



*2015 Annual Meeting of the International College of Geriatric Psychoneuropharmacology*

**“From Genes to Stem Cells to Circuits:**

**Translational Approaches to Informing Geriatric Mental Health Treatment”**

**PRELIMINARY PROGRAM**

**10/7/2015 – 10/10/2015**

**Stanford Arrillaga Fisher Center, Stanford University, Palo Alto, CA**

**[www.icgp.org](http://www.icgp.org)**

*Program Co-Chairs*

*Ruth O’Hara, PhD (Stanford University, USA)*

*Breno S. Diniz, MD, PhD (Federal University of Minas Gerais, Brazil)*



**10/7/2015 – Junior Investigator Training Day, Stanford University Clark Center, Room 362**

Noon to 12:15	<b>Introduction and Welcome to ICGP and Stanford University / Palo Alto</b> <i>Shawn McClintock, PhD, MSCS (Duke University School of Medicine), and Sara Weisenbach, PhD (University of Utah, USA)</i>
12:15-1:15pm	<b>Get to know your ICGP Mentor and Mentee Over Lunch</b> <i>Junior Investigator Awardees and ICGP Faculty (by invitation)</i>
1:15-1:30	<b>Scientific Autobiography – I</b> <i>Speaker: Gwenn Smith, PhD (John Hopkins University, USA)</i>
1:30-2:30	<b>Grant Strategies from Inside the NIMH</b> <i>Speaker: Jovier Evans, PhD (National Institute of Mental Health, USA)</i>
2:30-2:45	<b>Scientific Autobiography – II</b> <i>Scott Mackin, PhD (University of California San Francisco, USA)</i>
2:45-3:00	Break
3:00-3:20	<b>Publishing as a Junior Investigator</b> <i>Amit Etkin, MD, PhD (Stanford University, USA)</i>
3:20-5:00	<b>Career Development Presentations of the Junior Investigator Awardees</b>
5:00-5:20	<b>The New National Institutes of Health Biosketch 101: Strategies and Tips</b> <i>Speaker: Ruth O’Hara, PhD and Joachim Hallmayer, MD (Stanford University, USA)</i>
5:20-5:45	<b>Questions and Answers</b> <i>Shawn McClintock, PhD, MSCS (Duke University School of Medicine), and Sara Weisenbach, PhD (University of Utah, USA)</i>

<p><b><u>Co-Chairs</u></b> Shawn M. McClintock, PhD, MSCS Sara Weisenbach, PhD</p>	<p><b><u>Faculty</u></b> Amit Etkin, MD, PhD Jovier Evans, PhD Joachim Hallmayer, MD Ruth O’Hara, PhD Scott Mackin, PhD Gwenn Smith, PhD</p>	<p><b><u>Location</u></b> Clark Center, Stanford University School of Medicine</p>
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**10/8/2015 Stanford Arrillaga Fisher Center**

