

## «Think integrative, think ZIHP!»

The ► **5th ZIHP symposium** on August 28, 2009 was – as in the previous years – a well-frequented opportunity for a get-together of basic researchers and clinicians whom the central location at the University Hospital Zurich facilitated an escape from their tight schedules.

The ZIHP was proud to have all new members of the Scientific Advisory Board there, four of them gave the keynote lectures. Prof. François Mach, a cardiologist from the Geneva University Hospital, started with a comprehensive overview on the key role of inflammation in atherosclerosis and the possibilities of modern imaging techniques to detect its development already in the precursor stages. Inflammation was also a major topic in the talk of Prof. Joachim Fandrey from the University of Duisburg-Essen on the linkage of oxygen sensing and oxygen homeostasis with the immune processes during inflammation. In the afternoon, Prof. Alan N. Schechter from the Molecular Medicine Branch of the National Institutes of Health in Bethesda, USA, talked about the free radical NO, its physiological functions and therapeutic implications for vascular diseases. Finally, Prof. Olivier Devuyst from the UCL Medical School in Brussels introduced his research topic with a historical reference to Zurich: The landmark concept on the composition of biomembranes was developed and published by Charles Overton in Zurich more than 100 years ago.

Between the keynote lectures, short presentations were given by junior researchers of the ZIHP. Fortunately, in more than half of them results from one of the current 16 ZIHP-funded cooperative projects were presented. The scientific and didactic standard of the presentations was high, the decision whom to award the prize for the best presentation was not easy: Congratulations to Stephan Wüest from the Division of Pediatric Endocrinology and Diabetology of the University Children's Hospital Zurich!

In the Dick & Davy foyer more than 100 posters provoked intensive and „hot“ discussions, due to the very warm weather and an insufficient ventilation of the foyer – we apologize for the latter. A dedicated jury of junior researchers elected the best four posters. Congratulations to the awardees Davide Germano, Pavani Mocharla, Jan A. Ehses and Sarah P. Loughran!

A big thank you to all participants for their active contributions and intensive discussions. Or as the ZIHP chairman Max Gassmann said in his address of welcome: Think integrative, think ZIHP!

► **See some photos of the symposium.**

**Date of next year's symposium: August 27, 2010**

## New – ZIHP Lunch Seminar at the University Hospital Zurich

This semester the ► **ZIHP Seminar** is scheduled as a lunch seminar at the University Hospital Zurich, on Tuesdays as before.

12:00 - 12:30 h Snack, 12:30 - 13:30 h Talk

September 22, 2009

► **Hypoxia signaling in cardiac growth and metabolism**

Dr. Jaya Krishnan, Institute of Cell Biology and Center of Competence for Systems Physiology and Metabolic Diseases, ETHZ

October 06, 2009

► **The intestinal innate immune system: TOLLerate or NOD?**

Prof. Gerhard Rogler, Clinic for Gastroenterology & Hepatology, USZ

October 20, 2009

**Erythropoietin down-regulates threat processing in biomarker models of antidepressant drug action in healthy and depressed individuals.**

Dr. Kamilla Miskowiak, Department of Psychiatry, Copenhagen University Hospital, Rigshospitalet, Copenhagen

► **More ZIHP Lunch Seminars...**

## Inaugural lectures of ZIHP members

September 19, 2009

► **Neue Therapieoptionen bei Zystennieren**

PD Dr. Andreas Serra, Clinic for Nephrology, USZ and Institute of Physiology, UZH

September 26, 2009

► **The origins of gut feelings**

PD Dr. Mark Fox, Clinic for Gastroenterology & Hepatology, USZ

October 3, 2009

► **Das kann einem an die Nieren gehen - Mechanismen erworbener Nephropathien**

PD Dr. Clemens D. Cohen, Clinic for Nephrology, USZ and Institute of Physiology, UZH

October 5, 2009

► **Grenzen kognitiver Kapazität - warum sind wir nicht klüger, als wir sind?**

Prof. Dr. Klaus Oberauer, Institute of Psychology, UZH

### Further events

September 21, 2009

► **Biology of Prion Diseases**

Prof. Adriano Aguzzi, Institute of Neuropathology USZ

September 30, 2009

► **Publication Ethics**

Talk and panel discussion. Organized by the Ethics Committee UZH, in collaboration with Life Science Zurich and the Department for Research and Academic Career Development UZH

October 5, 2009

► **Translational Multiple Sclerosis Research**

Dr. Jan Lünemann, Institute of Experimental Immunology, USZ

October 12, 2009

► **Targeted Tumor Therapies - Recent Progresses, Future Hopes**

Dr. Michele Bernasconi, Experimental Infectious Diseases and Cancer Research, University Children's Hospital Zurich

October 21, 2009

► **Höhenbergsteigen – wann sind Medikamente angesagt?**

Prof. Marco Maggiorini, Department of Internal Medicine, USZ. Interdisziplinäre Ringvorlesung "Berge"

### Press review

► **Warum wir Affenhirne brauchen**

Umstrittene Experimente: Der Standpunkt des Zürcher Wissenschaftlers und ZIHP-Mitglieds Kevan Martin. Tagesanzeiger, 17. September 2009

### New member of the ZIHP

► **Dr. Jyrki Eloranta**, Division of Clinical Pharmacology and Toxicology, USZ as junior member (expertise "Nutrition: digestion, absorption and regulation" in topic C / Milieu intérieur/Homeostasis).

### Recent publications

Achermann P: EEG Analysis Applied to Sleep. Epileptologie 26: 28-33, 2009

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Böni-Schnetzler M, Boller S, Debray S, Bouzakri K, Meier D, Prazak R, Kerr-Conte J, Pattou F, Ehses JA, Schuit FC, Donath MY: Free Fatty Acids Induce a Pro-inflammatory Response in Islets via the 1 abundantly expressed Interleukin-1 Receptor I. Endocrinology, 2009

Busque SM, Wagner CA: Potassium restriction, high protein intake, and metabolic acidosis increase expression of the glutamine transporter SNAT3 (Slc38a3) in mouse kidney. Am J Physiol Renal Physiol 297 (2): F440-50, 2009

Cohen CD, Kretzler M: Genexpressionsanalysen an Nierenbiopsien/Gene expression analyses of kidney biopsies. Pathologe 30 (2): 101-4, 2009

Cohen CD: Will non-coding RNAs help to decipher renal allograft failure? Nephrol Dial Transplant 24 (8): 2325-7, 2009

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Ghezzi C, Murer H, Forster IC: Substrate Interactions of the Electroneutral Na<sup>+</sup>-Coupled Inorganic Phosphate Cotransporter (NaPi-IIc). J Physiol [Epub ahead of print], 2009

Handschin C: The biology of PGC-1alpha and its therapeutic potential. Trends Pharmacol Sci 30 (6): 322-9, 2009

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#### Imprint

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