

SOCIETY FOR HISTOCHEMISTRY

NEWSLETTER 2008

The year of the 50st Symposium of the Society:

“Histochemistry and Microscopy for Cell Biology and Pathology”

Interlaken, Switzerland
October 1-4, 2008

website: www.sfh.unizh.ch

and

13th Congress of the International Federation of
Societies for Histochemistry and Cytochemistry

“Imaging of Cell Dynamics”

Gdansk, Poland
August 23-27, 2008

website: www.ichc2008.org

Dear members of the Society,

There are some important milestones in the life of every society which should be remembered and some of the crucial points in the Society history will be celebrated in 2008. This is why I would like to start with a few words from the history of the Society.

The life of the Society for Histochemistry began in 1952 when a small group of young pathologists and anatomists interested in histochemistry met at the University of Marburg for the first „Symposium“. Since then, the Society has organized Symposia on a regular basis, always connected with most interesting topics that advanced the current science. There have been 49 Symposia so far, and the anniversary 50th Symposium will take place 1-4 October, 2008 in Interlaken, Switzerland. I am sure this will be very interesting Symposium as the published preliminary program promises.

This year Symposium is also connected with thanking to Prof. Juergen Roth as he is -unfortunately for the Society- moving close to his retirement. Under J. Roth and D. Drenckhahn as Editors-in-Chief, the journal “Histochemistry” became in 1992 the official journal of the Society, and this made the Society much more visible in the scientific community. As you probably noticed, the journal -since then renamed to “Histochemistry and Cell Biology”- celebrates its 50th anniversary, and special topic issues published in 2007 and 2008 mark this anniversary.

The society board decided three years ago to continue the mission of the society under the heading “providing a platform for talents”. Four leading topics were named that appear at each of the current symposia: molecular tracing in living cells, functional microarchitecture of cell and tissues, advanced detection methods in microscopy, and molecular methods in pathological specimens. Since then, two very successful meetings have been organized with participation of many young scientists and students, thus proving the correctness of the chosen direction. I am therefore convinced that the future of the society looks promising as well, and we have many exciting symposia ahead.

In conclusion, I would like to wish you all the best in 2008, and I look forward to meeting you at the future events of the society.

Yours sincerely,

Pavel Hozak



The Society for Histochemistry is an European Society with a world-wide membership that provides a platform for histochemists and cytochemists to stimulate new developments in the techniques and application in life sciences, particularly in human pathology. The Society was founded in 1952 and in 2008, the 50th Symposium of the Society will be held.

Robert Feulgen, a German chemist (1884-1955) who developed the first DNA staining method, is the patron of the Society. He can be considered to be the first histochemist. The Society awards a Robert Feulgen prize each year for an outstanding achievement in the field of histochemistry and cytochemistry. It is particularly meant for the scientists that are in the first part of their career. Also for 2008, applications for the prize are welcome. See the website of the Society for details.

Furthermore, at each symposium a Robert Feulgen lecture is given by an established histochemist who has been important for the field. The 2008 lecturer is Kuniaki Takata, Maebashi, Japan. The list of Feulgen Prize winners and lecturers in the past are in this Newsletter and the website. A detailed history of the first 50 years of the Society can also be found on the website.

The Society is a platform for histochemists and cytochemists but especially for young talents. The last symposia were very well attended by young histochemists. Approx. half of the participants were at the beginning of their career.

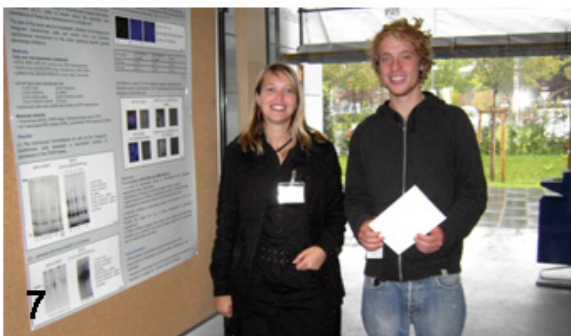
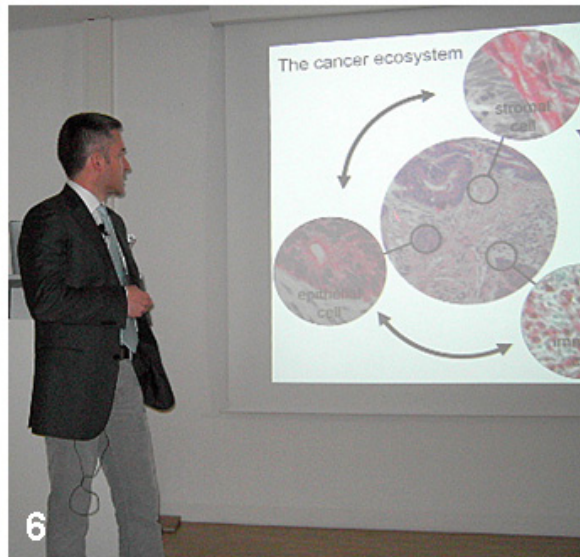
The Annual Symposia of the Society are relatively small and an excellent opportunity to make new contacts and to maintain old ones. Some 100-200 participants attend each year. For example, the 49th Symposium in Freiburg was attended by 160 scientists and was an ideal mixture of young talents and established histochemists. The title was: "A Platform for Talents" and that is exactly what it was. Most sessions were pathology-oriented and it is fascinating to see how histochemistry is developing and how pathology profits from these developments. Hands-on workshops were organized as well on microdissection, microarrays, tissue arrays, and live cell microscopy. All workshops were overbooked, showing their importance as part of the Society's symposia.