	<b>Room A</b>	<b>Room B</b>
8:00h – 8:30h	<b>Introduction and Welcome: Dr. Laura Roberts, Chair, Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine; ICGP President: Dr. Angel Morinigo (University of Sevilla, Spain); ICGP Program Chairs: Dr. Ruth O'Hara (Stanford University, USA) and Dr. Breno Diniz (Federal University of Minas Gerais, Brazil)</b>	
8:30h – 10h	<p><b>President Plenary: Antipsychotics in the elderly: From the molecular psychopharmacology to clinical treatments. Chairs: Angel Morinigo, MD (University of Sevilla, Spain) and Gwenn Smith, PhD (Johns Hopkins University, Baltimore, USA)</b></p> <p><b>8:30h: Alternatives to Antipsychotics in Psychotic Major Depression</b> <i>Alan Schatzberg, MD (Stanford University, USA)</i></p> <p><b>9:00: The Challenge of Prescribing Antipsychotic Agents in the Elderly</b> <i>Angel Morinigo, MD, PhD (University of Sevilla, Spain)</i></p> <p><b>9:30: CYP 450 and Its Clinical Implications in the Clinical Use of Second Generation Antipsychotics</b> <i>Juan Molina, MD, PhD (Francisco de Vitoria y Camilo Jose Cela Universities Madrid, Spain)</i></p>	
10h – 10:30h	Break	
10:30h – 12:30h	<p><b>Parallel Symposium 1: Recent Developments in the Field of Positive Psychiatry: Implications for Psychological and Physiological Aging</b></p> <p><b>Chair: Ipsit Vahia, MD (University of California San Diego, USA)</b></p> <p><b>10:30h: Positive Psychiatry of Late Life</b> <i>Dilip V. Jeste, M.D. (University of California San Diego, USA)</i></p> <p><b>10:50h: Biological Markers of Resilience with Age.</b> <i>Owen M. Wolkowitz, MD (University of California San Diego, USA)</i></p> <p><b>11:10h: Neurobiological Correlates of Positive Psychological Traits in Older Adults</b> <i>Lisa Eyler, PhD (University of California San Diego, USA)</i></p> <p><b>11:30h: Technologies to Promote Resilience in Late Life.</b> <i>Ipsit Vahia, MD (University of California San Diego, USA)</i></p> <p><b>11:50h: The Reciprocal Relationship of Cognitive Function and Emotional Regulation in Late Life</b> <i>Jill Waring, PhD (St. Louis University, USA)</i></p> <p><b>12:10h Discussion</b></p>	<p><b>Parallel Symposium 2: The Contribution of Sleep Dysregulation and Sleep Disorders to Mental and Cognitive Health in the Elderly</b></p> <p><b>Chair: Ruth O'Hara, PhD (Stanford University, USA)</b></p> <p><b>10:30h: DSM-5 Sleep Wake Disorders Nosology: Implications for Understanding Brain Health in Older Adults</b> <i>Ruth O'Hara, PhD (Stanford University, USA)</i></p> <p><b>10:55h: Sleep Disorders and the Risk of All-Cause Mortality in Older Adults from a Population-Based Cohort.</b> <i>Erico Castro-Costa, MD, PhD (FIOCRUZ, Brazil)</i></p> <p><b>11:20h: New Approaches to Understanding the Relationship of Sleep to Alzheimer's Disease</b> <i>Emmanuel Mignot, MD (Stanford University, USA)</i></p> <p><b>11:50h: Slow Wave Sleep, Cognitive Decline and Dementia</b> <i>Makoto Kawai, MD (Stanford University, USA)</i></p> <p><b>12:15h Discussion</b></p>
12:30h – 13:45h	Lunch	

	Room A	Room B
13:45h – 15:45h	<p><b>Parallel Symposium 3: The Role of Comorbidities in the Diagnosis and Treatment of Late Life Neurocognitive and Neuropsychiatric Disorders</b></p> <p><b>Chair: Remy Potier</b> (<i>Paris Diderot University, France</i>)</p> <p><b>13:45h: The Role of Comorbidities in the Diagnosis and Treatment of Late Life Disorders: Methodological Considerations</b></p> <p><i>Helena Kraemer, PhD (Stanford University, USA)</i></p> <p><b>14:10h: Multi-morbidities in Older Adults</b></p> <p><i>Mary Goldstein, MD (Stanford University, USA)</i></p> <p><b>14:35h: The Impact of Cochlear Implantations on Cognitive Decline in Older Patients</b></p> <p><i>Remy Potier, PhD (Paris Diderot University, France)</i></p> <p><b>15:00h: Psychiatric Comorbidities: Association of Late-life Anxiety Disorders with Medical and Psychiatric Disorders in Community-Dwelling Older Adults</b></p> <p><i>Christine Gould, PhD (GRECC Palo Alto VA/Stanford University, USA)</i></p> <p><b>15:25h: Discussion</b></p>	<p><b>Parallel Symposium 4: Genes, Induced Pluripotent Stem Cells, and Networks</b></p> <p><b>Chair: Joachim Hallmayer, MD</b> (<i>Stanford University, USA</i>)</p> <p><b>13:45h: Genetic and Other Neurobiological Changes at the Intersection of Major Depression and Brain Aging Methodological Considerations</b></p> <p><i>Etienne Sibille, PhD (University of Toronto, Canada)</i></p> <p><b>14:10h: iPSC-Derived Neural Networks Reveal a Circuit-Level Vulnerability to Age-Related Inflammatory Signaling in Parkinson's Disease</b></p> <p><i>Theo Palmer, PhD ((Stanford University, USA)</i></p> <p><b>14:35h: Neurons Derived from Induced Pluripotent Stem Cells to Study Psychiatric Disorders Across the Lifespan</b></p> <p><i>Joachim Hallmayer, MD (Stanford University, USA)</i></p> <p><b>15:00h: 3D Neuronal Spheroids – an Innovative Model for the Interrogation of Psychiatric Disorders</b></p> <p><i>Sergiu Pasca, MD (Stanford University, USA)</i></p> <p><b>15:25h: Discussion</b></p>
15:45h – 16:45	<p><b>Awards Ceremony</b></p> <p><b>Senior Investigator Awardee</b></p> <p><b>Meryl A. Butters, PhD</b> (<i>University of Pittsburgh, USA</i>) - <b>Mood Matters: Depression and the Risk of Cognitive Impairment and Dementia</b></p> <p><b>Junior Investigator Awardees</b></p> <p><b>Elizabeth DiNapoli, PhD</b> (<i>VA Pittsburgh Healthcare System, USA</i>)</p> <p><b>Christine Gould, PhD</b> (<i>VA Palo Alto Health Care System, USA</i>)</p> <p><b>Hadi Hosseini, PhD</b> (<i>Stanford University, USA</i>)</p> <p><b>Makoto Kawai, MD, DSc</b> (<i>VA Palo Alto Health Care System, USA</i>)</p> <p><b>Sanjeev Kumar, MD, FRCPC</b> (<i>University of Toronto, CAMH, CANADA</i>)</p> <p><b>Li Su, PhD</b> (<i>University of Cambridge, UK</i>)</p> <p><b>Keith Sudheimer, PhD</b> (<i>Stanford University, USA</i>)</p> <p><b>Lucy Wang, MD</b> (<i>University of Washington, USA</i>)</p> <p><b>Eniko Zsoldos, BSc MSc</b> (<i>University of Oxford, UK</i>)</p>	

