repurposing Candidates

Tue 10:30 AM - 10:45 AM • Oral Presentation

Federica Mariotti, M.Sc. *Presenter*
university of trento

Evaluation of Polygenic Prediction Methodology Within a Reference-Standardized Framework

Tue 10:45 AM - 11 AM • Oral Presentation

Oliver Pain, Ph.D. *Presenter*
King's College London

Identifying Loci With Different Allele Frequencies Among Cases of Eight Psychiatric Disorders Using Cc-GWAS

Tue 11 AM - 11:15 AM • Oral Presentation

Wouter Peyrot, M.D., Ph.D. *Presenter*
Harvard T.H. Chan School of Public Health

Oral Session: Autism Spectrum Disorder*

Co-Chairs: Michael Owen & Franziska Degenhardt

Tue 9:30 AM - 11:15 AM

Restricted Diet Drives Autism-Gut Microbiota associations, Which are Weak Compared to Age, Dietary and

Stool Traits

Tue 9:30 AM - 9:45 AM • Oral Presentation

Chloe Yap, B.Sc. *Presenter*

University of Queensland

Polygenic Scores for Intelligence, Educational Attainment and Schizophrenia are Differentially Associated with Core Autism features, IQ, and Adaptive Behaviour in Autistic Individuals

Tue 9:45 AM - 10 AM • Oral Presentation

Varun Warriar, M.Sc. *Presenter*

University of Cambridge

The Burden of Rare Protein Truncating Variants in Autism and its Diagnostic Subtypes

Tue 10 AM - 10:15 AM • Oral Presentation

Jakob Grove, Ph.D. *Presenter*

Aarhus University

A Massively Parallel Reporter Assay to Investigate the Contribution of Noncoding Variation in Autism Spectrum Disorder

Tue 10:15 AM - 10:30 AM • Oral Presentation

Tomas Lagunas, B.A., B.S. *Presenter*

Washington University in Saint Louis

The Contribution of De Novo Tandem Repeat Mutations to Autism Spectrum Disorders

Tue 10:30 AM - 10:45 AM • Oral Presentation

Ileena Mitra, B.S. *Presenter*

University of California San Diego

Complex Contributions of De Novo Mutation, Rare-Inherited Variants and Polygenic Risk to Autism Spectrum Disorder

Tue 10:45 AM - 11 AM • Oral Presentation

Jonathan Sebat, Ph.D. *Presenter*

University of California, San Diego

The Return of Neurodevelopmental CNV results to National Centre for Mental Health Research Participants – Ethical Issues and Protocol Development

Tue 11 AM - 11:15 AM • Oral Presentation

Kimberley Kendall, BSc Hons MBBCh MRCPsych *Presenter*

MRC Centre for Neuropsychiatric Genetics and Genomics, Cardiff University

Early Career Investigator Lounge: Engage with the Global Diversity Committee

Chair, Chunyu Liu, and Sian Hemmings to Discuss Collaboration and Data Sharing Throughout the World!

An early career investigator is an individual who is an undergraduate student, graduate student, medical student, post-doctoral student, or less than five years out of a doctoral program but people at all career stages are welcome to attend!

Tue 11:30 AM - 12 PM

Virtual Poster Session II (First Hour)

Tue 12 PM - 1 PM

Plenary: *Artificial Intelligence and Applications in Psychiatry* - Dr. Andreas Meyer-Lindenberg*

Tue 1 PM - 2 PM

Artificial Intelligence and Applications in Psychiatry

Tue 1 PM - 2 PM • Plenary

Andreas Meyer-Lindenberg, Prof. Dr. med *Chair*

Central Institute of Mental Health / Medical Faculty Mannheim / Heidelberg University

Virtual Round Table with Plenary Speaker, Andreas Meyer-Lindenberg

Join an informal discussion and network around topics of importance to the psychiatric genetics community!

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Tue 2 PM - 2:15 PM

Virtual Round Table with ISPG Board Member, Benjamin Neale on the topic of Big Data

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Tue 2 PM - 2:15 PM

Concurrent Symposia Sessions*

Expand the arrows to the right to view the session titles and access the virtual symposia.

Tue 2:15 PM - 3:45 PM

Genomics of Severe Depression and Electroconvulsive Therapies

Tue 2:15 PM - 3:45 PM • Symposia

Bernhard Baune, Prof. Dr. med *Chair*

University of Adelaide

2:15 PM - 2:25 PM

Peter Zandi, M.P.H., M.Sc., Ph.D. *Co-chair*

Johns Hopkins University

Bernhard Baune, Prof. Dr. med *Presenter*

University of Adelaide

Genomics of Severe Depression and ECT: Scientific Rationale, Large Scale Standardised Assessment and Implementation of a World-Wide Effort

2:25 PM - 2:40 PM

Mikael Landen, M.D., Ph.D. *Presenter*

Gothenburg University

Genome-Wide Association Study of Patients With Severe Major Depressive Episode Treated With Electroconvulsive Therapy

2:40 PM - 2:55 PM

Alessandra Minelli, Ph.D. *Presenter*

University of Brescia

Molecular Biomarkers for Electroconvulsive Therapy Outcome: Present or Future?

2:55 PM - 3:10 PM

Alessio Squassina, Ph.D. *Presenter*

University of Cagliari

Leukocyte Telomere Length and Response to Electroconvulsive Therapy in Patients With Treatment-Resistant Major Depressive Disorder

3:10 PM - 3:25 PM

Patrick Sullivan, M.D. *Discussant*

University of North Carolina at Chapel Hill

3:25 PM - 3:45 PM

PsychENCODE Updates: Discovery of Functional Elements for Psychiatric GWAS Signals

Tue 2:15 PM - 3:45 PM • Symposia

Chunyu Liu, B.S., M.S., Ph.D. *Chair*

SUNY Upstate Medical University

2:15 PM - 2:25 PM

Dalila Pinto, Ph.D. *Co-chair*

Icahn School of Medicine at Mount Sinai

Brie Wamsley, Ph.D. *Presenter*

UCLA

Single Cell RNA and ATAC-Seq in ASD

2:25 PM - 2:40 PM

Dalila Pinto, Ph.D. *Presenter*

Icahn School of Medicine at Mount Sinai

The Transcriptional Landscape of Prefrontal Cortex and its Dysregulation in Psychiatric Disorders

2:40 PM - 2:55 PM

Chuan Jiao, M.S. *Presenter*

SUNY Upstate Medical University

Functional Elements in the First Trimester Human Brain Related to Psychiatric GWAS Signals

2:55 PM - 3:10 PM

Sophia Gaynor, Ph.D. *Presenter*

Tempus Labs, Inc.

