



January 2025

INTERNATIONAL FEDERATION OF THE SOCIETIES FOR HISTOCHEMISTRY AND CYTOCHEMISTRY

website: www.ifshc.com

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Message from the IFSHC President
PAVEL HOZAK, Ph.D.



Dear colleagues,

As we close 2024, I would like to take a moment to express my gratitude to all of our member societies for their ongoing commitment to histochemistry and imaging. Your enthusiasm, energy, and dedication have been vital to the success of the Federation, and we are incredibly thankful for your continued involvement.

This year, we made significant strides in advancing the Federation's presence. One of the most important developments has been the progress toward officially registering the Federation in Italy. This milestone brings with it a range of benefits, including greater legal credibility, protection, and financial stability. We are also optimistic that it will open doors to funding and grants that will further support our collective work in histochemistry, cytochemistry, and imaging.

In addition, we are excited to announce the decision that has been made by the board to adopt a new name for our Federation: **International Federation of Societies for Histochemistry and Imaging (IFSHI)**. With the new name and a registered office in Italy, we will be in a strong position to engage not only new members but also former members of the IFSHC who may not have been active in recent years. We hope this will encourage them to reconsider their membership and rejoin our community.

As we move forward, we will soon be finalizing new bylaws, which will mark another important step in our growth. None of these achievements would be possible without the continued support and active participation of our member societies.

One of the key highlights of 2025 will be the **17th International Congress of Histochemistry and Cytochemistry**, which will be held in Rimini, Italy, from **August 27–30, 2025**. This will be an exciting opportunity for us to gather as a community and share the latest advancements in our fields. I would like to take this moment to express our thanks to **Prof. Roberta Di Pietro**, President of the Italian Society for Histochemistry, for her exceptional efforts in organizing this important event.

Once again, thank you for your dedication to the IFSHC and we look forward to seeing you in Rimini. Wishing you all a successful and prosperous 2025.

With best regards,

Prof. Pavel Hozak, IFSHC president

Message from the IFSHC Secretary-General

TOYOSHI FUJIMOTO, M.D., Ph.D.



Dear Colleagues,

I hope this Newsletter finds you all well.

This coming summer, we will gather at ICHC2025. The last meeting, ICHC2022, took place in Prague during the lingering effects of the COVID-19 pandemic. This time, however, we can look forward to enjoying the beautiful setting of Rimini, Italy, without significant health concerns. I hope many of you will join us to enjoy science together. Please make plans to attend ICHC2025 (see Preliminary Timetable on the Italian Society page of this Newsletter).

Regarding ICHC2025, I would like to share two important announcements. I kindly ask the officers of Member Societies to review these carefully and ensure timely submission of nominations.

Two Important Announcements for ICHC2025

1. Nomination of the Next IFSHC Executive Committee Members:

During the delegate meeting at ICHC2025, the next Executive Committee members will be elected.

- Per Article V, Section 2 of the IFSHC Statute: "The Committee of Delegates shall elect each member of the Executive Committee of the IFSHC by a simple majority vote. Member societies should submit the name(s) of up to five (5) nominee(s) to the Secretary-General at least three (3) months in advance. No person may serve more than one term as President or more than two terms as Secretary, Treasurer, or Member."
- As the delegate meeting is scheduled for August 27, 2025 (the first day of ICHC2025), the deadline for nominations is May 27, 2025. Please email me (t.fujimoto.xl@juntendo.ac.jp) the names of up to five (5) nominees by this date.

2. Nomination of Young Histochemist Award recipients:

Each Member Society is entitled to nominate a promising "Young Histochemist" for a grant to support attendance at ICHC2025, provided the nominee is under 35 years of age at the time of the congress.

- According to the IFSHC By-Laws, nominations should be submitted at least six (6) months before the congress. Recognizing that this early deadline may pose challenges for some Member Societies, nominations will still be accepted after this date but no later than July 27, 2025 (one month before ICHC2025).

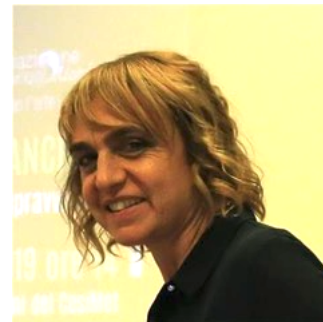
I wish you all a happy and fulfilling year and look forward to seeing you in Rimini.

