

19th Spring Brain Conference
Preliminary Program
March 12- 15, 2008 Palm Springs, CA

Wednesday March 12, 2008

6:00 pm Opening Reception

7:15 pm Welcome and Overview (SBC Board)

7:30 pm – 8:30 pm Keynote Address

Julie R. Korenberg, MD, PhD

Gerl and Richard Brawerman Chair in Molecular Genetics/Vice Chair of Research,
Department of Pediatrics, Cedars-Sinai Medical Center
Professor of Pediatrics and Human Genetics, David Geffen School of Medicine,
University of California, Los Angeles (UCLA)
Adjunct Professor, Salk Institute

Thursday March 13, 2008

6:30 am *Breakfast*

7:00 am – 8:35 am: Plenary Session I

Acid sensing ion channels (ASIC), muscle pain, and reflex sympathetic control of blood flow

(Alan Light, University of Utah – Organizer)

8:35 am – 9:50 am: Plenary Session II

Differential susceptibility to neurodegeneration

(Eldon Geisert, University of Tennessee, Memphis – Organizer)

9:50 am – 10:45 am: Plenary Session III

Mechanisms underlying lesion progression after brain and spinal cord trauma

(Helen Bramlet and W. Dalton Dietrich, University of Miami – Organizers)

10:45 am – 12:00 pm: Plenary Session IV

Neurogenesis and neuroblast migration in the normal and injured adult brain

(W. Thomas Carmichael, UCLA – Organizer)

11:30 am ***Deli Lunch***

Afternoon **Free Time**

7:00 pm – 8:00 pm Open Board Meeting

Friday March 14, 2008

6:30 am ***Breakfast***

7:00 am – 8:15 am: Plenary Session V

From molecules to memory: dynamic roles and regulation of extracellular matrix proteins, integrin receptor signaling and extracellular proteolysis in shaping synaptic form and function

(George Huntley, Sinai Hospital – Organizer)

8:15 am – 9:30 am: Plenary Session VI

What do circuits other than the feedforward geniculostriate pathway bring to visual perception?

(David Lyon, UC Irvine – Organizer)

9:30 am – 10:45 am: Plenary Session VII

Unraveling molecular mechanisms of somatic sensation: from the skin to the spinal cord

(Zhou-Feng Chen, Washington University – Organizer)

10:45 am – 11:40 am Plenary Session VIII

Emerging mechanisms of estrogen action in brain

(Paul Mermelstein, University of Minnesota – Organizer)

7:00 am – 1:00 pm **Posters**

11:30 am ***Deli Lunch***

Afternoon **Free Time**

6:00 pm – 8:00 pm ***Dinner***

8:00 pm – 9:00 pm: Plenary Address

Richard F. Thompson, PhD

Keck Professor of Psychology and Biological Sciences

Departments of Neurobiology, Biological Sciences, Psychology, Neurology, Gerontology

College of Letters Arts & Sciences, Keck School of Medicine & Leonard Davis School
of Gerontology
University of Southern California

Saturday March 15, 2008

6:30 am **Breakfast**

7:00 am – 8:35 am: Plenary Session IX

To breathe, perchance to exhale - ay, there's the rub.

(Jack Feldman, UCLA - Organizer)

8:35 am – 9:50 am: Plenary Session X

**Neuroplasticity: harnessing the remodeling of the brain to produce new treatments
for refractory conditions in humans**

(Ed Taub, University of Alabama, Birmingham and Michael Merzenich, UCSF -
Organizer)

9:50 am – 10:45 am: Plenary Session XI

Mapping and staining the mammalian brain

(Amelie Gubitza, NINDS – Organizer)

10:45 am – 12:00: Plenary Session XII

Modeling brain and behavior

(Eugene M., Neurosciences Institute – San Diego – Organizer)

11:30 am **Deli Lunch**

Afternoon Free Time

6:00 pm – 9:00 pm Closing Reception, Dinner, Awards