STARR-seq Approaches for Validation of Enhancer Regions in Psychiatric Disease

3:10 PM - 3:25 PM

Daniel Geschwind, M.D., Ph.D. *Discussant*

UCLA School of Medicine

3:25 PM - 3:45 PM

Understanding the Biology of Posttraumatic Stress Disorder: Genome-Wide Association Studies, Phenotyping Strategies, Multivariate Gene-Environment Interactions, and Translational Research

Tue 2:15 PM - 3:45 PM • Symposia

Renato Polimanti, Ph.D. *Chair*

Yale School of Medicine

2:15 PM - 2:25 PM

Caroline Nievergelt, Ph.D. *Co-chair*

University of California, San Diego

Adam Maihofer, M.S. *Presenter*

University of California, San Diego

An Update on PGC-PTSD: More Samples, More Phenotypes, and More Findings

2:25 PM - 2:40 PM

Laura Huckins, Ph.D. *Presenter*

Icahn School of Medicine at Mount Sinai

Beyond Case-Control: Using Trauma Risk Scores to Characterize PTSD

2:40 PM - 2:55 PM

Frank Wendt, Ph.D. *Presenter*

Yale School of Medicine

Trauma and Posttraumatic Stress Interact With Sex-Specific Risk Loci for Suicidality and Converge on Brain Extracellular Matrix Biology and Synaptic Plasticity

2:55 PM - 3:10 PM

Andreas Jeromin, Ph.D. *Presenter*

Cohen Veterans Biosciences

From the Genome-Wide Association Study of Posttraumatic Stress Disorder to a Functional Interactome: Translating Genetics

3:10 PM - 3:25 PM

Murray Stein, M.D. *Discussant*

Departments of Psychiatry and of Family Medicine and Public Health, University of California San Diego Schhol of Medicine

3:25 PM - 3:45 PM

Virtual Round Table with Stephen V. Faraone on the topic of Childhood Onset

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Tue 3:45 PM - 4 PM

Virtual Round Table with Lifetime Achievement Award Winner, Lynn DeLisi

Join an informal discussion and offer congratulations to Dr. DeLisi!

Tue 3:45 PM - 4 PM

Virtual Round Table with Theodore Reich Young Investigator Award Winner, Michael Gandal

Join an informal discussion and offer congratulations to Dr. Gandal!

Tue 3:45 PM - 4 PM

PGC Update: Meaning and Mechanisms, Toward an Explanatory Theory for Polygenicity

Tue 4 PM - 5:30 PM

PGC Q&A

Tue 5:30 PM - 6 PM

Early Career Investigator Lounge: Expand Your Network and Get Career

Advice from ISPG Members Lea K. Davis, Jason Stein, and Daniel Mueller!

An early career investigator is an individual who is an undergraduate student, graduate student, medical student,

post-doctoral student, or less than five years out of a doctoral program but people at all career stages are welcome to attend!

Tue 6 PM - 7 PM

Virtual Round Table with ISPG Board Member, Sarah Medland on the topic of Imaging Genetics

Join an informal discussion and network around topics of importance to the psychiatric genetics community! Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Tue 7:15 PM - 7:30 PM

Oral Session: Biostatistics/Bioinformatics B*

Co-Chairs: Naomi Wray & Jordan Smoller

Tue 7:30 PM - 8:45 PM

Tractor: A Framework Allowing for Improved Inclusion of Admixed Individuals in Large-Scale Association Studies

Tue 7:30 PM - 7:45 PM • Oral Presentation

Elizabeth Atkinson, Ph.D. *Presenter*

Massachusetts General Hospital

Machine Learning Predictions Increase GWAS Power and Number of Discovered Genetic Loci Influencing Alcohol Consumption and Problems

Tue 7:45 PM - 8 PM • Oral Presentation

Amanda Gentry, Ph.D. *Presenter*

Virginia Commonwealth University

Gene Expression Imputation in Human Brain With Spatiotemporal Precision and Cell-Type Specificity and its Implications for 13 Brain-Associated Disorders or Traits

Tue 8 PM - 8:15 PM • Oral Presentation

Zhongming Zhao, D.Phil. *Presenter*

University of Texas Health Science Center at Houston

Investigating miRNA Binding Site Variants and Their Contribution to Psychiatric Disorders

Tue 8:15 PM - 8:30 PM • Oral Presentation

Michael Geaghan, B.S. *Presenter*

University of Newcastle

A Comprehensive Evaluation of Polygenic Score Methods Across Cohorts in Psychiatric Disorders

Tue 8:30 PM - 8:45 PM • Oral Presentation

Guiyan Ni, None *Presenter*

The University Of Queensland

Oral Session: Pharmacogenomics*

Co-Chairs: Anil Malhotra & Gwyneth Zai

Tue 7:30 PM - 8:45 PM

Polygenic Risk Scores for Body Mass Index and Schizophrenia are Associated With Antipsychotic-Induced Weight Gain in a Sample of Monotherapeutically Treated Schizophrenic Patients

Tue 7:30 PM - 7:45 PM • Oral Presentation

Richard Musil, M.D. *Presenter*

LMU Munich

Predicting Smoking Cessation Treatment Outcomes With Genetic Risk Scores and Biomarkers

Tue 7:45 PM - 8 PM • Oral Presentation

Li-Shiun Chen, M.D., M.P.H., Sc.D. *Presenter*

Washington University School of Medicine

Polygenic Risk Scores and Response to Antidepressants

Tue 8 PM - 8:15 PM • Oral Presentation

Enda Byrne, Ph.D. *Presenter*

University of Queensland

Assessing the Genetic Contribution of Drug Response Variability in Selective Serotonin Reuptake Inhibitors From 1,711,695 Purchases in the Finnish National Drug Registry

Tue 8:15 PM - 8:30 PM • Oral Presentation

Kumar Veerapen, Ph.D. *Presenter*

Analytic and Translational Genetics Unit, Massachusetts General Hospital, MA, USA; Stanley Center for Psychiatric Genetics, the Broad Institute of MIT and Harvard, MA, USA

The Relationship Between Comorbid Chronic Pain and Poorer Self-Reported Antidepressant Efficacy is Partly Mediated by Genetics

Tue 8:30 PM - 8:45 PM • Oral Presentation

Adrian Campos, B.Sc. *Presenter*

QIMR Berghofer

Oral Session: Depression*

Co-Chairs: James Potash & Tadafumi Kato

Tue 7:30 PM - 9 PM

Delineating the Genetic Component of Gene Expression in Major Depression

Tue 7:30 PM - 7:45 PM • Oral Presentation

Oliver Pain, Ph.D. *Presenter*

King's College London

Investigating the Shared Biomarkers between Coronary Artery Disease and Major Depressive Disorder

