

1999 GORDON RESEARCH CONFERENCE ON POLYAMINES

Scientific Program:



8/22 (Sun)

20:00 [eIF5A] Session Chair: D. Morris

20:10 M. H. Park "Structure/function studies of deoxyhypusine synthase"

20:50 D. Zuk "A temperature-sensitive allele of eIF-5A promotes the accumulation of uncapped mRNAs in yeast"



8/23 (Mon)

9:00 [Cancer] Session Chair: J. Cleveland

9:10 E. Gerner "Polyamine dependent gene expression"

9:50 C. Porter "Polyamine interactions with cell cycle regulatory pathways"

10:30 [Break]

11:00 T. O'Brien "Polyamines and susceptibility to cancer"

11:40 H. Wallace "Polyamines, cytotoxicity and apoptosis"

16:00-17:30 [Poster Set I]

19:30 [Structure] Session Chair: M. Phillips

19:40 S. Ealick "X-ray crystallographic studies of SAMDC structure"

20:20 M. Hackert "Mouse ODC X-ray crystal structure"

21:00 D. R. Davies "Crystal structure of the NAD complex of human deoxyhypusine synthase"



8/24 (Tue)

9:00 [Ion Channels] Session Chair: M. Mayer

9:10 K. Williams "NMDA receptor"

9:50 C. Nichols "Polyamines and K channel activity: New insights"

10:30 [Break]

11:00 D. Bowie "Polyamine block confers a novel plasticity mechanism on glutamate receptors in the CNS"

11:40 Poster Presentations

16:00-17:30 [Poster Set I]

19:30 [Translational- and Post-Translational Regulation] Session Chair: K. Igarashi

19:40 C. Atkins and I. Ivanov "Analysis of newly discovered antizyme"

20:20 J. Mitchell "Antizyme, antizyme-inhibitor and the mitochondrial connection"

21:00 Poster Presentations



8/25 (Wed)

9:00 [Polyamine Function] Session Chair: S. Cohen

9:10 A. J. Michael "Molecular aspects of the regulation of polyamine content in plant cells"

9:50 R. Poulin "Polyamine transport and sequestration in yeast: genetic and biochemical characterization"

10:30 [Break]

11:00 H. Webb "Antimitotic polyamines: Mechanistic studies"

11:40 B. Zetter "Control of prostate cancer cell growth by polyamine regulatory enzymes"

16:00-17:30 [Poster Set II]

19:30 [Transgenic Mice] Session Chair: O. Heby

19:40 A. Pegg "Transgenic mice expressing antizyme, dominant negative
ODC and ODC from cell specific promoters"

20:20 S. Matsufuji "Knockout of mouse antizyme (AZ1) gene"

21:00 J. Janne "Overexpression of SSAT in transgenic rodents results in
multiple phenotypic changes"



8/26 (Thu)

9:00 [Parasites] Session Chair: B. Ullman

9:10 C. C. Wang "ODC and proteasome in African trypanosomes"

9:50 C. Bacchi "Polyamine and related pathways as drug targets in parasitic
protozoa"

10:30 [Break]

11:00 Poster Presentations

16:00-17:30 [Poster Set II]

17:30 [Keynote Address] R. Davis