INTERNATIONAL FEDERATION OF SOCIETIES FOR HISTOCHEMISTRY AND CYTOCHEMISTRY

NEWSLETTER
January 2017
MESSAGE FROM THE IFSHC PRESIDENT
Serap Arbak, Ph.D.

Dear Colleagues,

I would like to extend my sincere wishes to all of our members for a very happy and healthy 2017 and a peaceful world.

I would like to inform you about the preparations for ‘15th International Congress of Histochemistry and Cytochemistry-ICHC 2017’ to be held in Antalya, Turkey, in May, 18–21, 2017.

The Congress program has been finalised with a considerable number of plenary and invited speakers in the field of Histochemistry and Cytochemistry. This includes one keynote, 9 plenary and 36 invited lectures, 21 scientific sessions - including society-sponsored and journal-sponsored sessions-, David Glick Lecture, Paul Nakane Prize and 2 poster sessions. Special sessions: “Let seniors share their expertise with juniors” and “Young Histochemists Awardees” will be held. Young Histochemist Award (IFSHC); Best Poster Awards and Best Micrograph Award will be presented to the applicants. Workshops and Social mixing environment - just before the start of the Congress - for young congress participants will be organized during lunch time on May 18, 2017. A sponsored company-based exhibition will be held during the congress. Welcome Reception & Gala Dinner, Pre- and post- congress tours are among the highlights of the social programme. We would like to wish you an interesting and successful ICHC 2017 with lively discussions in a stimulating scientific atmosphere.
As always, in order to establish a strong communication network among our members, as IFSHC Executive Board, we are looking forward to hear about recent activities of your societies including information regarding your future scientific meetings. We always appreciate your strong support for IFSHC.

Please do not hesitate to contact me if you will have further questions for IFSHC or ICHC 2017.

I am looking forward to meet you in ICHC 2017.

Best wishes,

Serap ARBAK

MESSAGE FROM THE IFSHC SECRETARY-GENERAL, Zbiegniev Kmiec, M.D.

I would like to start this first Newsletter of 2017 by wishing all the IFSHC members a happy, healthy and successful New Year.

The by-gone year, 2016, was a difficult one for citizens of many countries, and the IFSHC has not been also exempted from the effects of turbulent political events. For these reasons the ICHC 2016, originally planned for June, has been postponed and moved to a much quieter location in Antalya on the Aegean sea coast to be held on May 18-21, 2017. I hope to meet many of you at the International Congress of Histochemistry and Cytochemistry 2017. I am sure that the coming ICHC 2017 will prove to be a successful scientific conference enriched by many surprising cultural discoveries.

As you will see from the reports of the Member Societies, many of them are highly active. I shall be pleased to receive reports about your recent news including upcoming scientific meetings, courses etc. from your societies. All this information will provide an efficient network supporting an increasingly interconnected community. In this Newsletter you can read about the activities of the international and national societies, members of our Federation which were sent by their Officers. For your convenience, the conferences of the member societies planned for the year 2017 have been additionally listed at the end of this newsletter.

Furthermore, I would like to encourage your society to use the IFSHC website at www.ifshc.com. Here we can announce information about your upcoming scientific activities for the years 2017 and 2018. Your constructive suggestions will stimulate exchange of ideas in order to optimize the use of our website.

I wish you all the best in 2017 and hope to see you soon at ICHC 2017 in Antalya.

Zbigniew KMIEC
MESSAGE FROM THE IFSHC TREASURER,
Hinke Multhaupt, Ph. D.

Thanks to all the societies who have so promptly paid their dues. I can report that the finances of the International Federation are sound. For those of you who have not yet paid the dues, please send your subscriptions to the Nordea Bank using the following information:

    Nordea Bank
    1023 Helsinki-Meilahhti
    Tukholmankatu 2
    00250 HELSINKI
    FINLAND
    **Account number** 102335-111070
    **IBAN** FI 6510233500111070
    **BIC** NDEAFIHH
    Account holder: IFSHC

I hope that all member societies who have paid their dues will send a voting delegate and a Young Histochemist to ICHC2017 in Antalya, Turkey.

If there are any questions regarding the finances of the IFSHC, please contact me by e-mail, or perhaps in Antalya.

I look forward to meeting everyone in Antalya for our meeting.

I wish you all a healthy and successful 2017.