Tue 7:45 PM - 8 PM • Oral Presentation

Kritika Singh, B.A. *Presenter*

Vanderbilt Genetics Institute, Vanderbilt University Medical Center

Having Your Cake and Eating It too: Sample Recruitment for Genetic Studies of Depression

Tue 8 PM - 8:15 PM • Oral Presentation

Brittany Mitchell, M.Sc. *Presenter*

QIMR Berghofer Medical Research Institute

Convergent Findings from Genetic and Functional Studies Implicate a Vital Role of FZD6 in Depressive Symptoms

Tue 8:15 PM - 8:30 PM • Oral Presentation

Haijun Han, Ph.D. *Presenter*

State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, Collaborative Innovation Center for Diagnosis and Treatment of Infectious Diseases, The First Affiliated Hospital, Zhejiang University College of Medicine, Hangzhou, China

GWAS of Depression Phenotypes in the Million Veteran Program and Meta-Analysis in More Than 1.2 Million Participants

Tue 8:30 PM - 8:45 PM • Oral Presentation

Daniel Levey, Ph.D. *Presenter*

Yale University School of Medicine

Polygenic Risk Analysis of Affective Disorders in a Defined Community Shows Evidence of Polygenic Founder Effects

Tue 8:45 PM - 9 PM • Oral Presentation

Xiaotong Wang, B.Sc. *Presenter*

Institute for Molecular Biosciences, University of Queensland, Brisbane, Australia; Faculty of Medicine, University of Queensland, Brisbane, Australia

Oral Session: ELSI, Counseling & Genetic Testing/Heritability*

Co-Chairs: Francis McMahon & Eske Derks

Tue 7:30 PM - 9 PM

Deconstructing the Heritability of Self-Reported Trauma With Genomic Structural Equation Modelling

Tue 7:30 PM - 7:45 PM • Oral Presentation

Abigail ter Kuile, B.Sc., M.Sc. *Presenter*

King's College London

Identification of Possible Classifiers for Suicide Risk by Machine Learning in Concordant Brain-Blood Differentially Methylated Sites

Tue 7:45 PM - 8 PM • Oral Presentation

Brenda Cabrera, M.D. *Presenter*

National Institute of Genomic Medicine INMEGEN

How Accurate are People When Estimating Heritability of Mental Health Traits and Does it Matter? A Three Country Survey

Tue 8 PM - 8:15 PM • Oral Presentation

Jose Morosoli, B.Sc., M.Sc. *Presenter*

QIMR Berghofer Medical Research Institute

Estimating the Heritability of Gene Expression in the Human Prefrontal and Temporal Cortices

Tue 8:15 PM - 8:30 PM • Oral Presentation

Agathe de Pins, B.Sc. *Presenter*

Icahn School of Medicine at Mount Sinai

The Use of Online Testing to Assess Cognitive Differences in Healthy Individuals at High Genetic Risk of Alzheimer's Disease

Tue 8:30 PM - 8:45 PM • Oral Presentation

Michelle Lupton, Ph.D. *Presenter*

QIMR Berghofer Medical Research, Brisbane, Australia

Genetic and Environmental Influences on Sleep/Wake Behaviours in Adolescent Twins

Tue 8:45 PM - 9 PM • Oral Presentation

Victoria O'Callaghan, B.Sc. *Presenter*

The University Of Queensland

Virtual Poster Session II (Second Hour)

Tue 9 PM - 10 PM

WEDNESDAY, OCTOBER 21

Virtual Poster Session III (First Hour)

Wed 6:30 AM - 7:30 AM

Speaker Ready Room & Help Desk

Wed 6:30 AM - 4 PM

Virtual Coffee Break

ISPG Encourages Collaboration: Jump into the Virtual Coffee Break Room anytime during the congress and start a discussion with other attendees! You never know who will be there!

Wed 6:30 AM - 10 PM

Virtual Round Table with the Global Diversity Committee Co-Chair, Soraya

Seedat

Join an informal discussion and network around topics of importance to the psychiatric genetics community! Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Wed 7:30 AM - 7:45 AM

Break

Wed 7:45 AM - 8 AM

Concurrent Symposia Sessions*

Expand the arrows to the right to view the session titles and access the virtual symposia.

Wed 8 AM - 9:30 AM

Genetic Associations in Neural Stem Cell Populations to Understand Non-Coding Neuropsychiatric Disorder
Risk Loci

Wed 8 AM - 9:30 AM • Symposia

Jason Stein, Ph.D. *Chair*

University of North Carolina at Chapel Hill

8 AM - 8:10 AM

Kristen Brennand, Ph.D. *Co-chair*

Icahn School of Medicine at Mount Sinai

Daniel Gaffney, None *Presenter*

Wellcome Trust Sanger Institute

Population-Scale Single-Cell RNA-Seq Profiling Across Dopaminergic Neuron Differentiation

8:10 AM - 8:25 AM

Jubao Duan, D.Phil. *Presenter*

NorthShore University Health System/University of Chicago

Allele-Specific Open Chromatin in Human iPSC Neurons Informs Functional Noncoding Neuropsychiatric Disease Variants

8:25 AM - 8:40 AM

Jason Stein, Ph.D. *Presenter*

University of North Carolina at Chapel Hill

Cell-Type Specific Effects of Genetic Variation on Chromatin Accessibility During Human Neuronal Differentiation

8:40 AM - 8:55 AM

Kristen Brennand, Ph.D. *Presenter*

Icahn School of Medicine at Mount Sinai

Using Stem Cells to Explore the Genetics Underlying Neuropsychiatric Disease

8:55 AM - 9:10 AM

Donna Werling, Ph.D. *Discussant*

University of Wisconsin-Madison

9:10 AM - 9:30 AM

Role of Epigenetics in Mental Disorders and How to Study It

Wed 8 AM - 9:30 AM • Symposia

Anna Starnawska, M.Sc., Ph.D. *Chair*

Aarhus University

8 AM - 8:10 AM

Christine Hansen, M.Sc. *Co-chair*

Statens Serum Institut

Anna Starnawska, M.Sc., Ph.D. *Presenter*

Aarhus University

Integrative Genomic and Epigenomic Analysis of ADHD

8:10 AM - 8:25 AM

Emma Dempster, B.Sc., Ph.D. *Presenter*

University of Exeter

Mapping Cell-Type Specific Markers of Genomic Variation in Purified Nuclei Populations Isolated From the Human Cortex

8:25 AM - 8:40 AM

Eilis Hannon, Ph.D. *Presenter*

University of Exeter Medical School, University of Exeter

Overlap of Genetic Risk Variants for Psychiatric Disorders in Cell-Specific Regulatory Regions for Neural Cell Types

8:40 AM - 8:55 AM

Magdalena Janecka, Ph.D. *Presenter*

Icahn School of Medicine at Mount Sinai

Rare Epivariations in Neurodevelopmental Disorders

8:55 AM - 9:10 AM

Jonathan Mill, Ph.D. *Discussant*

University of Exeter

9:10 AM - 9:30 AM

Genome-Guided Drug Discovery in Psychiatry

Wed 8 AM - 9:30 AM • Symposia

Andreas Papassotiropoulos, Prof. *Chair*

University of Basel

8 AM - 8:10 AM

Elisabeth Binder, M.D., Ph.D. *Co-chair*

Max-Planck Institute of Psychiatry

Tetyana Zayats, M.D., Ph.D. *Presenter*

Analytic and Translational Unit, Massachusetts General Hospital, Boston, MA, USA

Pharmacogenetics of ADHD: Current Progress and Challenges.

