

HYPOXIA INTEREST GROUP
THE AMERICAN PHYSIOLOGICAL SOCIETY
NEWSLETTER: MARCH, 2001
Nanduri R. Prabhakar

An Exciting New Year, 2001
Happy New Year to all members of the Hypoxia Interest Group.

During the upcoming Experimental Biology Meeting in Orlando, Florida on March 31st to April 4th, 2001, we have several interesting sessions related to hypoxia which are sponsored or co-sponsored by Hypoxia Interest Group members.

HYPOXIA MINI SYMPOSIUM

“Intermittent Hypoxia: Cell to System”

Chair.Co-Chair : Nanduri R. Prabhakar, and Eugene Fletcher

Date: April 2, 20001

Time: 10:15 a.m. to 12:15 p.m.; Room Peabody, OrlandoII

Speakers:

R. Douglas Fields:

Periodic Changes in intracellular calcium in regulating cell signaling and gene expression

N.R. Prabhakar:

Cellular and Molecular Mechanisms associated Chronic Intermittent Hypoxia

T. Baker:

Spinal Plasticity elicited by Intermittent Hypoxia

E. Fletcher:

Chronic Intermittent Hypoxia: Effect upon Systemic Blood Pressure in Sprague-Dawley Rats

The following featured topic is sponsored by the Hypoxia Group, we are fortunate to have Dr. John Carroll from the University of Arkansas to give an invited talk on “Developmental aspects of oxygen sensing in the Carotid body”. The details are as follows:

HYPOXIA GROUP FEATURED TOPIC
“Developmental Regulation of Oxygen Sensing”
Chaired by P. Kumar (U.K.) and J. Carroll (USA)

Date: Tuesday, April 3, 2001
Time: 8:00 – 10:00 a.m. Room Peabody, Orlando I

Invited Lecture by Dr. John Carroll

In addition to the above, listed below are other Distinguished Lectures, Featured Topics, and Hot Topics that are of great appeal to those interested in systems and cellular responses to hypoxia.

DISTINGUISHED LECTURES:

August Krogh Distinguished Lecture: Peter Hochachaka

“Conservation and adptation in Evolution of Human Hypoxia response Physiology”

April 3, 2001; Time: 2-3PM Tuesday, (Peabody, Orlando III)

Julius H. Comroe, Jr. Distinguished Lecture: John E. Remmers

“ Breathing and Sleeping: A Physiological Conundrum for Humans”

April 3, 2001 ;Time: 10:15-11:15 AM; Tuesday, (Convention Center; Rm 311F)

FEATURED TOPICS

Kernal of Breathing: The Pre-Botzinger Complex (Chairs: Feldman/Neubauer)

April 2, 2001; Time 8-10AM;; Convention Center (Room 311/ G/H)

Molecular Responses to Hypoxia (Sonna); Session 2 (Genomic and Molecular Basis of Exercise and Environmental Physiology)

April 4, 2001; Time 8-10AM (Peabody; Orlando III).

Role of Oxidative Stress in Hypertension (Chairs: Reckelhoff/Alonoso-Galicia)

April 4, 2001; 8-10AM; (Convention Ctr. Room 311 E)

Respiratory Dinner:

Invited Speaker: Thomas H. Hornbein “Adaptation to Hypoxia”

OTHER NEWS

SYMPOSIUM PROPOSALS for 2002: The American Physiological Society (APS) is soliciting proposals for a half-day Symposium, HOT-Topic symposium, and Conference proposals. The decisions about symposia are made a year in advance, and three of our members are considering symposia proposals for consideration at the Program Advisory Committee meeting to be held at EB 2001. Members of the Hypoxia Group are urged to consider submitting proposals for 2002. What we need are good proposals to put forward either for a symposium or as a Hot-Topic related to hypoxia. I remind you that APS members who organize the symposia, at a minimum, receive a waiver of registration fees and financial assistance to the speakers. If you have a good idea for a symposium, please contact ***Nanduri R. Prabhakar, at Case Western Reserve University, Department of Physiology & Biophysics, 10900 Euclid Avenue, Cleveland, OH 44106-4970. Tel: (216) 368-8636; FAX: (216) 368-1693, or e-mail at nrp@po.cwru.edu.*** I would be happy to advise you on preparation of the symposium proposal.