



EUROPEAN COOPERATION
IN SCIENCE AND TECHNOLOGY

COST Office
Avenue Louise 149
1050 Brussels, Belgium
t: +32 (0)2 533 3800
f: +32 (0)2 533 3890
office@cost.eu

www.cost.eu

COST GASOTRANSMITTERS MEETING

Hotel President (address: Hold u. 3-5., Budapest H-1054, Hungary)

October 18-19, 2012

FINAL PROGRAM

October 18, 2012

12.00-12.45: Light lunch/registration

12.45-13.00: Welcome (Péter Ferdinandy and Andreas Papapetropoulos)

13.00-13.45: John Wallace (Canada): H₂S and gut inflammation

13.45-16.15: Management Committee meeting (for MC Members)

Coffee break: 16.15-16.30

CO Session

16.30-17.00: Carlos Romão (Portugal): CO-releasing Molecules: progress overview

17.00-17.30: Ulrich Schatzschneider (Germany): New CO-releasing molecules giving rise to well-defined iCORMs (inactivated CORMs)

17.30-18.00: Roberto Motterlini (France): CO liberation from CORM-401 is accelerated by biologically relevant oxidants

18.00-18.30: Stefan Chlopicki (Poland): CO – releasing molecules as anti-platelet agents

18.30-18.45: Matthew Whiteman (United Kingdom): Second international Conference on H₂S: a summary of the competition

18.45-19.00: News from collaborative projects between COST participants

Dinner on the boat: 20.00-21.30



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October 19, 2012 (morning)

H₂S Session

08.30-09.00: Matthew Whiteman (United Kingdom): Mitochondria-targeted H₂S donors

09.00-09.30: Andreas Papapetropoulos (Greece): Selectivity of commonly used H₂S synthesis inhibitors for CSE vs CBS

09.30-10.00: Karl-Friedrich Beck (Germany): Regulation of cystathionine-gamma-lyase in renal cells

10.00-10.30: Péter Nagy (Hungary): Some Redox- and Coordination-Chemical Properties of Hydrogen Sulfide in Relation to its Biological Activities

10.30-11.00: Giuseppe Cirino (Italy): Sulphydrilated ACE inhibitors: is there a role for H₂S?

Coffee break: 11.00-11.30

NO Session

11.30-12.00: Salvatore Cuzzocrea (Italy): Role of superoxide and peroxynitrite in acute and chronic inflammation

12.00-12.30: Péter Ferdinandy: (Hungary): Nitric oxide and peroxynitrite in endogenous cardioprotection: role of hyperlipidemia

12.30-13.00: Ioanna Andreadou (Greece): Endogenous mechanisms of cardioprotection and atheromatosis: the role of NO and nitrosative stress

13.00-13.30: Antonio Martínez-Ruiz (Spain): S-nitrosylation, thiol redox proteomics and cell signalling

Lunch (in the basement of the hotel): 13.30-14.30



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October 19, 2012 (afternoon)

Gasotransmitters Regulation Session

14.30-15.00: Eddie Weitzberg (Sweden): The nitrate-nitrite-NO pathway in health and disease

15.00-15.30: Carlos F. Sanchez-Ferrer (Spain): Nitric oxide in diabetic and obesity related vascular complications

15.30-16.00: Martin Feelisch (United Kingdom): NO and Hypoxia: Taking Nitrate to New Heights

16.00-16.30: Frédéric Bouillaud (France): Setting On/Off mitochondrial bioenergetics with sulfide

16.30-17.00: Paul Winyard (United Kingdom): NO talking to H₂S?

Closing: 17.00



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