17h – 19h

## Poster Session

### **1 Val66Met Influences the Performance of Neuropsychological Test in Patients with MCI**

Renalice Vieira, Marco Túlio Cintra, Anna Luiza Souza, Pedro Neiva, Rafaela Avila, Jonas Jardim de Paula, Edgar Nunes de Moraes, Maria Aparecida Bicalho

### **2 Proposed Instrument for Screening of Mild Cognitive Impairment and Early Dementia in Primary Care**

Fabiana Cunha Cintra, Marco Túlio Cintra, Renalice Vieira, Anna Luiza Souza, Pedro Neiva, Jonas Jardim de Paula, Edgar Nunes de Moraes, Maria Aparecida Bicalho

### **3 Interaction of Depression, Anxiety, and Alcohol Consumption with Impaired Cognitive Functioning in Older Adults**

Jessica Chow, Josh Jordan, MA, Ruth O'Hara, PhD, Christine Gould, PhD

### **4 Late-Life Anxiety Symptoms are Associated with Subjective but not Objective Sleep Parameters**

Christine E. Gould, PhD, Sherry A. Beaudreau, PhD, Rosy Karna, MS, Josh Jordan, MA, Isabelle Joly, BA, Lauren Anker, BA, Makoto Kawai, MD, Ruth O'Hara, PhD

### **5 Interactive Effects of Oxygen Saturation, APOE e4, and I Allele on Cognitive Function**

Deanna Shinsky, BS, Kayla Kliger, BS, Josh Jordan, MA, Ruth O'Hara, PhD

### **6 The Effects of Age, Symptom Severity, and Cortisol on Positive Affect Seeking in Major Depressive Disorder**

Heinemeyer, E, Sudheimer, K, O'Hara, R, Blasey, C, Schatzberg, AF

### **7 Sensitivity to Oxygen Saturation: Understanding the Relationship Between APOE ε4, AHI, and Cognitive Function**

Josh Jordan, MA, Josh Tal, MS, RPSGT, Lauren Anker, BA, Michelle Primeau, MD, Makoto Kawai, MD, Joachim Hallmayer, MD, Ruth O'Hara, PhD

### **8 Reduced Rapid Eye Movement Sleep is Associated with Symptoms of Anxiety in Older Adults**

Rosy Karna, MS, Josh Jordan, MA, Christine Gould, PhD, Sherry Beaudreau, PhD, Isabelle Joly, BA, Lauren Anker, BA, Makoto Kawai, MD, Ruth O'Hara, PhD