Martin Werner and his crew did a wonderful job as organizers of the 49th Symposium. An impression of the symposium is shown here. The photographs have been made by Jean-René Grezers. Thanks a lot, Jean-René!

This years' symposium, the 50th, will be held in Interlaken, Switzerland, October 1-4. Juergen Roth and Fred Bosman are the organizers. The symposium will give an overview of (almost) all important new developments in histochemistry and microscopy and should not be missed by anyone who likes to be taken seriously in these disciplines.

The symposia of 2009 and 2010 will be organized by Paul Debbage in Innsbruck, Austria and by Pavel Hozak in Prague, Czech Republic.

Impressions from Freiburg 2007





Society for Histochemistry

Gesellschaft für Histochemie

It is worth being a member!

The Society for Histochemistry (Gesellschaft für Histochemie) is a non-profit association of scientists interested in the field of histochemistry .

The aims of the Society are:

- Advancement of histochemical methodology and new developments in the field by organizing high-quality sessions at symposia where top scientists present their latest findings
- Stimulation of contacts between the novice and the more experienced young scientists on the one hand and the celebrities on the other
- Creation of a platform where the young scientists can present their data and expose themselves to the top players in the field
- Association with the top journal in the field of histochemistry "Histochemistry and Cell Biology"
- Organization of workshops where specific methodology is exposed step by step to help young histochemists to apply valid methods and techniques
- Stimulation of the development of new approaches in histochemistry such as live cell cytochemistry, nanoparticles and single molecule cytochemistry

For the forthcoming symposia of the Society the following topics have been selected:

1. tracing molecules in living cells
2. functional micro-architecture of cells and tissues
3. light-microscopic molecular detection
4. molecular methods on pathological specimens

The symposia of the Society are organized around a specific hot topic every year with special attention to methodological aspects. Besides, symposia have satellite workshops on specific methodological topics, which are predominantly meant to help students and young scientists to extend their histochemical knowledge.

Benefits for members:

1. Prestigious prizes, awards and stipends as well as competitive student packages for attending symposia of the Society.
2. Personal subscription to the Society's official journal "Histochemistry and Cell Biology" *at only ten percent of the regular rate*. Based on the ISI-impact factor, "Histochemistry and Cell Biology" is *the* leading journal in the field.
3. Interactions with senior scientists resulting in multiple career opportunities. Selected top scientists in the field can be met and contacts and discussions with them are encouraged in the informal atmosphere of the symposia.
4. Symposia are conveniently scheduled (usually in September) at reasonable prices.
5. Besides oral presentations by top scientists in the field, the program of the symposia allows for selected presentations on the basis of submitted abstracts.
6. "Free communications" and presentation of posters receive ample attention at the symposia and are considered to be important elements of the symposia.
7. Access to the "members only" section of the Society's highly informative homepage (www.sfh.unizh.ch).
8. Annual Newsletter for members only.
9. An annual membership fee of only € 25, which includes a € 25 reduction of the registration fee for the symposia of the Society.

Further information:

Please visit our homepage (see above) and/or contact a member of the board at the annual meeting or via e-mail:

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Can you really afford not to be a member?