Best regards,

Hinke **MULTHAUP**T
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2016 Society Activities:

• 2016 Program at Experimental Biology hosted by ASIP, April 2016. *The 3D Brain: From diffusion MRI to Ultrasounds* with featured speakers Van J. Wedeen and Kwanghun Chung along with a JHC Lecture *Multiscale Optical Imaging of the Living Brain* featuring Elizabeth Hillman. HCS hosted a society business meeting and award reception as well as an exhibit booth and council and JHC editorial board meetings. HCS presented Vector and Lillie Awards along with several Travel Awards. A slide show of the 2016 events is available [HERE](#).

• HCS Capstone Grants is a new program led by the Education Committee and provides grants to undergraduate students. The inaugural year provided awards to 3 students. [Read here](#) for more details.

• Providing several awards to attendees of the HCS Sponsored MBL course on Immunohistochemistry and Microscopy Short Course.

• Launched a newly designed [website](#) with enhanced visibility and features for members.

• Transitioned administrative services to FASEB and actively participated in several FASEB Member Society activities including the Science Policy Committee and general FASEB Board activities.

• Transitioned to Stephen Hewitt as new journal Editor-in-Chief replacing John Couchman and initiated several new ideas for the publication.

2017 Plans:

• An expanded representation at the Experimental Biology Conference with an ASIP hosted session titled *Imaging signaling in vivo -- from cell biology to animal models* featuring Kurt Anderson, Roberto Weigert, and Irina Larina. JHC Lecturer Jin Zhang will be speaking on *Illuminating Biochemical Activity Architecture of the Cell* and a new workshop hosted by the American Association of Anatomists (AAA) on *Reproducibility in Experimental and Preclinical Research* with featured speakers Charles Frevert, Denis Baskin, Yvonne Reid, and Stephen Hewitt. HCS will also hold their annual award reception and business meeting and provide several merit based awards for travel and presentation recognitions. See the full program [HERE](#).
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- Pursue several Strategic Plan initiatives to enhance membership representation and communications.
- Continue to explore educational outreach opportunities in the community
- Support the growth and quality of the society’s journal, JHC.

**IFSHC Board Representation:**
HCS wishes to request representation of the society formally on the IFSHC board in the interest of building stronger communications and future joint programs and initiatives. HCS is currently identifying a member to act as the HCS representative in 2017 and will inform IFSHC leadership once an individual is named.

**2020/2024 Proposal:**
HCS supports the planned proposal to hold the 2020 meeting in Prague and also would be pleased to offer their support in any way needed for the 2020 conference. Pending the appointment of an HCS representative on the IFSHC board, HCS would like to submit a proposal to host the 2024 conference

Jennifer S. Holland  
HCS Executive Director  
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**ROYAL MICROSCOPICAL SOCIETY**  
[www.rms.org.uk](http://www.rms.org.uk)

2016 has been a year of celebration for the Royal Microscopical Society. Our Journal of Microscopy reached a milestone of 175 years of publishing and we welcomed the brand new network for electron microscopists, EM-UK.

To mark the 175th anniversary of the Journal of Microscopy, we hosted celebratory receptions and workshops at some of the year’s largest microscopy events including M&M and emc2016. Together with Wiley, our Scientific Editors selected and compiled some of the most influential papers from some of the great microscopists over the last 175 years to create a special anniversary issue. More information and the free virtual issue can be found at [www.rms.org.uk/journal-of-microscopy-is-175](http://www.rms.org.uk/journal-of-microscopy-is-175).

EM-UK launched with an inaugural meeting in Rothamsted. This first EM-UK meeting was organised to gauge interest from the community, and to assess where the hot topics for future discussions lie. It became apparent that there is a great amount of enthusiasm for this network, and a number of topics relevant to all disciplines attracted discussion, including practicalities of facility management (in particular charging for instrument time), career progression and training opportunities.

Future EM-UK meetings will present an opportunity for members to get together and talk about issues that influence their working lives.
In August we welcomed the International Light Sheet Microscopy Conference to the UK for the first time at the University of Sheffield. This was an incredibly busy event with the conference and exhibition enhanced by hands-on workshops and round table discussions enabling a huge number of topics and developments to be discussed across the 4 days. The main focus of this year’s conference was applications. This proved to be very interesting for some seasoned light-sheet exponents, who discovered how this powerful technique has been put to scientific use in models ranging from Arabidopsis to zebra finch (not –fish, although there was plenty of that too), answering dynamic biological questions that could not be answered with any other live imaging technique.

2017 for the RMS is set to get off to a great start with the second EM-UK Meeting on 13 January. This will be a meeting for EM Facility Managers, bringing together those from both academia and industry, allowing for discussion, networking and future planning for EM facility managers.