### **9 Sleep Onset Frontal Intermittent Rhythmic Delta Activity and Cognition in Older Adults**

Makoto Kawai, MD, Isabelle Cotto, Emily Gere, Ruth O'Hara, PhD

### **10 Association between Computer Use and Executive Functioning in Cognitively Normal Older Adults in the Aging**

#### **Demographics and Memory Study**

Victoria Liou-Johnson, MS Sherry Beaudreau PhD

### **11 Gene Interactions and Structural Brain Change in Early-onset Alzheimer's Disease**

Taeho Kim, Min Chul Ahn

### **12 Toward an Understanding of the Neurobiological Basis of Late Life Depression: Brain imaging and Blood Biomarker Study**

Okada G, Okamoto Y, Takamura M, Matsumoto T, Yamawaki S.

### **13 Characterizing Mild Cognitive Impairment in an Elderly French Population**

Shreya Ramachandran, Priyanka Vij, Rayma Williams, BS, Josh Jordan, MA., Keith Sudheimer, PhD, Sherry Beaudreau, PhD, Ruth O'Hara, PhD, Remy Potier, PhD

### **14 Age-Related Differences in Cognitive Control While Performing a Novel Attention Orienting Task**

Alexander Simon, David Ziegler, PhD, Adam Gazzaley, MD, PhD

### **15 The Effects of Aging on Hypothalamic Functional Connectivity to the Subgenual Cingulate Cortex in Healthy and Depressed Individuals**

Keith Sudheimer PhD, Jennifer Keller PhD, Ruth O'Hara PhD, Greer Murphy, MD, Alan Schatzberg MD

### **16 Altered Relationship Between Age and Default-Mode Network Regulation in Patients with Major Depressive Disorder: A Functional Brain Imaging Study**

Takamura M, Okamoto Y, Okada G, Toki, S, Yamamoto, T, Matsumoto T, Yamawaki S

### **17 Understanding the Relationship Between Hearing Impairment, ApoE4, and Gender on Cognitive Impairment**

Priyanka Vij, Rayma Williams, Josh Jordan MA, Ruth O'Hara PhD

### **18 Relationships Between CSF Norepinephrine and Cortisol in Patients with Alzheimer's Disease and Cognitively Normal Controls**

Lucy Y. Wang MD, Charles W. Wilkinson PhD, Murray A. Raskind MD, Jane B. Shofer MS, Carl Sikkema BS, Elaine R. Peskind MD

### **19 Dorsolateral Prefrontal Cortex Neuroplasticity and Working Memory Performance in Individuals with Early Alzheimer's Disease**

Sanjeev Kumar, Reza Zomorodi, Daniel M. Blumberger, Corinne Fischer, Zafiris J. Daskalakis, Benoit H. Mulsant, Bruce G. Pollock, Tarek K. Rajji

### **20 Structural Neuroimaging Genetics Interactions in Early-onset Alzheimer's Disease**

Seok Woo Moon, Seong-Jin Cho, Taeho Kim, Min Chul Ahn

**10/09/2015 Stanford Arrillaga Fisher Center**

	Room A	Room B
8:30h – 10h	<p><b>Plenary Session 2: Junior Investigator Award Session</b>  <b>Co-Chairs: Sara Weisenbach, PhD</b> (University of Utah, USA) <b>and Shawn McClintock, PhD, MSCS</b> (Duke University, USA)  <b>Discussant: Olu Ajilore, MD, PhD</b> (University of Illinois at Chicago, USA)  <b>8:30h: Cerebrospinal Fluid Cortisol and Norepinephrine: Aging and Alzheimer's Disease</b>  <i>Lucy Wang, MD</i> (University of Washington, USA)  <b>8:50h: MR Relaxometry and MR Spectroscopic Imaging Biomarkers in Alzheimer's Disease and Dementia with Lewy Bodies</b>  <i>Li Su, PhD</i> (University of Cambridge, UK)  <b>9:10h: Update in Late-Life Bipolar Disorder Pharmacology</b>  <i>Soham Rej, MD, MSc</i> (University of Toronto, Canada)  <b>9:30h Discussion</b></p>	
10h – 10:30h	Break	
10:30h – 12:30h	<p><b>Plenary Session 3: Therapeutic Interventions to Prevent Cognitive Decline in Older Adults</b>  <b>Chair: Breno S. Diniz, MD, PhD</b> (Federal University of Minas Gerais, Brazil)  <b>10:30h: Biosignatures of Depression and Cognitive Impairment in Older Adults: Neurobiologic Implication and its Therapeutic Perspectives</b>  <i>Breno S. Diniz, MD, PhD</i> (Federal University of Minas Gerais, Brazil)  <b>10:55h: Inflammation as a Therapeutic Target for Cognitive Impairment and Depression</b>  <i>Antonio Lucio Teixeira, MD, PhD</i> (Federal University of Minas Gerais, Brazil)  <b>11:15h: Remediating Age Related Cognitive Decline: Mindfulness-Based Stress Reduction and Exercise</b>  <i>Eric Lenze, MD</i> (Washington University, USA)  <b>11:35h: Medical Comorbidity and Acute Medical Health Service Utilization in Late-Life Bipolar Disorder: A Comparison of Lithium, Valproate, and Other Pharmacotherapies</b>  <i>Sohan Rej, MD</i> (University of Toronto, Canada)  <b>12:00h Discussion</b></p>	
12:30h – 13:45h	Lunch	

