We are happy to welcome you to attend the

**Scandinavian Physiological Society Annual Meeting**

*August 22-24, 2014*

*at Karolinska Institutet in Stockholm*

For registration & more information, visit the meeting website


---

**Registration & abstract dead-line May 30!**

We welcome both senior scientists as well as post docs and PhD students to contribute to the meeting by **submitting abstracts, deadline May 30**. Some of these will be **selected for an oral presentation**. The rest will be presented as posters with the chance of **winning a poster award**.

The meeting will be opened by a public lecture in the new Aula Medica at Karolinska Institutet by the famous Swedish astronaut **Christer Fuglesang** about his experience of physiology in space!

**Physiologists from all Nordic countries will attend** and we have active collaborations with several physiological societies around the world. Sessions are jointly organized with our sister societies in **Brazil, Italy, China and Japan**, which we believe will contribute to make this meeting exciting and fun.

We are also happy to announce several excellent keynote speakers who have accepted to come.

A welcome reception will be hosted by the Stockholm Town Council in the City hall, the place of the Nobel banquet. The social program also includes a guided tour followed by a dinner at the spectacular Vasa ship museum.

On behalf of the organizing committee,

Prof. Anders Arner and Dr. Cecilia Lövdahl

Department of Physiology & Pharmacology, Karolinska Institutet

Contact: [anders.erner@ki.se](mailto:anders.erner@ki.se) and [Cecilia.lovdahl@ki.se](mailto:Cecilia.lovdahl@ki.se)
Speakers and session themes

**PHYSIOLOGY IN SPACE – Public opening lecture**
Christer Fuglesang, Swedish astronaut, Royal Institute of Technology, Sweden

**Hippocampus and its input factors – A role for space & memory – plenary lecture**
May-Britt Moser, Norwegian University of Science and Technology, Norway

**PHYSIOLOGY IN THE EXTREME**
Cleo Leite, Federal University of Sao Paulo, Brazil
Luciane Gargaglione, University of Estadual Paulista, Brazil
Michael Axelsson, Gothenburgh University, Sweden
Tobias Wang, University of Aarhus, Denmark

**LONG-TERM PHYSIOLOGICAL ADAPTATION IN THE AUDITORY SYSTEM**
Richard Salvi, University of Buffalo, US
Andrej Kral, University of Hannover, Germany
Anna Magnusson, Karolinska Institutet, Sweden

**HYPOXIA - FROM NEWBORN TO ADULT**
Prof. Hugo Lagercrantz, Karolinska Institutet, Sweden
Nanduri Prabhacar, Brazil
Benedito Machiado, University of Sao Paulo, Brazil
Marianne Thoresen, University of Oslo, Norway
Sergio Cravo, Federal University of Sao Paulo, Brazil

**MOTOR CONTROL & MICROCIRCUITS**
Francesco Lacquaniti, University of Rome Tor Vergata, Italy
Leonardo Fogassi, University of Parma, Italy
Sten Grillner, Karolinska Institutet, Sweden
Gilad Silberberg, Karolinska Institutet, Sweden

**TASTE! – plenary lecture**
Göran Hellekant, University of Minnesota Duluth, US

**The evolution of the vertebrate cardiopulmonary system: a case study on the emergence of complex traits – plenary lecture**
Prof. James Hicks, University of California Irvine, CA, US

**CELLULAR ASPECTS OF EXERCISE**
Anna Krook, Karolinska Institutet, Sweden
Charlotte Ling, Lund University, Sweden

**PAIN PHYSIOLOGY**
Jens Schouenborg, Lund University, Sweden
Eija Kalso, Helsinki University Hospital, Finland
John Wood, University College London, UK

**NEW ADVENTURES IN THE VASCULAR WALL**
Lusiane M. Bendhack, University of Sao Paolo, Brazil
Paolo Tammaro, University of Oxford, UK
Sebastian Albinsson, Lund University, Sweden

**EXERCISE PHYSIOLOGY**
Niels Örtenblad, Institute of Sports Science and Clinical Biomechanics, Muscle Physiology and Biomechanics, Denmark
Robert Boushel, The Swedish School of Sports and Heath Sciences
Filip Larsen, Karolinska Institutet, Sweden
PERSPECTIVES ON TRANSMEMBRANE PROTEINS
Yoshihiro Kubo, National Institute for Physiological Sciences, Japan
Fusao Kato, Jikei University School of Medicine, Japan
Bryndis Birnir, Uppsala University, Sweden
Nanna Mac Aulay, Kopenhagen University, Denmark

PHYSIOLOGY & PHARMACOLOGY OF VISCERAL SMOOTH MUSCLE ORGANS
Susan Wray, University of Liverpool, UK
Karl-Erik Andersson, University of Aarhus, Denmark
Karen Mc Closkey, Queen’s University Belfast, UK
Anders Arner, Karolinska Institutet, Sweden

KIDNEY PHYSIOLOGY
Jennifer Pollock, University of Alabama at Birmingham, AL, US
Christopher Wilcox, Georgetown University Medical Center, Washington DC, US
Robert Frithiof, Uppsala University, Sweden
Fredrik Palm, Uppsala University, Sweden

NEW PHYSIOLOGICAL ROLES FOR KNOWN TRANSMEMBRANE PROTEINS
Anita Aperia, Karolinska Institutet, Sweden
Guiscard Seebohm, University of Muenster, Germany
Lene Nejsum, Aarhus University, Denmark
Martin Nybo Andersen, University of Copenhagen, Denmark

ATRIAL FIBRILLATION
Torsten Christ, University of Hamburg, Germany
Molly Maleckar, Oslo University, Norway
Thomas Jespersen, University of Copenhagen

The future of Physiology - Grants & careers in academia & industry
David Eisner, University of Manchester, UK, president of FEPS - European Federation of Physiological Societies
David Pollock, The University of Alabama at Birmingham, AL, US, President of the American Physiological Society
Women in physiology
Susan Wray, University of Liverpool, UK
Granting opportunities

CALCIUM REGULATION IN MUSCLE
Susan Hamilton, Baylor College of Medicine, Texas, US
David Eisner, University of Manchester, UK
Pasi Tavi, University of Eastern Finland, Finland
Johanna Lanner, Karolinska Institutet, Sweden

SLEEP & NARCOLEPSY
Torbjörn Åkerstedt, Karolinska Institutet, Sweden
Markku Partinen, The Sleep Clinic, VITALMED, Finland
Fang Han, Peking University People’s Hospital Beijing, China
Birgitte Rahbek Kornum, Molecular Sleep lab. Glostrup Hospital research Institute, Denmark