Knowing Brain Healing Brain

August 30 (Thu)-31 (Fri), 2018

Grand Hilton Convention Center, Seoul

The 21st Annual Meeting of the Korean Society for Brain and Neural Sciences

등록 안내

초록등록	· 마감일 : 2018년 7월 25일 (수) 오후 5시까지
사전등록	· 마감일 : 2018년 7월 27일 (금) 오후 5시까지
연수평점	8. 30 (목) 6평점 / 8. 31 (금) 6평점

Plenary & Keynote Speaker

Plenary Speaker

Robert C. Malenka, MD, PhD

Nancy Pritzker Professor at Stanford University School of Medicine

Robert Malenka 교수는 시냅스 가소성의 핵심 분자기전들을 규명해온 세계적인 신경과학자로, 보상 및 중독 등에서 시냅스 가소성의 중요성, 인과성을 입증하였다. 다양한 동물행동에 관여하는 핵심 신경회로들을 찾고, 기능 연구를 위한 다양한 실험 시스템을 구축하는 등 다양한 신경과학 분야 발전에 공헌하고 있다.

- 주요약력

- MD-PhD, Stanford University School of Medicine (1983)
- Professor & Associate Chair, Department of Psychiatry & Behavioral Sciences (1999-present)
- Deputy Director, Stanford Neurosciences Institute (2008-present)
- Member, National Academy of Medicine (2004)/Fellow, American Academy of Arts and Sciences (2005)
- Society for Neuroscience Young Investigator Award (1993)/'NARSAD Goldman-Rakic Prize for Outstanding Cognitive Neuroscience Research (2010)/Member, National Academy of Sciences (2011)/Society for Neuroscience Julius Axelrod Prize (2016)

Keynote Speaker

Allan Basbaum, PhD

Professor and Chair at UCSF School of Medicine

Allan Basbaum 교수는 지난 40여년 간 척수신경망의 구조 및 기능을 연구해 온 신경해부학 분야의 세계적 석학으로, 특히 통증 감각 신호를 매개하는 신경세포 및 신경회로를 척수 수준에서 규명하는데 기여하였다. 최근에는 통증 및 가려움 감각을 매개/조절하는 신경회로를 척수상위수준에서 규명하는 연구를 수행하고 있으며, 또한 신경손상 후 신경망 가소성 연구 및 줄기세포를 활용한 통증 조절 연구 등, 통증 연구 분야에 지대한 공헌을 하였다.

- 주요약력

- Swedish Physiological Society, Yngve Zotterman Prize (2007)
- Elected Fellow of American Association Anatomists (2009)
- American Academy Pain Medicine, Founder's Award (2013)
- Society Neurological Surgeons, Grossman Award (2014)
- Editor-in-Chief, Pain (2003-2012)
- Fellow, American Academy of Arts and Sciences (2006), Fellow, Royal Society in the United Kingdom (2003)

Keynote Speaker

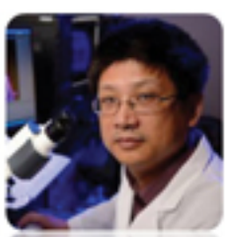
Mauro Costa-Mattioli, PhD

Associate Professor at Baylor College of Medicine

Mauro Costa-Mattioli 교수는 기억 형성에 관여하는 분자적 mechanism을 연구해온 세계적인 중견 신경과학자로 특히 단백질 합성 조절이 장기 기억의 형성 및 관련 질환에 미치는 영향을 밝혔다. 최근에는 장내 미생물이 사회성 등 다양한 뇌기능에 미치는 영향을 밝히는 새로운 연구 분야에 공헌하고 있다.

- 주요약력

- PhD, University of Nantes (2002)
- Associate Professor in Baylor College of Medicine (2008 – present)
- Director of the Memory & Brain Research Center (MBRC) at Baylor College of Medicine (2014 – present)
- Cullen Foundation Endowed Chair (2017), International Eppendorf and Science Prize for Neurobiology (2008), the Searle Scholar Award (2009), Whitehall Scholar Award (2010), National Academy of Science and Kavili Fellow (2010), International Society for Neurochemistry's Young Investigator Award (2013), the Michael E. DeBakey, M.D., Excellence in Research Award (2013)



Keynote Speaker

Hongjun Song, PhD

Professor at Perelman School of Medicine, University of Pennsylvania

Hongjun Song 교수는 발달중인 뇌와 성체뇌에서 내- 외부 신호에 의한 neural stem cell의 기능 및 영향을 연구해온 neural stem cell 분야의 세계적인 신경과학자로서 동물모델, iPSc 모델, brain organoid 모델을 이용하여 정상 뇌발달 뿐 아니라 다양한 정신질환의 분자적 기전을 연구하고 있다. 최근에는 포유동물의 신경계의 발달 및 기능에 후성유전체 및 후성전사체가 미치는 영향을 밝히는 새로운 연구분야에 공헌하고 있다.