8:10 AM - 8:25 AM

Anil Malhotra, M.D. *Presenter*

The Zucker Hillside Hospital

Genomic Strategies to Enhance Antipsychotic Drug Efficacy

8:25 AM - 8:40 AM

Andreas Papassotiropoulos, Prof. *Presenter*

University of Basel

Genome-Guided Drug Repurposing: Potassium Channel Blockade as a Mechanism for Targeting Cognitive Domains in Health and Mental Disease

8:40 AM - 8:55 AM

Alkomiet Hasan, M.D. *Presenter*

University of Augsburg

Spironolactone as Antagonist of the NRG1-ERBB4 Signaling Pathway to Treat Cognitive Deficits in Schizophrenia

8:55 AM - 9:10 AM

Dominique de Quervain, M.D. *Discussant*

University of Basel

9:10 AM - 9:30 AM

Studying Developmental Mechanisms in Neuropsychiatric Disorders: In Vitro and In Vivo Approaches

Wed 8 AM - 9:30 AM • Symposia

Andrew Pocklington, None *Chair*

Cardiff University

8 AM - 8:10 AM

Eunju Shin, Ph.D. *Co-chair*

Cardiff University

Andrew Pocklington, None *Presenter*

Cardiff University

DLG2 Knockout Reveals Neurogenic Transcriptional Programs Underlying Neuropsychiatric Disorders and Cognition

8:10 AM - 8:25 AM

Eunju Shin, Ph.D. *Presenter*

Cardiff University

Utilising a Protocol Optimised for PV+ Interneuron Production to Investigate the Role of Cortical Interneuron Development in Neuropsychiatric Disorders

8:25 AM - 8:40 AM

Silvia Velasco, Ph.D. *Presenter*

Harvard University

Understanding brain development and disease: From the embryo to brain organoids

8:40 AM - 8:55 AM

August Yue Huang, Ph.D. *Presenter*

Boston Children's Hospital

Parallel RNA and DNA Analysis After Deep-Sequencing (PRDD-Seq) Reveals Cell Type-Specific Lineage Patterns in Human Brain Development at Single-Cell Resolution

8:55 AM - 9:10 AM

Nick Bray, Ph.D. *Discussant*

Cardiff University School of Medicine

9:10 AM - 9:30 AM

Virtual Round Table with Jason Stein on the topic of Functional Genomics

Join an informal discussion and network around topics of importance to the psychiatric genetics community!

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Wed 9:30 AM - 9:45 AM

Virtual Round Table with ISPG Board Member, Margit Burmeister on the topic of Gene X Environment Interaction in Psychiatry and Addiction

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other

attendees.

Wed 9:30 AM - 9:45 AM

Welcome & Plenary: *From GWAS to Function: Bridging the Gap Between Genetics and Neuroscience* - Dr. Danielle Posthuma*

Wed 9:45 AM - 11 AM

From GWAS to Function: Bridging the Gap Between Genetics and Neuroscience

Wed 9:45 AM - 11 AM • Plenary

Danielle Posthuma, Ph.D. *Chair*

VU Amsterdam

Virtual Poster Session III (Second Hour)

Wed 11 AM - 12 PM

PGC General Meeting

Wed 12 PM - 1 PM

Oral Session: Eating/Anxiety/ADHD*

Co-Chair: Yoav Kohn & Barbara Franke

Wed 1 PM - 2:30 PM

Distinct Association Profiles between Polygenic Risk for Psychiatric Disorder and Social Skill Sets in the General Population

Wed 1 PM - 1:15 PM • Oral Presentation

Fenja Schlag, M.Sc. *Presenter*

Max Planck Institute for Psycholinguistics

A Genome-Wide Association Study of ADHD Based on Tens of Thousands of Danes

Wed 1:15 PM - 1:30 PM • Oral Presentation

Georgios Athanasiadis, Ph.D. *Presenter*

Sct. Hans Hospital

The Genetic Architecture of Clinical Heterogeneity in a Nationally Representative ADHD Cohort

Wed 1:30 PM - 1:45 PM • Oral Presentation

Sonja LaBianca, M.D. *Presenter*

Research Institute of Biological Psychiatry, Mental Health Centre Sct. Hans Hospital, Mental Health Services in Capital

Region of Denmark

Polygenic Risk and the Course of Attention-Deficit/hyperactivity Disorder from Childhood to Young adulthood:
Findings from a Nationally-Representative Cohort

Wed 1:45 PM - 2 PM • Oral Presentation

Jessica Agnew-Blais, Sc.D. *Presenter*

King's College London

First Genome-Wide Association Study from the Pgc Anxiety Disorders Working Group

Wed 2 PM - 2:15 PM • Oral Presentation

John Hettema, M.D., Ph.D. *Presenter*

Texas A&M University

Which Metabo-Psychiatric Factors Affect the Risk of Anorexia Nervosa? A Mendelian Randomization Study

Wed 2:15 PM - 2:30 PM • Oral Presentation

Ziada Ayorech, Ph.D. *Presenter*

Nic Waals Institute, Lovisenberg Diaconal Hospital

Oral Session: Epigenetics*

Co-Chairs: Alessio Squassina & Elisabeth Binder

Wed 1 PM - 2:30 PM

A Prospective Study of Time-Dependent Exposures to Adversity and DNA Methylation in Childhood and
Adolescence

Wed 1 PM - 1:15 PM • Oral Presentation

Alexandre Lussier, Ph.D. *Presenter*

Massachusetts General Hospital

Detection of Cell-Type Specific Imprinted Regulatory Elements Present During Human Neuronal
Differentiation

Wed 1:15 PM - 1:30 PM • Oral Presentation

Dan Liang, M.A. *Presenter*

University of North Carolina at Chapel Hill

DNA Methylation Signatures of Aggression and Closely Related Constructs: A Meta-Analysis of Epigenome-
Wide Studies Across the Lifespan

