



ACCADEMIA NAZIONALE DEI LINCEI

FONDAZIONE «GUIDO DONEGANI»

INTERNATIONAL CONFERENCE

ALLOSTERIC PHARMACOLOGY

18 MAY 2015

Scientific-Organizing Committee:

M. BRUNORI (Chair), S. CALIFANO, S. CARRÀ, J.-P. CHANGEUX, G. MARINO, F. PALMIERI, S. PONTREMOLI, R. UGO

PROGRAMME

Monday, 18 May

- 09.00 Welcome addresses: Lamberto MAFFEI, President of the Accademia dei Lincei, and Renato UGO (Linceo, Milano)
- 09.15 Maurizio BRUNORI (Linceo, Sapienza-Università di Roma): *Hemoglobin, an honorary enzyme*
- Session 1 - Chair: Maurizio BRUNORI (Linceo, Roma) - Renato UGO (Linceo, Milano)
- 09.30 Jean-Pierre CHANGEUX (Institut Pasteur, Paris): *Allosteric mechanisms of signal transduction and the modulation of higher brain functions: consequences for drug design*
- 10.15 Joseph SCHLESSINGER (Yale University): *Allosteric regulation and inhibition of receptor tyrosine kinase in cancer therapy*
- 11.00 Break
- Session 2 - Chair: Gennaro MARINO (Linceo, Napoli) - Sandro PONTREMOLI (Linceo, Genova)
- 11.30 Vincenzo DI MARZO (CNR, Napoli): *CB1 receptors and TRPV1 channels: two different (and connected) ways of being allosterically modulated*
- 12.15 Craig W. LINDSLEY (Vanderbilt University, Nashville): *Allosteric modulation of GPCRs for probe and drug discovery*
- 13.00 End of the morning session
- Session 3 - Chair: Salvatore CALIFANO (Linceo, Firenze) - Sergio CARRÀ (Linceo, Milano)
- 14.15 Marcello ALLEGRETTI (Dompé Farmaceutici, L'Aquila): *Allosteric inhibitors of chemoattractant receptors: opportunities and pitfalls in drug discovery*
- 15.00 Dino MORAS (Université de Strasbourg): *Allosteric controls of nuclear receptors activity*
- 15.45 Break
- Session 4 - Chair: Jean-Pierre CHANGEUX (Linceo, Parigi) - Ferdinando PALMIERI (Linceo, Bari)
- 16.00 Maurizio BOTTA (Università di Siena): *Allosteric inhibitors drug design: successful examples in the fields of HIV and cancer*
- 16.45 Eva ESTÉBANEZ-PERPIÑÁ (Universitat de Barcelona): *Allostery in nuclear receptors: functional implications and potential biomedical applications*
- 17.30 The FEBS Lecture by Sir John E. WALKER (Nobel laureate, MRC, Cambridge): *Allosteric interaction in the mechanism of ATP synthase*
- 18.30 End of meeting

After dinner speech by Claude DEBRU (École Normale Supérieure, Paris) : *The philosophical implications of molecular biology and allostery* - Only by invitation

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FEBS

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ROMA - PALAZZO CORSINI - VIA DELLA LUNGARA, 10

Segreteria del convegno: piemontese@lincei.it, stefania.contardi@uniroma1.it - www.lincei.it

La partecipazione al convegno è libera, fino ad esaurimento dei posti disponibili. Coloro che intendono partecipare si devono registrare all'indirizzo email piemontese@lincei.it