Best regards,

Toyoshi Fujimoto

Message from the IFSHC Treasurer

ROBERTA DI PIETRO, M.D., Ph.D.



Dear Colleagues,

first, I wish to thank all the member societies for financially supporting the activities of the IFSHC. As you know, for the societies with less than 100 members the annual fee is 100 €, whereas for the societies with more than 100 members the annual fee is 200 €. It is up to each society to pay their dues annually, every 2 years or every 4 years prior to the ICHC Meeting. The annual dues from the member societies are used for the Paul Nakane and the David Glick awards, and most importantly, for the “Young Histochemist” awards which are paid during the ICHC Meeting. Please be reminded that only those societies who pay the annual dues in full are entitled to send a voting and a non-voting Delegate and nominate a Young Histochemist to award in the forthcoming ICHC which will be held at the ***PalaCongressi of Rimini, Italy, between 27 and 30 August 2025***. The Delegate assembly is scheduled on August 27 in the afternoon. I do hope that all the member societies who supported the Federation during these years will be able to join us in Rimini to make this event unforgettable for everyone.

Second, I can say with no doubt that the finances of the International Federation are in very good health so that we can hypothesize to undertake further initiatives in favor of senior or junior researchers. During 2024 we worked to ***officially register IFSHC in Italy*** with the new name of ***International Federation of the Societies of Histochemistry and Imaging (IFSHI)***. Once registered, the new society will be able to open an official bank account in Italy with currency in €. Pending further bureaucratic steps to accomplish the whole procedure, we have adopted an interim Italian bank subaccount entitled to the Italian Society for Histochemistry to allow IFSHC members to make all payments in €.

Thus, for those of you who have not yet paid their dues, please send your subscriptions to this **interim account**:

Account holder: Italian Society for Histochemistry

Bank: UniCredit

Account number: 000105713431

IBAN: IT 30 C 02008 77341 000105713431

SWIFT/BIC: UNCRITM1781

Please remind to ***mention “IFSHC”*** in all your payments reasons so that we can keep clearly separated the Italian account from the IFSHC subaccount.

I do appreciate your understanding and cooperation.

Please do not hesitate to contact me at the email r.dipietro@unich.it if you have any questions related to financial issues.

With my best wishes for a healthy and peaceful 2025!

Roberta Di Pietro



Czech Society for Histo- and Cytochemistry

Activities of the Czech Society for Histo- and Cytochemistry in 2024:

Morphology 2024 and 60th Lojda Symposium on Histochemistry was held in Telc, Czech Republic, September 8-10, 2024. At the opening ceremony, the prize for the best publication was awarded to two young histochemists. Czech Society for Histo- and Cytochemistry & BARIA Award in 2024 was awarded to Karolina Bretova (Department of Anatomy, Masaryk University Medical Faculty, Brno) and Katerina Koubova (Department of Histology and Embryology, Palacky University Medical Faculty, Olomouc). Symposium programme included the topics of using histochemical and immunohistochemical studies in Neurosciences, Molecular and Cell Biology, Oncology, Stem Cells, and Experimental Morphology. Symposium was attended by 112 participants.

Plans for 2025

Morphology 2025 which includes 61th Lojda Symposium on Histochemistry will be held in Olomouc, Czech Republic, from September 7 to 9, 2025.

Histochemical Society Report to the International Federation of Societies for Histochemistry and Cytochemistry HCS 2024 Annual Meeting



This year, The Histochemical Society (HCS) celebrated two distinct events as part of our annual meeting activities. In October, a dedicated HCS contingent traveled to Gunma, Japan to participate in the Japan Society for Histochemistry and Cytochemistry's annual meeting. This opportunity enabled HCS representatives to engage in lively discussions, exchange innovative scientific ideas, and contribute to the global network of histochemistry and cytochemistry professionals. The collaboration with the host society was particularly meaningful, as it strengthened bonds between HCS and its international counterparts and fostered new opportunities for cross-cultural scientific exchange.

In November, HCS hosted a highly successful virtual annual meeting, providing a platform for the community to come together from across the globe. This event highlighted the contributions of the society's members, with special recognition given to our merit awardees. HCS leaders discussed key organizational updates, reviewed the society's strategic initiatives, and engaged in dialogue about the future direction of the organization. The virtual format proved to be an effective way to bring together a broad audience, ensuring accessibility for members who could not attend in person.