Wed 1:30 PM - 1:45 PM • Oral Presentation

Jenny van Dongen, Ph.D. *Presenter*

Vrije Universiteit Amsterdam

Does Prenatal Alcohol, Tobacco, and Caffeine Exposure Increase the Risk for Childhood Internalising

Problems? Two Large Multi-Cohort Epigenome-Wide Association Studies

Wed 1:45 PM - 2 PM • Oral Presentation

Laura Schellhas, M.Sc. *Presenter*

University of Bristol

Epigenome-Wide Association Study of Childhood Traits and Adult Mental Health

Wed 2 PM - 2:15 PM • Oral Presentation

David Howard, Ph.D. *Presenter*

King's College London

Early-Life Stress Induced Stable DNA Methylation Changes of the FKBP5 Locus

Wed 2:15 PM - 2:30 PM • Oral Presentation

Jade Martins, Ph.D. *Presenter*

Max-Planck-Institute of Psychiatry

Oral Session: Schizophrenia B*

Co-Chairs: Sarah Bergen & Clement Zai

Wed 1 PM - 2:30 PM

Schizophrenia, Autism Spectrum Disorders and Developmental Disorders Share Specific Disruptive Coding Mutations

Wed 1 PM - 1:15 PM • Oral Presentation

Elliott Rees, Ph.D. *Presenter*

Cardiff University

Genetic Influences on Disturbed Sleep and Subjective Health in Psychosis

Wed 1:15 PM - 1:30 PM • Oral Presentation

Tiina Paunio, M.D., Ph.D. *Presenter*

University of Helsinki

The Relationship Between Schizophrenia and Schizoaffective Disorder Depressed-Type: Analysis of Genetic Liability and Lifetime Clinical Characteristics

Wed 1:30 PM - 1:45 PM • Oral Presentation

Charlotte Dennison, B.Sc. *Presenter*

Cardiff University

Joint Analysis of Rare Variants of Schizophrenia and Autism Spectrum Disorders, and Functional-Genomic Gene-Sets Provides Insights Into the Genomic Architecture of the Two Disorders

Wed 1:45 PM - 2 PM • Oral Presentation

Tan-Hoang Nguyen, None *Presenter*

Virginia Commonwealth University

Age of Psychosis Onset: Is It the Path From Polygenic Risk to Treatment Resistance?

Wed 2 PM - 2:15 PM • Oral Presentation

Sophie Smart, Ph.D. *Presenter*

Cardiff University

Clinical Value of Diagnostic Whole Genome Sequencing in Schizophrenia and Psychotic Disorders

Wed 2:15 PM - 2:30 PM • Oral Presentation

Anna Alkelai, Ph.D. *Presenter*

Institute for Genomic Medicine, Columbia University Medical School, Columbia University Medical Center, New York, NY, USA

Virtual Round Table with Plenary Speaker, Danielle Posthuma

Join an informal discussion and network around topics of importance to the psychiatric genetics community!

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Wed 2:30 PM - 2:45 PM

Virtual Round Table with James Knowles on Functional Genomics

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

Wed 2:30 PM - 2:45 PM

Closing Plenary: *Building the Human Neocortex: Molecular Logic of Neural Circuit Formation and Evolution* - Dr. Nenad Sestan*

Chair: Barbara Franke

Wed 2:45 PM - 3:45 PM

Building the Human Neocortex: Molecular Logic of Neural Circuit Formation and Evolution

Wed 2:45 PM - 3:45 PM • Plenary

Nenad Sestan, Ph.D. *Chair*

Yale School of Medicine

Virtual Round Table with Plenary Speaker, Nenad Sestan

Join an informal discussion and network around topics of importance to the psychiatric genetics community!

Attendance is limited. If you are unable to get into the session please join our virtual coffee break to chat with other attendees.

attendees.

Wed 3:45 PM - 4 PM

Virtual Round Table with Gershon Paper of the Year Award Winner, Niamh Mullins

Join an informal discussion and offer congratulations to Dr. Mullins!

Wed 3:45 PM - 4 PM

Virtual Round Table with the Richard Todd Award Winner, Leanna Hernandez

Join an informal discussion and offer congratulations to Dr. Hernandez!

Wed 3:45 PM - 4 PM

ISPG Awardee Presentations & Closing*

Wed 4 PM - 6 PM

Barriers Overcome: A Personal Perspective on the Years Past and Path Ahead for Psychiatric Genetics

Wed 4 PM - 6 PM • ISPG Awardee

Lynn DeLisi, M.D. *Chair*

Harvard Medical School

Brain Gene Networks Link Complement Signaling with Convergent Synaptic Pathology in Schizophrenia

Wed 4 PM - 6 PM • ISPG Awardee

Michael Gandal, M.D., Ph.D. *Chair*

UCLA Semel Institute for Neuroscience & Human Behavior

Schizophrenia Genetics: What Have We Been Doing, What Have We Found, and is It of Any Use

Wed 4 PM - 6 PM • ISPG Awardee

Michael O'Donovan, FRCPsych, Ph.D. *Chair*

Cardiff University School of Medicine, Cardiff

THURSDAY, OCTOBER 22

PGC: Risk in Relatives, Heritability and Genetic Correlation - Naomi Wray

Recording

Thu 0:01 AM - 0:15 AM

PGC: The Concert for Hope and Heart

Recording - Rick Josiassen, "It's a house concert from Philadelphia for all the conference registrants with some of Philadelphia's great jazz and world musicians. We decided to pull together some songs with a message of struggle and hope and titled it "The Concert for Hope and Heart" We hope you'll enjoy it."

Thu 0:01 AM - 0:45 AM

PGC: Pat Sullivan-PGC 4 AIMS

Recording

Thu 0:01 AM - 1:30 AM

PGC: What is a genome-wide association study? - Till Andlauer

Recording

Thu 0:15 AM - 0:30 AM

PGC: Major Depressive Disorder: Introduction and General Epidemiology - Kimberley Kendall / Eva Schulte / Till Andlauer / Jurjen J Luykx / Karmel Choi / Evelien Van Assche

Recording

Thu 0:30 AM - 0:45 AM

PGC: Genetic architecture of schizophrenia - Kaarina Kowalec, Niran Okewole, Sophie Legge, Marcos Santoro, Sathish Periyasamy

Recording

Thu 0:45 AM - 1 AM

PGC: The Importance of Diversity: Under Represented Populations in Psychiatric Genetics Research - Humberto Nicolini

Recording

Thu 1 AM - 1:15 AM

PGC: Genetic contributions to anxiety disorders: Where we are and where we

are heading - Helga Ask, Rosa Cheesman, Daniel Levey, Kirstin Purves, Heike Weber

