

American Geriatrics Society (AGS)/National Institute on Aging (NIA)
U13 Conference Series
Supported by the National Institute on Aging and the John A. Hartford Foundation
Delirium Conference Agenda and Speakers

DAY 1: Sunday, February 9

Session 1: Delirium, Interface with Sleep, Voiding Dysfunction

- 5:00PM – 5:10 Welcome and Introduction to U13 Conference Series
(Dr. George Kuchel, Chair)
- 5:10 – 5:25 Introduction to Delirium Conference
(Drs. Edward Marcantonio and Jeffrey Silverstein, Co-chairs)
- 5:25 – 6:15 Plenary 1 Delirium: What is it and what do we (not) know about it?
(Dr. Edward Marcantonio, Co-chair)
- 6:15 – 6:30 Discussion
- 6:30 – 7:30 Dinner
- 7:30 – 8:00 Keynote 1: Sleep Problems in Aging and their Relevance to Delirium
(Dr. Cathy Alessi, University of California, Los Angeles)
- 8:00 – 8:30 Keynote 2: Voiding Dysfunction and its Relevance to Delirium
(Dr. Neil Resnick, University of Pittsburgh)
- 8:30 – 9:00 Large Group Discussion: Sleeping, Voiding Dysfunction and Delirium Interface
(Session 1 speakers, conference leaders, and audience)

DAY 2: Monday, February 10

- 7:00AM – 8:00 Trainee/Junior Faculty Individual Breakfast Meetings with Senior Faculty

Session 2: Psychoneuroimmunology and Delirium

- 8:15 – 8:40 Stress and medical/surgical illness and Sickness Syndrome
(Dr. Jeffrey Silverstein, Icahn School of Medicine)
- 8:40 – 9:05 Inflammatory mediators in delirium: Where the neural circuitry of sickness syndrome and dementia meet
(Dr. Colm Cunningham, Trinity College, Dublin Ireland)

- 9:05 – 9:30 Blood Brain Barrier
(Dr. Christopher Hughes, Vanderbilt University)
- 9:30 – 10:00 BREAK
- 10:00 – 10:25 EEG findings after anesthesia and stress: implications for delirium
(Dr. Emery Brown, Harvard/MGH)
- 10:25 – 10:50 Manipulation/management of peri-illness stress (inflammation)
(Dr. Laura Dugan, UCSD)
- 10:50 – 11:15 Manipulation/management of peri-illness stress (anesthesia)
(Dr. Stacie Deiner, Icahn School of Medicine)
- 11:15 – 12:40 Lunch AND Small Group Discussion: Psychoneuroimmunology
(Session 2 speakers and audience)
- 12:40 – 1:00 BREAK

Session 3: Delirium and Dementia

- 1:00 – 1:25 Delirium, Apo-E status, and AD CSF biomarkers
(Dr. Zhongcong Xie, Harvard/MGH)
- 1:25 – 1:50 Delirium and Neuroimaging: Structural, functional, amyloid
(Dr. Ramona Hopkins, Brigham Young University)
- 1:50 – 2:15 Delirium and long-term cognitive impairment in ICU survivors
(Dr. Wes Ely, Vanderbilt University)
- 2:15 – 2:40 Post-delirium brain pathology—the same or different from AD?
(Dr. Daniel Davis, University of Cambridge, UK)
- 2:40 – 3:00 Panel Discussion—is delirium just AD or something different?
(Session 3 speakers and audience)
- 3:00 – 3:30 BREAK

Session 4: Delirium in vulnerable older adults

- 3:30 – 3:55 Delirium and Frailty: mechanistic links
(Dr. Jeremy Walston, Johns Hopkins)
- 3:55 – 4:20 Delirium, Multimorbidity and Frailty: epidemiological links
(Dr. Tom Robinson, University of Colorado)

- 4:20 – 5:20 Small Group Discussion: Delirium, Dementia, and Frailty
- 5:20 – 6:30 BREAK
- 6:30 – 7:30 Dinner
- 7:30 – 8:15 Resilience—implications for delirium onset and recovery
(Dr. Dilip Jeste, University of California, San Diego)
- 8:15 – 8:45 Large Group Discussion: Resilience and Delirium
- 8:45 – 9:00 Divide into working groups for tomorrow AM
(Drs. Marcantonio and Silverstein)

DAY 3: Tuesday, February 11

- 7:30AM – 8:45 Working Groups to start developing products from Conference

Session 5: Delirium Interventional Research: Challenges and the Way Forward

- 9:00 – 9:25 Innovative approaches to delirium measurement
(Dr. Richard Jones, Brown University)
- 9:25 – 9:50 Quality control mechanisms for delirium studies
(Dr. Hochang Ben Lee, Yale University)
- 9:50 – 10:15 What are appropriate endpoints for delirium treatment studies?
(Dr. Pratik Pandharipande, Vanderbilt University)
- 10:15 – 10:30 BREAK
- 10:30 – 10:55 Who are we enrolling into delirium intervention studies and what interventions are we testing?
(Dr. Frederick Sieber, Johns Hopkins)
- 10:55 – 11:20 Designing new pleiotropic, multifactorial interventions for delirium
(Dr. Sharon Inouye, Harvard/Hebrew SeniorLife)
- 11:20 – 11:45 Designing interventions for delirium superimposed on dementia
(Dr. Donna Fick, Penn State University)
- 11:45 – 12:10 Developing collaborative networks for delirium research: lessons learned from Hospital Medicine

(Dr. Andrew Auerbach, University of California, San Francisco)

12:10 – 12:35 The challenge of T2 translation
(Dr. Malaz Boustani, Indiana University)

12:40 – 1:45 Small Group Discussion and Lunch: Delirium interventions

1:45 – 2:00 BREAK

Session 6: Putting It All Together

2:00 – 2:30 AGS/SEGUE Delirium Guidelines Panel—collaboration with U13 conference
(Drs. Sharon Inouye, Harvard/Hebrew SeniorLife and Tom Robinson, University of Colorado)

2:30 – 3:00 Report from the AM Working Groups (Group Leaders)

3:00 – 3:30 Developing a Conference Summary Statement: Writing Assignments
(Drs. Kuchel, Silverstein, and Marcantonio)

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