HCS Award Program

HCS remains steadfast in its commitment to supporting the next generation of scientists while honoring the remarkable achievements of senior researchers. The HCS awards program is designed to recognize excellence across all stages of a scientific career, from promising trainees to distinguished leaders in the field. In 2024, the society had an unprecedented level of engagement, with more young scientists than ever applying for travel awards and research grants.

Our increased support for trainees underscores HCS's dedication to fostering professional development and scientific growth. We were able to fund a wide array of educational opportunities, including workshops, conferences, and courses, further extending the reach of histochemical research and techniques. The society's diverse array of award programs encourages current and potential new members, to actively participate in society-sanctioned events. By providing funding for attending and presenting at scientific meetings, these awards help members gain visibility and build important networks within the scientific community.

Awards are available on a rolling basis, with more specific opportunities regularly listed on the [HCS website](#). We encourage all interested members to explore these offerings and apply for the award programs to help advance their careers in histochemistry and cytochemistry.

ABRCMS



In November, HCS leadership attended the Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS), held in Pittsburgh, Pennsylvania. This unique event brought together over 7,000 undergraduate students, providing a unique opportunity for them to connect with experts in biomedical research. HCS hosted a booth in the exhibit hall drawing hundreds of students eager to learn more about the society's offerings, including our travel awards and grant programs.

One of the highlights of the event was a well-received session led by Sally Davis, HCS President, on the topic *"Building Your Influence Network."* This interactive

session, which focused on strategies for cultivating professional networks and navigating academic career paths, attracted a large and engaged audience. Sally's insights received enthusiastic praise, and the session made a positive impact on the attending students, many of whom were eager to apply the discussed and practiced concepts at the conference and to their own research careers.

The HCS team found the undergraduate attendees' energy and enthusiasm to be invigorating. It reaffirmed our society's mission to support the growth of diverse voices in the scientific community. We look forward to returning to ABRCMS next year, where we will continue to offer guidance, networking opportunities, and resources to help shape the careers of the next generation of researchers.

For more information about events, awards, or the society, contact: Kendra LaDuca, HCS Executive Director, kladuca@histochemicalsociety.org





Activities of the Italian Society of Histochemistry (SII) in 2024

The Italian Society of Histochemistry (SII) is actively engaged in academic activities under the leadership of Professor Roberta Di Pietro, the current President of the Society belonging to the University of Chieti-Pescara, Italy.

Throughout 2024, the Executive Board of SII, together with the Scientific Committee, the Organizing Committee, the Ble&Associates Organizing Secretariat, and the Italian Exhibition Group, have been working tirelessly to organize the forthcoming **17th International ICHC meeting**, which will be held at the **PalaCongressi of Rimini from 27 to 30 August 2025**. Strategically positioned halfway between the north and south of Italy and as part of an extensive network of transport links, Rimini is easy and convenient to reach both from Italian destinations and from abroad. The city, with its blend of history and modernity, will provide an ideal environment to foster the exchange of ideas and networking among researchers, clinicians, and students from across Italy and beyond.

The Board of SII has dedicated significant effort to identifying and contacting prestigious researchers to serve as keynote and invited speakers for this important event. With a focus on ensuring a high-caliber scientific program, the team has successfully formulated a comprehensive agenda that includes plenary sessions, workshops, thematic panels, and poster sessions addressing the latest advancements in histochemistry and cytochemistry applied to medicine, biology, nanotechnology and artificial intelligence.

The 17th International ICHC meeting will offer an unparalleled opportunity for networking, collaboration, and the exchange of knowledge among experts from around the globe. All member societies of the IFSHC have been actively reached out to define and expand the congress program. The involvement of IFSHC member societies is highly encouraged and appreciated, and we warmly invite interested societies to contribute by organizing and/or chairing workshops or sessions and by submitting abstracts as posters or oral communications. Those interested in chairing sessions and workshops are welcome to contact the SII Secretariat at info@istochimica.it for further details.

Furthermore, the PalaCongressi will offer a huge exhibition area to companies interested in contributing their valuable knowledge and financial support. Of note, the SII announces a selection for the assignment of **participation prizes of € 500,00** for non-permanent members (master and PhD students, scholarship holders and research fellows) who are up to date with the payment of fees until 2025.