	Room A	Room B
13:45h – 15:45h	<p><b>Parallel Symposium 5: Imaging Parkinson's Disease</b>  <b>Chair: Dr. Antonio P. Strafella</b> (University of Toronto, Canada) <b>Co-Chair: Greg Pontone, PhD</b> (John Hopkins University, USA)</p> <p><b>13:45h: Robust Structural MRI Changes Seen in Parkinson's Disease</b>  <i>Martin McKeown, MD (University of British Columbia, Canada)</i></p> <p><b>14:10h: Neuroimaging Markers of Cognitive Decline in Parkinson's Disease</b>  <i>Oury Monchi, PhD (University of Calgary, Canada)</i></p> <p><b>14:35h: Hippocampal Subregions and the Role of High Resolution fMRI in Mild Cognitive Impairment in Parkinson's Disease</b>  <i>Greg Pontone, PhD (John Hopkins University, USA)</i></p> <p><b>15:00h: Imaging Behavioral Complications in Parkinson's Disease</b>  <i>Antonio P. Strafella, MD (University of Toronto, Canada)</i></p> <p><b>15:25h: Discussion</b></p>	<p><b>Parallel Symposium 6: Predictors of Psychotherapeutic Response in Older Adults</b>  <b>Chair: Sherry A. Beaudreau, PhD, ABPP</b> (Palo Alto VA Health System / Stanford University, USA)</p> <p><b>13:45h: Structural and Functional Brain Characteristics Associated with Psychotherapy Response in Late Life Depression, and the Benefits of a Multimodal MRI Approach</b>  <i>Scott Mackin, PhD (University of California San Francisco, USA)</i></p> <p><b>14:10h: For Whom the Bell Tolls: Predictors of Response to Mindfulness-Based Stress Reduction in Older Adults with Anxiety Disorders or Depression</b>  <i>Julie Wetherell, PhD, ABPP (University of California San Diego, USA)</i></p> <p><b>14:35h: Cognitive Predictors of Response and Remission to Psychological Treatments in Older Adults with Depression</b>  <i>Sherry A. Beaudreau, PhD, ABPP (Palo Alto VA Health System / Stanford University, USA)</i></p> <p><b>15:00h: Cognitive and Mental Health Correlates of Implicit Regulation of Emotion in Community-Dwelling Older Adults</b>  <i>Nathan Hantke (Stanford University, USA)</i></p> <p><b>15:25h: Discussion</b></p>
15:45h – 16:00h	Break	
16h – 18h	<p><b>Parallel Symposium 7: The Neurocircuitry of Late Life Psychiatric Disorders</b>  <b>Chair: Amit Etkin, MD, PhD</b> (Stanford University, USA)</p> <p><b>16h: Functional Neuroimaging Biomarkers of Disease and their Treatment: is there a Signal?</b>  <i>Amit Etkin, PhD (Stanford University, USA)</i></p> <p><b>16:25h: The Reciprocal Relationship of Cognitive Control and Emotional Regulation in Late Life Depression and Late Life Anxiety</b>  <i>Ruth O'Hara PhD (Stanford University, USA)</i></p> <p><b>16:50h: Monitoring and Improving Cognitive Health across the Lifespan: Applications for Psychiatry</b>  <i>Gregory Light, PhD (University of California San Diego, USA)</i></p> <p><b>17:15h: Neuroendocrine and Immune Function: Impact on Brain and Behavior in Late Life Depression</b>  <i>Keith Sudheimer, PhD (Stanford University, USA)</i></p> <p><b>17:40h: Discussion</b></p>	<p><b>Parallel Symposium 8: Biomarkers and Biology of Aging</b>  <b>Chair: Jerzy Leszek, MD</b> (Wroclaw Medical University, Poland)</p> <p><b>16h: Transcranial Magnetic Stimulation(TMS) In Alzheimer's Disease</b>  <i>Jacqueline Hoeppe, M.D. (University Medical Centre Rostock, Germany)</i></p> <p><b>16:25h: Chromosomal Instability, Polyploidy and Aneuploidy in Aging Brain and in Neurodegeneration</b>  <i>Kazimierz Gasiorowski, M.D. (Wroclaw Medical University, Poland)</i></p> <p><b>16:50h: Physical Parameters of One Drop of Blood as a Potent Indicator of Aging</b>  <i>Boguslaw Kuszta, Ph.D, D.Sc. (Caltech, USA)</i></p> <p><b>17:15h: The Potential Role of Nanotechnology in the Diagnosis and Treatment of Alzheimer's Disease</b>  <i>Jerzy Leszek, MD, PhD (Wroclaw Medical University, Poland)</i></p> <p><b>17:40h: Discussion</b></p>