Looking further ahead, our mind immediately focuses on mmc2017, our flagship event which will return to Manchester, UK from 3 – 6 July. This will bring together a number of popular meetings including Frontiers in Bioimaging which will be hosting sessions entitled:

- Bespoke light microscopy for molecular level imaging
- Advances in labelling for super-resolution microscopy
- Advanced light imaging for addressing longer length scale biological questions
- Developing super-resolution methods for functional insight

Following this, the popular super-resolution workshop will be taking place in Leeds on 7 July which will discuss current challenges in developing and using super-resolution microscopy.

In September, the Abercrombie meeting will return after its 5 year break and for 2017 will address the key, exciting new findings and emerging approaches in the study of cell migration across a range of biological contexts, both in vitro and in vivo.

You can find out more about the RMS and our events at www.rms.org.uk

Further information on the RMS and an up-to-date events calendar can be found at www.rms.org.uk
Activities of the Czech Society for Histo- and Cytochemistry in 2016:

12th Symposium and Workshop of Molecular Pathology and Histo(cyto)chemistry was organized in June 2-3, 2016 in Olomouc, Czech Republic. The workshop „Immunohistochemistry – Theory and Practice“ was held in November 2, 2016 in Hradec Králové. Workshop included basic principles in immunohistochemistry including direct and indirect methods at light, fluorescent and electron microscopic levels, antigen retrieval, and system of controls, which were followed by practical demonstration of critical steps in laboratory. The afternoon section was devoted to advanced applications in immunohistochemistry and covered simultaneous detection of several antigens, signal conversion and signal amplification.

Plans for 2017
Morphology 2017 that includes 54th Lojda Symposium in Histochemistry will be held from 10 to 12 September 2017 in Pilsen, Czech Republic. Detailed information is available on website http://www.morphology2017.cz/.

DSCH - 40 years Jubilee 2016

Celebration of DSCH’s 40 years jubilee in connection with scientific meeting covering “HPV disease prevention: Screening & vaccine”. The jubilee was celebrated with a large reception (100 participants) and


DSCH - coming meetings for 2017


Lung tumours and new immunotherapy treatments - April/May 2017
General Assembly - 6. April 2017
Brain tumours - Autumn 2017
In the year 2016, two meeting have been organized by the Italian Society for Histochemistry.

The symposium “Nuclear structure and dynamics, through the microscopes” was held in Pavia on July 7-8, jointly organized with the Italian Society of Microscopical Sciences (SISM): the lectures were focused on the functional organization of the cell nucleus in different natural and experimental models, with special emphasis on the most recent histochemical approaches at light and electron microscopy. The proceedings of this symposium have been published in the open-access Journal, Microscopie (http://www.pagepressjournals.org/index.php/microscopie/article/view/6311).

The workshop “Small is beautiful: nanovectors for biomedical research and therapy”, was held in Milan on November 10, jointly organized with the Istituto Lomardo Accademia di Scienze e Lettere. The e-book containing the workshop articles will soon be available at the web site http://www.ilasl.org/index.php/Incontri/search/titles.

The Society also organized a workshop on “Correlative and super-resolution microscopy” (Pavia, February 4) in collaboration with Nikon and Jeol companies, and a theoretical and practical course for the PhD programs of Veterinary and Animal Science (University of Milan) on “Digital imaging and image integrity in scientific publications” (Milan, May 9-13, 2016).

The 62nd Congress of the Italian Society of Histochemistry will be held in Messina (Sicily), in September 2017.

The information on this meeting and other Society’s activities for the year 2017 will be available at the webpage http://www.istochimica.it
The 41st Technical Seminar of the Japan Society of Histochemistry and Cytochemistry was held in Sendai, Miyagi on August 3 – 5, 2016.

The 57th Annual Meeting of the Japan Society of Histochemistry and Cytochemistry was held in Mitaka, Tokyo on September 3 – 4, 2016.

2016 Award Recipients:

Young Investigator Award:

Kazuya Shiogama (Department of Pathology, Fujita Health University School of Medicine)

Acta Histochemica et Cytochemica (AHC) Awards:

Department of Anatomy and Molecular Histology, Interdisciplinary Graduate School of Medicine and Engineering, University of Yamanashi.

Division of Surgical Oncology, Department of Translational Medical Sciences, Nagasaki University Graduate School of Biomedical Sciences.

Department of Materials and Life Sciences, Faculty of Science and Technology, Sophia University.
At least 200 scientists participated in the Symposium, which was subdivided into 8 plenary sessions including ‘Session of young Scientists’ and 2 poster sessions with 76 posters. Apart from the high scientific level, the Symposium was also a social success thanks to the efforts of the local organizers (Professor Piotr Dziegiel with his team). The abstracts of the Symposium have been printed and were available at the website of our society.