Preliminary information about the venue, travel and accommodation, awards etc. is available on the SII website <https://design.lascomedia.com/ichc-event/index.php>. The Congress website is under construction and will be launched soon.

Here we report the draft programme overview (next page).

Wednesday August 27 2025		Thursday August 28 2025		Friday August 29 2025		Saturday August 30 2025	
Time	Castello Room	Time	Castello Room	Time	Castello Room	Time	Castello Room
		8:45-9:30	PLENARY LECTURE <u>GRAZIELLA PELEGRINI (ITALY)</u> - title pending	8:45-9:30	PLENARY LECTURE <u>MARGARIDA BARROSO (USA)</u> - Antibody-to-imaging pipeline to monitor drug-target engagement in breast tumors	8:45-9:30	PLENARY LECTURE DAVID GLICK OR PAUL NAKANE AWARD
		PARALLEL SESSIONS		PARALLEL SESSIONS		PARALLEL SESSIONS	
		Castello Room	Arco Room	Castello Room	Arco Room	Castello Room	Arco Room
		9:30-11:00	Frontiers in Stem Cells and Regenerative Medicine <u>Florielle Gindrau</u> (FRANCE) - Human amniotic membrane potential for bone repair: from the lab to the clinic <u>Lars Klimaschewski</u> (AUSTRIA) Modulation of glial proliferation, neuronal survival and axonal regeneration by the signaling integrator SPROUTY <u>2 selected oral communications</u> From Histochemistry and Histopathology to Clinical Translation <u>Michelangelo Cordenonsi</u> (ITALY) - Unraveling the relationships between tumor cells and their microenvironment using high-resolution spatial transcriptomics <u>Claudia Giampietri</u> (ITALY) - Role of Schwann cells – cancer cells crosstalk in tumor progression <u>2 selected oral communications</u>	9:30-11:00	Advanced Research in Cell Death, Aging and Differentiation <u>Carmine Settembre</u> (ITALY) From bulk to selective: a journey into the physiological relevance of autophagy <u>Luigi Lenardo</u> (ITALY) Role of mitochondria metabolism and contact sites in cancer cell death and survival <u>2 selected oral communications</u> Omics, Morphology and Artificial Intelligence <u>Carlo Turchetti</u> (ITALY) - From cloud to bedside <u>Emmanuel Karteris</u> (UK) - Building a machine learning classifier to differentiate between ovarian cancer and healthy controls <u>2 selected oral communications</u>	9:30-11:00	Neurovascular Unit: from Structure to Pharmacological Targets (Joint Session with GISON) <u>Michele Pava</u> (ITALY) - Imaging EU and maladaptive plasticity in the CNS <u>Gabriele Di Santo</u> (ITALY) - The S100B Protein: a multifaceted pathogenic factor more than a biomarker and a potential therapeutic tool <u>2 selected oral communications</u> Nutraceuticals: New Pathways for Cellular Health Beyond Foods (Joint Session with SIBS) <u>Matteo Micucci</u> (ITALY) - The chemistry of nutraceuticals: driving health innovations and shaping new paradigms <u>Celeste Carriso Bavisotto</u> (ITALY) - Nanovesicular mediation of gut-brain axis by probiotics: in vivo and in vitro evidence <u>2 selected oral communications</u>
		11:00-11:30	Coffee break	11:00-11:30	Coffee break	11:00-11:30	Coffee break
		11:30-13:00	PLENARY SESSION Development, Validation and Application of Multiplex Immunohistochemical Assays <u>Giorgio Cattorelli</u> (ITALY) - From seeing to believing: a 43 years long journey in immunostaining <u>Peter Bence</u> (GERMANY) - Pathomics – a novel omics approach for histopathology <u>Andrea Radtke</u> (USA) Accelerating discovery together: a community approach to antibody validation and multiplexed imaging	11:30-13:00	PLENARY SESSION <u>Obad Medalla</u> (SWITZERLAND) - The mystery of intermediate filaments: structural perspective <u>Lucio Cocco</u> (ITALY) Domains and signalling pathways in the nucleus <u>Toyoshi Fujimoto</u> (JAPAN) Lipid droplets and nuclear lipid dynamics	11:30-13:00	PLENARY SESSION DAVID GLICK OR PAUL NAKANE AWARD Young Histochemist Awards Best Posters Awards Closing Ceremony
		13:00-14:00	Lunch break	13:00-14:00	Lunch break		
		14:00-14:30	Company presentations	14:00-14:30	Company presentations		
		14:30-16:30	PLENARY WORKSHOP From Animal Models to Animal-free 3D Cultures and Organoids <u>Saverio Alberti</u> (ITALY) - Animal models of metastatic cancer - advanced image analysis for dissection of driving signaling pathways <u>Mateja Erdani Kraft</u> (SLOVENIA) - The use of biomimetic 2D and 3D urothelial in vitro models with molecular, morphological and functional characteristics of normal and cancerous bladder tissue as an alternative method in preclinical studies <u>Maximilian Beichert</u> (GERMANY) - Leveraging organoid technologies to characterize dynamic tumor cell states driving treatment resistance in pancreatic cancer <u>2 selected oral communications</u>	14:30-16:30	WORKSHOP New Horizons in Flow Cytometry: Advances in Analyses and Characterization of Extracellular Vesicles (Joint Session with GIC) <u>Stefano Amalitianno</u> (ITALY) Flow cytometry for the analysis of micro/nanoparticles: current applications and challenges <u>Paola Lenzi</u> (ITALY) Labeling extracellular vesicles for high sensitive flow cytometry analyses <u>Iga D Zemanova</u> (ITALY) Flow cytometry in the development and characterization of preclinical tumor models based on the analysis of extracellular vesicles as candidate liquid biomarkers <u>2 selected oral communications</u> WORKSHOP Multilevel Imaging: the Future of Cyto/Histochemistry? ROBERT FEULGEN LECTURE <u>Roland Foisner</u> (AUSTRIA) - Lamins in nuclear organisation and chromatin regulation <u>Martin Strachan</u> (CZECH REPUBLIC) - Spatio-temporal organization of the super-enhancer structure in cancer cells <u>Sercin Karahuseynidoglu</u> (TURKIVE) - Advancements and Emerging Perspectives in Microscopic Imaging <u>2 selected oral communications</u>		
16:30-17:30	ASSEMBLY OF THE ITALIAN SOCIETY OF HISTOCHEMISTRY	16:30-18:00	Coffee break and Poster Session	16:30-18:00	Coffee break and Poster Session		
17:30-18:00	OPENING CEREMONY						
18:00-19:00	PLENARY LECTURE <u>ORNELLA PAROLINI (ITALY)</u> - Immunological mechanisms in regenerative medicine: a lesson from the human placenta						
From 19:30	Welcome Cocktail and Concert	From 19:30	Dolce Vita and Fellini Tour of the City	From 19:30	Gala Dinner		