## 10/10/2015 Stanford Arrillaga Fisher Center

8:30h – 10h	<p><b>Plenary Session 4: Sharing is Caring: Data and Sample Sharing in Mental Health Studies (Presentations)</b> <b>Chair: Eric Lenze, MD</b> (Washington University, USA) <b>Co-Chairs: Ruth O’Hara, PhD and Joachim Hallmayer MD</b> (Stanford University, USA) <b>Discussant: Dr. Jovier Evans</b> (NIMH, USA)</p> <p><b>8:30h: Introduction to the Format and Focus of the Symposium</b> <i>Eric Lenze, MD</i> (Washington University, USA)</p> <p><b>8:40h: This is What I Want: The Perspective of Peripheral Biosamples</b> <i>Tony Wyss-Coray, MD</i> (Stanford University, USA)</p> <p><b>8:50h: Genetic Opportunities in Late-Life Psychiatric Disorders</b> <i>Etienne Sibille, PhD</i> (University of Toronto, Canada)</p> <p><b>9h: iPSCs: A New Frontier for Geriatric Psychiatry</b> <i>Joachim Hallmayer, MD</i> (Stanford University, USA)</p> <p><b>9:10h: Essential Neuropsychological Measures in Geriatric Mental Health</b> <i>Meryl A Butters, PhD</i> (University of Pittsburgh, USA)</p> <p><b>9:20h: Cognitive Neuroscience in Late Life Disorders</b> <i>Amit Etkin, MD</i> (Stanford University, USA)</p> <p><b>9:30h: How can we Conduct and Share Cross-site Neuroimaging</b> <i>Lisa Eylar, PhD</i> (UCSD, USA)</p> <p><b>9:40h: Markers of Accelerated Aging</b> <i>Owen M. Wolkowitz, MD</i> (University of California San Diego, USA)</p> <p><b>9:50h: Data and Sample Sharing in Geriatrics Research: the View from ADNI and VA</b> <i>Ruth O’Hara, PhD</i> ((Stanford University, USA)</p> <p><b>9:55h: Implications of Mobile Technology for Data Gathering and Sharing</b> <i>Ipsit Vahia, MD</i> (University of California San Diego, USA)</p> <p><b>10h Data Sharing is a Reality: the View from NIMH</b> <i>Jovier Evans, PhD</i> (National Institute of Mental Health, USA)</p>
10:10h – 10:30h	Break
10:30h – 12:00h	<p><b>Plenary Session 5: Sharing is Caring: Data and Sample Sharing in Mental Health Studies (Discussion)</b> <b>Chair: Eric Lenze, MD</b> (Washington University, USA) <b>Co-Chairs: Ruth O’Hara, PhD and Joachim Hallmayer MD</b> (Stanford University, USA) <b>Discussant: Dr. Jovier Evans</b> (NIMH, USA).</p> <p><b>All ICGP Participants are invited to discuss the questions and issues raised in the first part of this symposium.</b></p>
12:00h	Adjournment