Preliminary Scientific Program

50th Symposium of the Society for Histochemistry

Lindner Grand Hotel Beau Rivage
Interlaken, Switzerland
October 1 – 4, 2008

“Histochemistry and Microscopy for Cell Biology and Pathology”

Robert Feulgen Lecture by K. Takata, Gunma University, Maebashi, Japan

Histochemistry and Cell Biology Lecture 2008 by W. Baumeister, MPI for Biochemistry, Martinsried, Germany

Scientific Sessions

Advances in Imaging Techniques

Invited Speakers: W. Baumeister, MPI for Biochemistry, Martinsried, Germany;
Jennifer Lippincott-Schwartz, NIH, Bethesda, MD, USA; B. Studer, University of Berne, Switzerland

Membrane Traffic I (ER, Golgi)

Invited Speakers: H.-P. Hauri, Biozentrum, University of Basel, Switzerland;
A. Luini, S. Maria Imbaro (Chieti), Italy

Membrane Traffic II (Endocytosis)

Invited Speakers: Judith Klumpermann, Utrecht University, The Netherlands;
L. Pelkman, ETH Zürich, Switzerland

Cellular Defence Mechanisms

Invited Speakers: M. Schrader, Universidade de Aveiro, Portugal;
J. M. Robinson, Case Western University, Cleveland, OH, USA

Cells and Tissues

Invited Speakers: W. Kummer, University of Giessen, Germany; K. Schilling, University of Bonn, Germany;
T. Fujimoto, Nagoya University Graduate School of Medicine, Japan

Nuclear Structure and Function

Invited Speakers: T. Misteli, NIH, Bethesda, MD, USA; U. Scheer, University of Würzburg, Germany

Molecular Histochemical Techniques in Pathology

Invited Speakers: A. Walch, University of Munich, Germany; T. Sata, NIID, Tokyo, Japan

Cell Migration and Metastasis

Invited Speakers: P. Friedl, University of Würzburg, Germany; W.J. Weninger, Centenary Institute for Cancer Medicine and Cell Biology, Newtown, Australia; A.J. Ewald, UCSF, San Francisco, USA

Poster Sessions

Oral presentations will be selected from abstracts.

Industrial Exhibition of latest microscopy products and reagents

Workshops will be offered covering topics such as 3D FISH, Quantitative immunohistochemistry/TMA through virtual slides and mRNA expression profiling from paraffin embedded tissues.

Deadlines

Pre-registration – July 11, 2008

Abstracts – September 1, 2008; Young Scientist's Travel Stipends – July 11, 2008

Further information: Homepage of the Society for Histochemistry: www.sfh.uzh.ch
Prof. Jürgen Roth, Univ. Zurich (juergen.roth@usz.ch), Prof. Fred Bosman, Univ. Lausanne (fred.bosman@chuv.ch)

13th Congress of the International Federation of Societies for Histochemistry and Cytochemistry, ICHC2008

organized by Polish Society for Histochemistry and Cytochemistry

Imaging of Cell Dynamics

This exciting Congress held every four years will focus on new and developing techniques in the fields of microscopy, immunocytochemistry, and cell biology.

The program of the ICHC2008 will consist of plenary lectures, numerous symposia, poster sessions, and practical workshops. More than 50 excellent speakers from many countries have already confirmed their participation in the Congress.

August 23-27, 2008

Medical University of Gdańsk, Poland

Organizing Chairpersons

C.J.F. van Noorden (Amsterdam)

Z. Kmiec (Gdańsk)

Plenary Speakers

Peter Friedl, Wuerzburg University, Germany

Jeff Lichtman, Harvard University, USA

Joseph A. Madri, Yale University, USA

J. Paul Robinson, Purdue University, West Lafayette, USA

Carsten Schultz, EMBL, Heidelberg, Germany

Plenary Sessions

New microscopies: real-time, greater resolution, and no staining

Cellular tomography: 3D reconstruction of cellular function

Progress in quantum dots and new fluorescent proteins

ImageStream technology

Advances in automated cell identification and classification

Imaging of intracellular traffic and signaling

Visualization of gene regulation

Optical recording in cell imaging

In situ proteomics

Imaging apoptosis

Live cell interactions in immune system

Live cell visualization of cancer progression

In vivo whole animal imaging

Molecular visualization in cell pathology

New Laser Capture Microdissection techniques for modern pathology

Microwave oven technology for histochemistry and histopathology

New methods for histochemical analysis of lipids and lipid structures

Stem cells: Identification of phenotype and kinetics in blood and tissues

Visualization of extracellular matrix in vivo

Imaging of nerve cell function in central and peripheral nervous systems

Endothelial cell function and angiogenesis in normal and pathological tissues

Endocrine system of the skin: an update

Visualizing pathways of feeding regulation

Pre-Conference Workshop

Modern techniques for cell sorting by flow cytometry

Registration: registration@ichc2008.org

Early Registration Deadline: February 29, 2008

For complete information on the Congress and workshop programs, registration, housing, and abstract submission, visit:
www.ichc2008.org