



XVTH INTERNATIONAL SYMPOSIUM ON CHOLINERGIC MECHANISMS

October 16-20, 2016, Marseille, France



Palais des Congrès – Marseille Chanot

Sessions

- ❖ Higher brain functions / nicotinic and muscarinic modulation
- ❖ Neurodegenerative diseases, development, neurogenesis
- ❖ Brain: cholinergic circuits, optogenetic stimulation of cholinergic neurons
- ❖ Inflammation / non-neuronal cholinergic systems (parts 1 and 2)
- ❖ Genetics: human, animal models, polymorphism, evolution, epigenetics
- ❖ Supramolecular organization of the synapse
- ❖ Neuromuscular junction and motoneuron: development, diseases and therapeutic strategies
- ❖ Nicotine addiction and tobacco abuse
- ❖ Pharmacology, modulators, toxins, drug design, therapeutic agents (parts 1 and 2)
- ❖ Structure-dynamics-function relationships of cholinergic proteins (parts 1 and 2)
- ❖ Allostery in cholinergic receptors and enzymes
- ❖ Exposure to organophosphorus pesticides and nerve agents

And a **Roundtable** on Societal and funding issues associated with cholinergic neurotransmission

❖ **Opening lecture:**

Jean-Pierre Changeux (Paris, France)

❖ **Honorary Lecture:**

Hermona Soreq (Jerusalem, Israel)

❖ **The EMBO Keynote Lecture:**

Joel Sussman (Rehovot, Israel)

❖ **Invited speakers:**

Edson X. Albuquerque (Baltimore, MD, USA)

Thomas Balle (Sydney, Australia)

Jean-Louis Bessereau (Lyon, France)

Douglas Cerasoli (Baltimore, MD, USA)

John Dani (Philadelphia, PA, USA)

Sultan Darvesh (Halifax, NS, Canada)

Stuart Edelstein (Geneva, Switzerland)

Fredrick Ekström (Umea, Sweden)

Vania Ferreira Prado (London, ON, Canada)

Sergei Grando (Irvine, CA, USA)

Ryan E. Hibbs (Dallas, TX, USA)

Zrinka Kovarik (Zagreb, Croatia)

Evelyn K. Lambe (Toronto, ON, Canada)

Frances M. Leslie (Irvine, CA, USA)

Henry A. Lester (Pasadena, CA, USA)

Cecile Martinat (Evry, France)

Lin Mei (Augusta, GA, USA)

~~Cesare Montecucco (Padova, Italy)~~

~~Agneta Nordberg (Stockholm, Sweden)~~

Hugues Nury (Grenoble, France)

Kinji Ohno (Nagoya, Japan)

Roger Papke (Gainesville, FL, USA)

Marina Picciotto (New Haven, CT, USA)

Maryka Quik (Menlo Park, CA, USA)

Lorna W. Role (Stony Brook, NY, USA)

Terrence L. Rosenberry (Jacksonville, FL, USA)

Richard L. Rotundo (Miami, FL, USA)

Rüdiger Rudolf (Heidelberg, Germany)

Lucia Sivilotti (London, UK)

Maryna Skok (Kiev, Ukraine)

Palmer Taylor (La Jolla, CA, USA)

Andrew B. Tobin (Leicester, UK)

Antoine Triller (Paris, France)

Karl Tsim (Hong Kong SAR, China)

Celine Valant (Melbourne, Australia)

Ignaz Wessler (Mainz, Germany)

~~Jerrel L. Yakel (Res Triangle Park, NC, USA)~~

French Organizing Committee

Yves Bourne, Jean-Pierre Changeux, Arnaud Chatonnet, Pierre-Jean Corringier, Claire Legay, Pascale Marchot, Patrick Masson, Jordi Molgó, Florian Nachon, Denis Servent



Web site: <http://iscm.sciencesconf.org/>

Contact: iscm@afmb.univ-mrs.fr

Tel: +33 (0) 491 825 579

Logistics:

Atout Organisation Science

iscm2016@atout-org.com

Tel: +33 (0) 496 151 250