- 주요약력

- PhD, University of California, San Diego (1998)
- Professor of Neurology and Neuroscience at Johns Hopkins University (2002-2016)
- Professor of Neuroscience, and Cell and Developmental Biology at University of Pennsylvania (2017-current)
- The Young Investigator Award from the Society for Neuroscience (2008), the Jacob Javits Neuroscience Investigator Award from the NIH (2013), Thomson Reuters Highly Cited Researcher (2014, 2016, 2017), The National Center for Advancing Translational Sciences Director's Award

Program

Day 1 - 2018. 8. 30 (Thu)

Time	Hall 1	Hall 2	Hall 3	Hall 4
08:00-09:00	Registration			
09:00-09:20	Opening Ceremony			
09:20-11:00	**Symposium 1** Neural Circuits Underlying Emotion and the Related Disorders	**Symposium 2** Synaptic Pathophysiology of Brain Disorder	**Symposium 3** Sensory Processing Disorders and Mouse Model System	**Symposium 4** Visual Representations of Space in the Human Brain: Insights from Nonhuman Animals
11:00-11:20	Break			
11:20-12:10	**Plenary Lecture (Hall 1 & Hall 2)** Robert Malenka (Stanford University)			
12:10-13:10	Lunch		Luncheon Seminar	Lunch
13:10-13:50	**Keynote Lecture I (Hall 1 & Hall 2)** Allan Basbaum (UCSF)			
13:50-14:50	Exhibition & Poster Presentation I (Emerald Hall)			
14:50-16:30	**Symposium 5** Thalamocortical Circuit: from Sensory Relay to Higher Cognitive Function	**Symposium 6** Korea-China Joint Colloquium: New Frontiers in Vision Research	**Symposium 7** Peripheral Glia and Neuropathy	**Symposium 8** Bi-directional Brain Machine Interface toward Safer and More Efficient Neural Prosthetics
16:30-16:50	Break			
16:50-18:30	**Symposium 9** Behavioral Connectome of Invertebrate Brains	**Symposium 10** KBRI 6th Anniversary Symposium: Neurobiology of Aging Brain	**Symposium 11** New Insights & Biotechnologies in Parkinson's Disease	**Symposium 12** Understanding Nociceptive Transmission and Pain Signaling
18:30-20:30	Scitech Korea Young Scienctist Award & Banquet (Grand Ballroom)			

Day 2 - 2018. 8. 31(Fri)

Time	Hall 1	Hall 2	Hall 3	Hall 4	Flamingo Rm
08:00-09:00	Registration				
09:00-10:40	**Symposium 13** Neuronal Circuits of Ingestive Behavior	**Symposium 14** The Complexity of the Habenula Complex: Implications in Depression and Fear Memory	**Symposium 15** Glial Function in Translational Neuroscience of Neurodegenerative Disorders	**Symposium 16** Cilia and Nervous System Development and Function	
10:40-11:40	Exhibition & Poster Presentation II (Emerald Hall)				
11:40-12:20	**Keynote Lecture II (Hall 1 & Hall 2)** Hongjun Song (UPenn)				
12:20-13:20	Lunch		Luncheon Seminar	Lunch	**Forum** Women in Neuroscience (12:20-14:50)
13:20-13:50	**Joseph Jin Chang Award & Talk**		**EN Session** Experimental Neurobiology: Past, Present and Future		
13:50-14:20					
14:20-15:20	Exhibition & Poster Presentation III (Emerald Hall)				
15:20-17:00	**Symposium 17** Brain Circuits and Neuronal Basis of Addiction	**Symposium 18** Korea-Japan Joint Colloquium: Neural Stem Cells and Regenerative Neuroscience	**Symposium 19** Emerging Engineering Technologies for Brain and Neural Sciences	**Symposium 20** Functions of Brain Cells Regulated by Metabolic Enzymes	
17:00-17:20	Break				
17:20-18:00	**Keynote Lecture III (Hall 1 & Hall 2)** Mauro Costa-Mattioli (Baylor College of Medicine)				
18:00-18:30	Closing Ceremony & General Assembly (Hall 1 & Hall 2)				

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