Recording

Thu 1 AM - 1:15 AM

PGC: BD Updates

Live

Thu 1 AM - 2:30 AM

PGC: Risk in Relatives, Heritability and Genetic Correlation - Naomi Wray

Recording

Thu 1:15 AM - 1:30 AM

PGC: Genetics of Obsessive-Compulsive Disorder: What we Know in 2020 -

Christie Burton

Recording

Thu 1:30 AM - 1:45 AM

PGC: Updates from the PGC-PTSD Working Group

Recording

Thu 1:30 AM - 2:30 AM

PGC: PI of the PGC IC-MAGIC - Biju Viswanath

Recorded

Thu 1:45 AM - 2 AM

PGC: Shared Genetic Architecture across Psychiatric Disorders - Andrew

Grotzinger

Recorded

Thu 2 AM - 2:15 AM

PGC: ECR Review Article SUD - Deak Johnson

Recorded

Thu 2 AM - 2:15 AM

PGC: PGC-PTSD review article - Frank Wendt

Recorded

Thu 2:15 AM - 2:30 AM

PGC: ECR Review Article ED

Recorded

Thu 2:30 AM - 2:45 AM

PGC: Introduction to the PGC - ADHD Working Group

Recording

Thu 2:30 AM - 3 AM

PGC: GDPR for Dummies - A survival guide for genetics research - Heidi Beate Bentzen

Recorded

Thu 2:30 AM - 3:30 AM

PGC: Neuropsychiatric Genetics of Psychosis in the Mexican Population (NeuroMex) - Alejandra Rodriguez

Recording

Thu 2:45 AM - 3 AM

PGC: Updates from the PGC-CNV working group - Marieke Klein

Recorded

Thu 3 AM - 3:15 AM

PGC: ADHD Working Group Meeting - Subgroup Updates

Recording

Thu 3 AM - 3:30 AM

PGC: NIMH - Tara Dutka, Geetha Senthil

Recorded

Thu 3 AM - 3:30 AM

PGC - ADHD Working Group Meeting - Updates on the Science and Discussion

Live

Thu 3:30 AM - 4 AM

PGC: Virtual coffee hour with Cathryn Lewis from the PGC MDD working group

Live - Professor Lewis is co-Chair of the MDD working group of the PGC. She leads a large research group in statistical genetics and is head of department at the Social, Genetic and Developmental Psychiatry Centre, King's College London. She is happy to discuss MDD, working with the PGC MDD group, statistics, and any early career researcher issues. Or just drop in to say hello.

Thu 4 AM - 4:30 AM

PGC: Spotlight Talks - Myrna Weissman - 30 Years of Studying Families at Risk for Depression

Recorded

Thu 4 AM - 5 AM

PGC: Spotlight Talks - Ken Kendler - History of Psychiatric Genetics

Recorded

Thu 4 AM - 5 AM

PGC: Spotlight Talks - Robin Murray - Genes for schizophrenia need to lead to deviant neurodevelopment and/or dopamine dysregulation in the striatum

Recorded

Thu 4 AM - 5 AM

PGC: Heritability and Risk - Naomi Wray

Recording

Thu 4:15 AM - 4:30 AM

PGC: What is GWAS/PRS - Till Andlauer

Recording

Thu 4:30 AM - 4:45 AM

PGC: ECR Review Article MDD

Recording

Thu 4:45 AM - 5:30 AM

PGC: Update on Science-ANX-Jack Hettema

Recorded

Thu 5 AM - 5:15 AM

PGC: Virtual coffee hour with Manuel Mattheisen from the PGC TS/OCD working group

Live - Dr. Mattheisen is co-chair of the TS/OCD Working group in the PGC and PI on a large scale Danish population-based cohort to study the risk architecture of OCD. Join his coffee hour to chat with him about the PGC TS/OCD working group and opportunities to get involved in their work. You could also just drop in and have a cup of tea together.

Thu 5 AM - 5:30 AM

PGC: PGC Data Intake and Access - Lea K. Davis

Recorded

Thu 5 AM - 5:30 AM

PGC: Virtual coffee hour with Gerome Breen from the PGC Eating Disorders working group

Live - Professor Breen is a PGC PI and member of several PGC workgroups. He co-leads the PGC Eating Disorders group. His research focuses on genomics and bioinformatics of psychiatric and neurological disorders, including pathway analyses and how to translate genomic findings. Prof Breen also leads national biobanking efforts for psychiatric disorders in the UK. He is happy to chat about joining the PGC, being a first generation academic or science in general.

Thu 5 AM - 6 AM

PGC: Why Outreach is important - Danielle Dick, Cynthia Bulik, Howard

Edenberg

Recorded

Thu 5:15 AM - 5:20 AM

PGC: How to Join PGC-Eating Disorders - Cynthia Bulik & Laura Thornton

Recorded

Thu 5:20 AM - 5:30 AM

PGC: ECR Review Article SCZ

Recording

Thu 5:30 AM - 5:45 AM

PGC: Global Study of Eating Disorder Genetics- Cynthia Bulik

Recorded

Thu 5:30 AM - 5:45 AM

PGC: Next steps in anxiety genomics - Thalia Eley

Recorded

Thu 5:45 AM - 5:50 AM

PGC: ECR Review Article ANX

Recording

Thu 5:45 AM - 6 AM

PGC: Is Genetic Testing Useful in Psychiatric Clinical Practice? - Chiara Fabbri

Recorded

Thu 5:50 AM - 5:55 AM

PGC: What is Mendelian Randomization? - Rebecca Lawn

Recorded

Thu 5:55 AM - 6 AM

PGC Github Organization and Reproducible Science - Mark Adams

Recorded

Thu 6 AM - 6:05 AM

PGC: Danielle Dick: Genetic Risk for Developing an Alcohol Use Disorder

Recorded

Thu 6 AM - 6:05 AM

PGC: ECR Review Article OCD

Recording

Thu 6 AM - 6:15 AM

PGC: Incorporating diverse populations in psychiatric genetics research -

Karestan Koenen, Alicia Martin, Bizu Gelaye, Rocky Stroud, Elizabeth

Atkinson, Lerato Majara, Emmanuel Mwesiga,

Recorded

Thu 6 AM - 6:30 AM

PGC: PTSD

Recording

Thu 6 AM - 7 AM

PGC: Integrative Analysis of Autism and Comparisons to Developmental

Delay from 160,000 Individuals - Jack Fu

Recorded

Thu 6:05 AM - 6:15 AM

PGC: Lea Zillich & Lea Sirignano: Understanding Stigma in Psychiatric and

Substance Use Disorders

Recorded

Thu 6:05 AM - 6:15 AM

PGC: Predicting the Likelihood of Future Psychiatric Disorders: Cautions -

Howard Edenberg

Recorded

Thu 6:15 AM - 6:20 AM

PGC: Jehannine Austin & Danielle Dick: Breaking Down Genetic & Environmental Influences of Mental Health & Substance Use Issues

Recorded

Thu 6:15 AM - 6:20 AM

PGC: PI of the PGC IC-MAGIC

Recording

Thu 6:15 AM - 6:30 AM

PGC: ECR Review Article CD

Recording

Thu 6:15 AM - 6:30 AM

PGC: Small Effect Sizes- Howard Edenberg

Recorded

Thu 6:20 AM - 6:25 AM

PGC: ECR Review Article BIP

Recording

Thu 6:30 AM - 6:45 AM

PGC: Working with 23andMe-Andrew McIntosh

Recording

Thu 6:30 AM - 7 AM

Virtual Coffee Break

ISPG Encourages Collaboration: Jump into the Virtual Coffee Break Room anytime during the congress and start a discussion with other attendees! You never know who will be there!