Every year during the Symposium an annual meeting of the Polish Society’s is being organized. During this meeting President of the Society, Professor Piotr Dziegiel presented issues related to society development directions, existing and planned collaborations and scientific conferences calendar were discussed. Lot of attention has also been devoted to the editorial policy of the Society’s journal – FHC. Professor Zbigniew Kmiec received the special diploma in Latin announcing him a honorary member of the Polish Society. The General Assembly of the Society elected a new Board. For the next 3 years it will be led by experienced histochemists from the University of Warmia and Mazury (Olsztyn, Poland): Professor Mariusz Majewski, the President, Professor Agnieszka Bossowska, the Secretary and Dr. Krystyna Bogus-Nowakowska, the Treasurer. Two Vice-Presidents were also elected: Professors Piotr Dziegiel (Wroclaw) and Michal Zmijewski (Gdansk). Currently, the Polish Society has 370 Members (including 39 Honorary and Emeritus Members) organized in 12 local branches in country’s leading academic centers. The main way of activity of the local branches is to organize short scientific meetings with invited speakers form inland and abroad.
In the year 2017 the Polish Cytochemical and Histochemical Society will held its 51st Symposium entitled “Tissues, Cells, Genes” from 12 to 15 September 2015 in Warsaw (Poland). We cordially invite you to participate in our Symposium. Further information will be given on website http://pthc2017.kongresy.com.pl/.

TURKISH SOCIETY FOR ELECTRON MICROSCOPY
www.temd.org

In 2016, periodic scientific meetings (with international participations) of the Turkish Electron Microscopy Society have been organized in 7 different microscopy centers of Turkey.

Turkish Society for Electron Microscopy is one of the ‘Organizer Societies’ of ‘13th Multinational Congress on Microscopy’ which will be held during 24-29 September, 2016 in Rovinj, Croatia (www.mcm2017.irb.hr).

Preparations for ICHC 2017 Antalya is going on and a booth to promote the congress has been booked in EMC 2016 Lyon Congress.

Next “16th National Congress of Electron Microscopy (with international participation) will be organized in May 19-21, 2017, Antalya Turkey (www.emk2017.com).

The Congress Organizing Committee is very enthusiastic to welcome all IFSHC members in ICHC 2017 with an excellent scientific programme.
THE EVENTS TO BE ORGANIZED BY THE IFSHC MEMBER SOCIETIES IN 2017

The Histochemical Society will be present at HCS/EB2017 Annual Meeting in Chicago, IL, USA, April 22 - April 26th, 2017. The HS will host the session titled Imaging signaling in vivo -- from cell biology to animal models featuring Kurt Anderson, Roberto Weigert, and Irina Larina. JHC Lecturer Jin Zhang will be speaking on Illuminating Biochemical Activity Architecture of the Cell. A new workshop hosted by the American Association of Anatomists (AAA) on Reproducibility in Experimental and Preclinical Research will be organized with featured speakers Charles Frevert, Denis Baskin, Yvonne Reid, and Stephen Hewitt. See the full programme at http://histochemicalsociety.org/Meetings-and-Courses/Histochemistry-2017/Program.aspx.

Czech Society for Histo- and Cytochemistry organizes symposium Morphology 2017 that includes 54th Lojda Symposium in Histochemistry will be held from 10 to 12 September 2017 in Pilsen, Czech Republic. Detailed information is available on website http://www.morphology2017.cz/.

The Japan Society of Histochemistry and Cytochemistry will held the 42nd Technical Seminar of the JSHC in Maebashi, Gunma on August 2 – 4, 2017. The 58th Annual Meeting of the Japan Society of Histochemistry and Cytochemistry will be held in Toon, Ehime on September 23 – 24, 2017.

Italian Spociety of Histochemistry will organize its 62nd Congress in Messina (Sicily), in September 2017. The information on this meeting and other Society’s activities for the year 2017 will be available at the webpage http://www.istochimica.it

Polish Cytochemical and Histochemical Society will held its 51st Symposium entitled “Tissues, Cells, Genes” from 12 to 15 September 2017 in Warsaw (Poland). We cordially invite you to participate in our Symposium. Further information will be given on website http://pthc2017.kongresy.com.pl/.

The Royal Microscopical Society will held its flagship event, mMicroscience Microscopy Congress, in Manchester, UK from 3 – 6 July 2017. Moreover, the second EM-UK (Electron Microscopy network) will have its second Meeting on 13 January 2017.

ICHC 2017
15th International Congress of Histochemistry and Cytochemistry
May 18-21, 2017
Antalya, Turkey

www.ichc2017.com