Other activities undergone in 2024

Patronage:

- XXXVI National Meeting of Italian Group for Neuromorphology Study (GISN), Catania 22-23 November 2024 <https://www.gisn.it/convegni/xxxiv-congresso-gisn-2024-catania-22-23-novembre-2024>.
- 97° Meeting SIBS, Palermo 10-13 April 2025 <https://www.sibsperimentale.it/97-congresso-sibs-palermo-10-13-aprile-2025/>.

Plans for 2025

The President and the Executive Board of SII are eager to host scientists for the first time in Italy in the history of IFSHC in the occasion of the **17th International ICHC meeting** which will be held in **Rimini from 27 to 30 August 2025**. The President of SII, as the Treasurer of the IFSHC, together with the IFSHC President and Board are going to **officially register IFSHC in Italy** with the new name of **International Federation of the Societies of Histochemistry and Imaging (IFSHI)**. This change is aimed at making our Federation a legal entity, at enlarging the scientific content to involve new member societies and, finally, in acquiring a more manageable account with currency in euros.

After these two big efforts we will go ahead with the organization of the **First Widespread Theoretical and Practical Course of Conventional and Novel Microscopies**, Universities of Chieti-Pescara, Bologna, Ferrara, Genova, Milano-Bicocca (Italy).



Japan Society of
Histochemistry and Cytochemistry
Established 1959

Japan Society of Histochemistry and Cytochemistry

<http://jshc.nacos.com>



The Japan Society of Histochemistry and Cytochemistry (JSHC), established in 1968, celebrates its 65th anniversary this year. It builds on the legacies of the Japan Society of Histochemistry and the Society of Histochemistry, founded in 1960. The JSHC is a multidisciplinary organization comprising researchers from basic medical sciences like anatomy, physiology, biochemistry, and pathology, as well as clinical medicine, dentistry, pharmacology, and veterinary medicine. Its mission focuses on exploring biological phenomena through cellular and tissue morphology, analyzing nucleic acids, transcription factors, proteins, and intracellular organelles like membranes and mitochondria.