Thu 6:30 AM - 10 PM

PGC: ECR Review Article TS

Recording

Thu 6:45 AM - 7 AM

PGC: ECR Review Article ADHD

Recording

Thu 7 AM - 7:15 AM

PGC: Cup of tea with Thalia Eley from PGC ANX

Live - Professor Eley is co-Chair of the ANX working group of the PGC. She leads a large research group exploring the genetics of the development and treatment of anxiety and depression. She is Deputy Head of Department at the Social, Genetic and Developmental Psychiatry Centre, King's College London. She is happy to discuss ANX, working with the PGC ANX group, early career researcher issues and anyone wanting to chat about promoting diversity in academia. Or just make a cup of tea and come say hi!

Thu 7 AM - 7:30 AM

The Concert for Hope and Heart

Rick Josiassen, "It's a house concert from Philadelphia for all the conference registrants with some of Philadelphia's great jazz and world musicians. We decided to pull together some songs with a message of struggle and hope and titled it "The Concert for Hope and Heart" We hope you'll enjoy it."

Thu 7 AM - 7:45 AM

PGC: Childhood Psychopathology Moving to Adulthood - Christel Middeldorp

Recording & Live Q&A

Thu 7 AM - 8 AM

PGC: Update on Science-TS/OCD

Recording & Live Q&A

Thu 7 AM - 8:30 AM

PGC: ECR Review Article SUD

Recording

Thu 7:15 AM - 7:30 AM

PGC: ECR Review Article PTSD

Recording

Thu 7:30 AM - 7:45 AM

PGC: Cross Disorder Analysis of CNV

Recording

Thu 7:45 AM - 8 AM

PGC: ECR Review Article ED

Recording

Thu 7:45 AM - 8 AM

PGC: Neuropsychiatric Genetics of Psychosis in the Mexican Population (NeuroMex) - Alejandra Rodriguez

Recording

Thu 7:45 AM - 8 AM

PGC: ECR Review Article AUT

Recording

Thu 8 AM - 8:15 AM

PGC: Spotlight Talks - Myrna Weissman

Recording

Thu 8 AM - 9 AM

PGC: Spotlight Talks - Ken Kendler

Recording

Thu 8 AM - 9 AM

PGC: Spotlight Talks - Robin Murray

Recording

Thu 8 AM - 9 AM

PGC: Update on Science-ANX-Jack Hettema

Recording

Thu 8:15 AM - 8:30 AM

PGC: Why Outreach is important & How to join PGC-ED

Recording

Thu 8:15 AM - 8:30 AM

PGC: Global study of eating disorder genetics (EDGI) - Cynthia Bulik

Recording

Thu 8:30 AM - 8:45 AM

PGC: Next steps in anxiety genomics, Genetic Testing in Psychiatry, What is Mendelian Random

Recording

Thu 8:30 AM - 8:45 AM

PGC: Intro to MDD - Andrew McIntosh

Recording

Thu 8:45 AM - 9 AM

PGC: The Importance of Diversity

Recording

Thu 8:45 AM - 9 AM

PGC: Diversity (PTSD)

Recording

Thu 9 AM - 9:30 AM

PGC: DAC Updates - Lea K. Davis

Recording

Thu 9 AM - 9:30 AM

PGC: Ask Me Anything with Karestan Koenen

Live - Dr. Koenen is co-founder and leader of the PGC - PTSD working group and also a PI and co-founder of the Neuropsychiatric Genetics in Africa Populations Study which is the largest human genetic study ever conducted on

the African continent. She is also an advocate for women, BIPOC, and underrepresented groups in STEM. She is happy to talk about anything from career development and developing collaborations to how to get more involved in PGC.

Thu 9 AM - 9:45 AM

PGC: CDG - Jordan Smoller

Live

Thu 9 AM - 10 AM

PGC: Virtual coffee hour with Jürgen Deckert from the PGC Anx working group

Live - Jürgen Deckert is cospeaker of the PGC Anx Group. He is chair of psychiatry at Würzburg University, Germany with a genetic background in Human Genetics from a 2-year rotation at Bonn. His research approach on anxiety disorders over the years has covered the range from animal models, genetics, imaging, proof-of-principle therapy studies to efficacy studies in interdisciplinary networks such as the CRC TR 58 and several psychotherapy consortia.

Thu 9 AM - 10 AM

PGC: Pat Sullivan-PGC 4 AIMS

Recording

Thu 9 AM - 10:30 AM

PGC - GitHub Organization - Mark Adams

Recording

Thu 9:30 AM - 10 AM

PGC: Integrative Analysis of Autism and Comparisons to Developmental Delay from 160,000 Individuals - Jack Fu

Recording

Thu 9:45 AM - 10 AM

PGC: MDD Working Group

Live

Thu 10 AM - 11 AM

PGC: ASD Group

Live

Thu 10 AM - 11:30 AM

PGC: Danielle Dick: Who is at risk, Lea Sillich and Lea Sirignano: understanding stigma, Jehannine Austin: Breaking Down Genetic

Recording

Thu 10:30 AM - 10:45 AM

PGC: SZ Working group of PGC

Live

Thu 10:30 AM - 12 PM

PGC: Virtual Coffee with Hailiang Huang from the PGC cross-ancestry special interest group

Live - Dr. Huang is a co-chair of the PGC cross-ancestry special interest group. He is interested developing novel statistical genetics approaches and applying them to complex diseases to solve emergent problems in human genetics, including the challenges arising from including the diverse ancestral populations in genetic analyses.

Thu 11 AM - 11:30 AM

PGC: Virtual Coffee hour with Laura Huckins

Live - Dr. Huckins is a PGC-PI, and an active member of the PGC-ED and PTSD working groups. She leads a research group at the Icahn School of Medicine, New York, which focuses on analytical genomics in vulnerable populations. She's also an advocate for women and LGBTQIA folx in STEM. Stop by for a cup of coffee and a chat about the PGC, early career issues and being a new PI, or advice & support on being out in STEM.

