



Gordon Research Conferences *frontiers of science*

Announcing the 2016 GRC & GRS on

Ligand recognition & Molecular Gating

Molecular Basis of Ligand Recognition and Gating
in Transmembrane Signaling and Transport



Date and Location

January 31- February 5, 2016
Renaissance Tuscan Il Ciocco
Lucca (Barga), Italy

Organizers

Chair: Crina Nimigean
Vice-Chair: Edmund Kunji

Meeting Description

Share with us the latest knowledge and expertise on the mechanism of function of receptors, transporters, and ion channels. How do membrane proteins undergo molecular conformational changes in response to ligand & substrate binding, and how does downstream signaling in a cellular context work...

Topics and Speakers

G-PROTEIN COUPLED RECEPTORS | *Chris Tate*

Klaus-Peter Hofmann, Andreas Plückthun, Ehud Isacoff

PHYSIOLOGY OF TRANSPORTERS AND CHANNELS | *Edmund Kunji*

Geoffrey Abbott, Frances Ashcroft, Nancy Carrasco, Benjamin Kaupp

CALCIUM RELEASE AND CALCIUM-GATED CHANNELS | *Teresa Giraldez*

Steve Long, Irina Serysheva, Nieng Yan

LIGAND GATED ION CHANNELS | *Anna Moroni*

Pierre-Jean Corringer, Peter Hegemann, Henning Stahlberg, Paul Shaffer

DUAL FUNCTION AND EXOTIC CHANNELS & TRANSPORTERS | *Hassane Mchaourab*

Alessio Accardi, Chris Miller, Jean-Ju Chung

ION PERMEATION AND GATING MECHANISM | *Kenton Swartz*

Ann McDermott, Bert de Groot, Francisco Bezanilla, Jian Payandeh

TECHNIQUE INNOVATION | *Simon Scheuring*

Maxime Dahan, Carol Robinson, Gebhard Schertler

TRANSPORTER MECHANISM | *Cristina Paulino*

Olga Boudker, José Faraldo-Gómez, Dirk Slotboom, Werner Kühlbrandt, Andrea Brüggemann

LATE-BREAKING TOPICS | *Chris Ahern*

Eduardo Perozo, Dimitrios Stamou, Filippo Mancia

GORDON RESEARCH SEMINAR | JANUARY 30-31

Chair: Cristina Paulino (VC: Ming-Feng Tsai)

speakers: Joel Meyerson, Camilo Perez, Jelena Baranovic, Oliver Clarke...

Keynote Lecture: Poul Nissen

Career Mentoring Session

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FOR THE GRS & GRC FROM ABSTRACT SUBMISSION. REGISTER AT:**

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