To uncover the essence of life phenomena, the society integrates morphological data with spatial and temporal localization of substances and visualizes their expression dynamics. Employing techniques such as in situ hybridization, immunohistochemistry, lectin histochemistry, immunoblotting, and PCR, JSHC combines these with advanced technologies like microscopy (optical, confocal, super-resolution), fluorescence imaging, and mass spectrometry to study scales from nano-levels to whole organisms.

JSHC also organizes annual workshops to disseminate histochemical and cytochemical methodologies, covering basic skills like tissue fixation and microscopy operation and advanced techniques such as antigen retrieval, tissue clearing, gene transfection, and AI-based pathology analysis. Since 1968, the society has published *Acta Histochemica et Cytochemica (AHC)*, now in its 57th volume, transitioning to an online format in 2006 and adopting a global submission system in 2020 to share research findings swiftly.

Japanese histochemistry has a rich heritage, marked by groundbreaking achievements such as the first histochemical method for detecting alkaline phosphatase (1939, Prof. Hideo Takamatsu) and the enzyme-antibody method (1966, Prof. Paul K. Nakane). JSHC remains committed to preserving this legacy and advancing the field. Your continued support is greatly appreciated.

This photo shows current President Prof. Hishikawa handing over the honorary membership award to former President Prof. Ozawa.



Yoshitaka Hishikawa
President, Japan Society of Histochemistry and Cytochemistry

65th Annual Meeting of the Japan Society of Histochemistry and Cytochemistry (JSHC) was held on October 26–27, 2024, at the Gunma University School of Medicine in Maebashi City, Gunma Prefecture. The theme of the meeting was “*Advancing Interdisciplinary Histochemistry and Cytochemistry.*”

The meeting was organized by Prof Toshiyuki Matsuzaki (right photograph), Gunma University. The event brought together researchers, technicians, and students from diverse fields dedicated to the development, application, and dissemination of histochemical and cytochemical methods. The program featured symposia, oral presentations, and poster sessions, fostering lively discussions. Additionally, in collaboration with the 49th Workshop on Histochemistry and Cytochemistry, the meeting offered reduced participation fees for workshop attendees and included a special mini-poster session where participants showcased the outcomes of techniques learned during the workshop. This session highlighted numerous high-quality presentations.



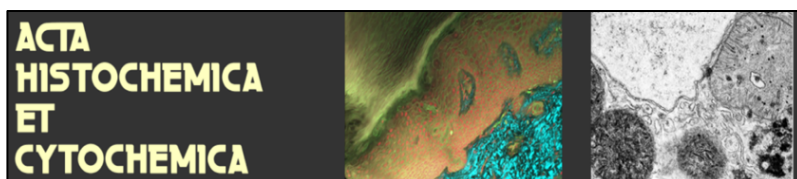
A notable feature of the event was a joint symposium with *The Histochemical Society* (USA), during which Japanese and American researchers shared cutting-edge findings and engaged in meaningful exchanges of ideas. Building on the success of this collaboration, there is hope to resume regular joint meetings between Japan and the United States.



The accompanying photos capture key moments: Dr. Yoko Nakanishi, an Executive Board Member, offering a toast during the society's reception, and participants from both nations engaging in discussions at the reception following the joint symposium.



Starting in 2023, Prof. Sohei Kitazawa of Ehime University took over as Editor-in-Chief of AHC from Professor Hishikawa, the current President. The AHC journal being accessed by a large number of readers around the world, its impact factor is on the rise (IF=1.857 in 2021 and 2.4 in 2022), indicating an increase in the publication of high-quality papers.





Polish Histochemical and Cytochemical Society

www.histochemia.pl

Throughout the year 2024 the Polish Society for Histochemistry and Cytochemistry held a number of meetings with prominent scientists in Regional Branches of the Society. These included an invited lecture on vitamin D in the skin by Prof. Andrzej Słomiński, MD, PhD, endowed professor of dermatology and professor of pathology of the University of Alabama at Birmingham, USA.