Thu 11 AM - 11:30 AM

PGC: Virtual coffee hour with Elise Robinson from the PGC ASD working group

Live - Elise co-chairs the PGC-ASD working group and is a faculty member at the Harvard School of Public Health and the Stanley Center for Psychiatric Research at the Broad Institute. This session will be focused on career development and opportunities in psychiatric genetics.

Thu 11 AM - 11:45 AM

PGC: SUD Edenberg/Agrawal/Gelernter

Recording & Live Q&A

Thu 11 AM - 12 PM

PGC: Workgroup Meetings-PTSD

Live

Thu 11 AM - 12:30 PM

PGC: BD updates

Live

Thu 11:30 AM - 1 PM

PGC: NIMH

Recording & Live Q&A

Thu 12 PM - 1 PM

PGC: Virtual coffee hour with Lea Davis from PGC cross disorder workgroups and DAC

Live - Dr. Davis is a PGC co-PI and member of multiple PGC workgroups. She co-chairs the Data Access Committee and the Data Receiving Committee. Dr. Davis's research employs genomic and phenomic approaches to the genetic analysis of electronic health records for the purpose of advancing psychiatric genetics and mental health research. She is also passionate about ethics and is the incoming chair of the ISPG Ethics Committee. Drop in for a chat about navigating your work in the PGC, EHR-based genomics, career development, discussions on using psychiatric genetics to destigmatize mental health, or anything else on your mind!

Thu 12 PM - 1 PM

PGC: Introduction to the PGC - ADHD Working Group

Recording

Thu 12:30 PM - 1 PM

PGC: ADHD Working Group Meeting - Subgroup Updates

Recording

Thu 1 PM - 1:30 PM

PGC: Whatever your tippie chat with James Walters, PGC SCZ Group

Live - James is a Clinical Professor of Psychiatry and Director of the MRC Centre for Neuropsychiatric Genetics and Genomics in Cardiff University, UK. He is co-chair of the Schizophrenia Working Group of the PGC with Professor Mick O'Donovan. He is happy to chat about anything and particularly interested in supporting early-career researchers and international collaborations to attract diverse and talented people to work in the wonderful world of psychosis and schizophrenia genetics

Thu 1 PM - 1:30 PM

PGC: Heidi Bentzen-GDPR talk Psychiatric Genetics Conference

Recording

Thu 1 PM - 2 PM

PGC: Cross Population Special Interest Group

Live

Thu 1 PM - 2 PM

PGC: Developing Pharmacogenetics in Psychiatry

Recording & Live Q&A

Thu 1 PM - 2:30 PM

PGC - ADHD Working Group Meeting - Updates on the Science and Discussion

Live

Thu 1:30 PM - 2 PM

PGC: Anxiety Disorders: phenotypes, dimensions, animal models, imaging

Recording

Thu 2 PM - 2:30 PM

PGC: Virtual Coffee with Cindy Bulik, Danielle Dick, and members of the PGC Outreach committee

Live - Dr. Dick is current co-chair and Bulik is the founding chair of the PGC Outreach committee. Join them to chat informally about creative ways to disseminate your science and increase the impact of your research.

Thu 2 PM - 2:30 PM

PGC: Methods for cross-ancestry analysis

Live

Thu 2:30 PM - 3 PM

PGC: Virtual Coffee with Jack Hettema from the PGC-ANX Working Group

Live - Jack Hettema is Professor of Psychiatry at Texas A&M University. He specializes in the genetics of anxiety and related disorders. As co-chair of PGC-ANX, Jack would love to hear from any researchers with anxiety-phenotyped and genotyped samples who have interest in collaborating with us.

Thu 2:30 PM - 3 PM

PGC: LatinX Consortium

Live

Thu 2:30 PM - 4 PM

PGC: Update on Science-TS/OCD

Recording & Live Q&A

Thu 2:30 PM - 4 PM

PGC: Outreach working group updates

Live

Thu 3 PM - 3:30 PM

PGC: Virtual Coffee hour with Laura Huckins

Live - Dr. Huckins is a PGC-PI, and an active member of the PGC-ED and PTSD working groups. She leads a research group at the Icahn School of Medicine, New York, which focuses on analytical genomics in vulnerable populations. She's also an advocate for women and LGBTQIA folx in STEM. Stop by for a cup of coffee and a chat about the PGC, early career issues and being a new PI, or advice & support on being out in STEM.

Thu 3 PM - 3:30 PM

PGC: Anti-depressant response group meeting - Cathryn Lewis

Live

Thu 3 PM - 4 PM

PGC: Virtual coffee hour with Cindy Bulik from the PGC Eating Disorders working group and Laura Thornton from EDGI

Live - Dr. Bulik is the founder and co-chair of the PGC-ED. Dr. Thornton is the Deputy Director of the Eating Disorders Genetics Initiative (EDGI). They will be available to discuss procedures for joining the group as well as information related to the Eating Disorders Genetics Initiative.

Thu 3 PM - 4 PM

PGC: Caution in Genetic Prediction Howard Edenberg

Recording

Thu 3:30 PM - 3:45 PM

PTSD CNV

Recording

Thu 3:45 PM - 4 PM

ISPG 2020 Society Update and Beyond

Thu 4 PM - 5:30 PM

PGC: Virtual Coffee with Naomi Wray from PGC StatGen

Live - Dr. Wray and the StatGen group help to ensure that the latest methods are applied to our PGC psychiatric disorder data sets. Join me for a chat about methods.

Thu 6 PM - 6:30 PM

PGC: ECR Review Article MDD

Recording

Thu 6 PM - 6:45 PM

PGC: Pat Sullivan-PGC 4 AIMS

Recording

Thu 6 PM - 7:30 PM

PGC: ECR Review Article ANX

Recording

Thu 6:45 PM - 7 PM

PGC: ECR Review Article OCD

Recording

Thu 7 PM - 7:15 PM

PGC: ECR Review Article CD

Recording

Thu 7:15 PM - 7:30 PM

PGC: ECR Review Article BIP

Recording

Thu 7:30 PM - 7:45 PM

PGC: ECR Review Article TS

Recording

Thu 7:45 PM - 8 PM

PGC: ECR Review Article ADHD

Recording

Thu 8 PM - 8:15 PM

PGC: ECR Review Article SUD

Recording

Thu 8:15 PM - 8:30 PM

PGC: ECR Review Article PTSD

Recording

Thu 8:30 PM - 8:45 PM

PGC: ECR Review Article ED

Recording

Thu 8:45 PM - 9 PM

PGC: ECR Review Article AUT

Recording

Thu 9 PM - 9:15 PM