Another noteworthy activity was the participation of the Society's members in the EU Erasmus+ project entitled "Digital transformation of Histology and Histopathology by Virtual Microscopy (VM) for an innovative medical school curriculum (VM3.0)" (project webpage: <https://vm.projects.umfiasi.ro/>). The project resulted in formation of a virtual microscopy platform, containing 325 scanned histological and histopathological slides. Implementation of the project involved several meetings and conferences, including an on-line conference presenting the platform to Polish audience, in November 2024.

The Polish Society for Histochemistry and Cytochemistry publishes its official journal *Folia Histochemica et Cytobiologica*, which continues to increase its journal metrics (2023 Impact Factor of 1.7).

The last months of 2024 were spent organising the 56th Symposium of the Society, which will be held in May 2025 in Stare Jabłonki, Poland – we hope to see you there!

In the upcoming year, the Society will also extend its patronage over two scientific sessions: the Cytochemistry and Histochemistry session during the 16th Student Scientific Conference Advances in Biomedical Studies (Postępy w Badaniach Biomedycznych) and the Basic & Preclinical Science session during the 20th Warsaw International Medical Congress, both to be held in Warsaw, Poland.

RMS Report for 2025 IFSHC Newsletter

As we approach the end of 2024, the RMS can reflect on another action-packed year in which we delivered a wide range of high-profile events and a host of other activities in support of the microscopy, imaging and flow cytometry communities.

This year the Society hosted a total of more than 30 meetings, courses and conferences, covering all branches of microscopy, imaging and flow cytometry. We continued to offer a range of virtual and in-person events, with a view to making these as accessible as possible to a diverse, global audience. Guided by the RMS Corporate Advisory Board, the Society hosted a series of well-attended webinars in partnership with corporate member companies – an initiative we hope to build on next year. We also continued to host the Expansion Microscopy Meeting Series alongside our partners in North America and Australia.

This year's stand-out RMS event was elmi 2024 (The European Light Microscopy Initiative), held in Liverpool, UK, in June. It was the first time the Society had staged elmi as an in-person event since 2018, and once again the meeting lived up to its reputation as one of the most highly regarded in the microscopy calendar. We would like to thank all our attendees, sponsors and volunteers for supporting elmi2024 – as well as all our other events this year.



(left) The RMS staff pose for a picture at elmi2024, which took place in Liverpool in June.
(right) elmi2024 took place against the backdrop of Liverpool's iconic waterfront.

Throughout 2024 the RMS has been reaching out to partner societies and other organisations – both in the UK and internationally, by attending a wide range of non-RMS events as an exhibitor, and supporting other events through sponsorship. Notably, the Society took exhibition stands to emc2024 in Copenhagen and M&M 2024 in Ohio, USA, and exhibited for the first time at a number of UK-based events including the Advanced Materials Show and the Oxford Biomedical Imaging Festival. At the time of writing we are looking forward to hosting the Virtual European Flow Core Meeting 2024 in December. This will be the meeting's second instalment, and we hope to make this a regular annual fixture – enabling those working within the Flow community across the whole continent (and beyond) to come together, discuss shared challenges and learn from each other.

The Society continues to play a key role in supporting the careers of those working in microscopy, imaging and flow cytometry. In addition to our annual programme of courses covering all branches of microscopy, we now deliver a highly successful mentoring programme, offering both skills-based support and general mentoring opportunities. Meanwhile our Technical Specialist Job Shadowing scheme, hosted in partnership with BioImaging UK, took on its second cohort of participants in 2024, following a successful pilot scheme last year. As proud supporters of the [Technician Commitment](#), the Society also continues to offer technical [training subsidies](#) to support members of the technical community taking part in RMS training events. All these initiatives continue to deliver valuable professional experiences and support for RMS members and the wider microscopy community.

Earlier this year we were delighted to award Summer Studentships to six undergraduates completing microscopy-based projects. Together with our Microscopy Activity Kits for primary schools, and the Hitachi STEM outreach project bringing portable SEMs to secondary schools, these initiatives continue to offer valuable experiences to children and young people from primary to tertiary education. Our [Diploma programme](#) – the equivalent of a Masters Degree – also attracted new candidates in 2024.

Our flagship publication, [The Journal of Microscopy](#) (JoM), made great strides in 2024, with increased paper submissions and a growing proportion of papers published under 'Open Access' agreements between institutions and our publisher, Wiley. These enable authors to publish their work without any direct cost to them, and help bring Journal content to a wider audience. We hope to see these trends continue in 2025 and would encourage prospective authors to submit their papers to the world's oldest journal dedicated to the science of microscopy!

We were delighted to announce a number of prestigious awards this year, in recognition of outstanding achievements in microscopy, imaging and flow cytometry. These included our Science Section Awards (decided by each RMS Scientific Committee), Outstanding Achievement Awards, Early Career Award and the Chris Hawes Award for Outreach and Education. Congratulations to all our winners, about whom you can [read more on our website](#).

Finally, the RMS is looking forward to a very busy 2025 – in which we will be hosting the Microscience Microscopy Congress (mmc) 2025, as well as planning for IMC21, taking place the following year.

Please make sure to save the dates:

- mmc2025, Manchester, UK: 1 - 3 July 2025
- IMC21, Liverpool, UK: 28 August – 5 September

A very happy New Year to everyone from the RMS!





SOCIETY FOR HISTOCHEMISTRY

www.histochemistry.eu

In 2024 we had no Symposium of the Society for Histochemistry. However, we are well into planning the SfH-Symposium 2025 which will take place in the context of the 17th International Congress of Histochemistry and Cytochemistry in Rimini/Italy from August 27th to August 30th.

Topic of the SfH-session will be "Multilevel imaging - the future of cyto/histochemistry?"

We are happy to announce that Roland Foisner, Max Perutz Labs, Vienna/Austria will present the Robert Feulgen Lecture.

Preliminary title: "Lamins in nuclear organisation and chromatin regulation"



Furthermore, the Society for Histochemistry will issue the Robert Feulgen Prize, an award for scientists in their mid-career. In addition, the Society will support five young scientists with a travel award.

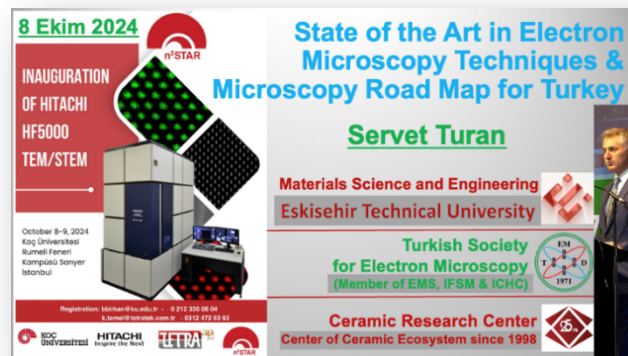
In addition, the SfH website (<https://www.histochemistry.eu/>) has been modernized and is now visually more current and accessible. While the content remains largely the same, the updated layout ensures a more user-friendly experience, keeping it up-to-date.

During 2024, 6 webinars both on biological sciences and material sciences has been organized by Turkish Society for Electron Microscopy.

Prof. Dr. Servet Turan President), Prof. Dr. Serap Arbak (Vice President) and Prof. Dr. Mehtap Kutlu (Secretary General) represented TSEM as delegates in the European Microscopy Congress (EMC2024) held in Copenhagen, Denmark on 25-30 August 2024. A considerable number of Turkish microscopists has participated to EMC2024.

During the General Assembly of European Microscopy Society (EMS) in EMC2024, TSEM President Prof. Dr. Servet Turan was reelected as a "Member of the Executive Board of EMS " for 2024-2028 Term.

The PhD student Hakan ŞENTÜRK (Istanbul University-Cerrahpaşa) has been granted by TSEM to participate to EMC2024 congress.



Prof. Dr. Servet Turan, President of TEMD, has delivered an invited speech at the workshop organized by HITACHI Microscopy Company at Koç University, Istanbul, October 2, 2024.

TSEM is one of the 10 organizing societies of 17th Multinational Congress on Microscopy (17MCM), which will be held in Portoroz-Slovenia on September 7-12, 2025. Prof. Dr. Servet Turan, Prof. Dr. Mehtap Kutlu, Prof. Dr. Serap Arbak and Prof. Dr. Halime Kenar are contributing to the congress as members of International Advisory Board and International Scientific Committee, as well as chairmans.



The next congresses of TSEM- **2nd International Microscopy and Spectroscopy Congress and 27th National Congress of Electron Microscopy**- will be held in Istanbul, Acibadem Mehmet Ali Aydınlar University, on September 25-27, 2025. The web page will be open soon.

