



YSF
European Society
for Biomaterials



European Society
for Biomaterials

YSF Newsletter - July 2025

Topics:

1. Message from YSF's Spokesperson
2. YSF events at ESB 2025 (Turin, Italy)
3. YSF call for projects 2025 – results summary
4. New National Chapter Representatives
5. YSF/ESB Picture contest
6. Follow our LinkedIn page

1. Message from YSF's Spokesperson

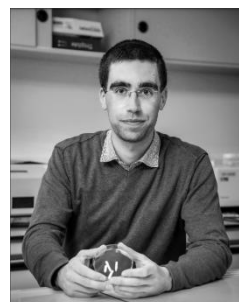
Dear YSF and ESB members,

The upcoming newsletter will discuss again many topics the YSF is involved in. First of all, the YSF events linked to the ESB 2025 conference in Turin. On Sunday, 7th of September, we will have an interesting YSF workshop linked to (1) Animal model replacements and (2) Communication to different audiences: linked to industry, clinicians, and academia. Tuesday, the 9th of September, there is the famous YSF Night Out at the Hiroshima Mon Amour, to allow networking with your fellow researchers, and do not forget to also join our YSF General Assembly. The next point will address the interesting organized events sponsored by our yearly YSF call for projects. Our networking is also growing further with two New National Chapter Representatives from Greece and Turkey. We have a new Picture of the Month, and if you check our Social Media, there is in the meanwhile even another one also launched. And finally, follow our new LinkedIn page where we post everything related to YSF and ESB.

Best regards,

Arn Mignon

(On behalf of the YSF board)



2. YSF events at ESB 2025 (Turin, Italy)



The upcoming ESB meeting in Turin will feature several initiatives for the Young Investigators, which include:

YSF Workshop – Sunday, September 7th

14:00 (CET) Part I: Animal model replacement

Speaker: Victoria Rabsiun Aramburu, Business Developer at BiomimX®, Milan, Lombardy, Italy

Title: Beating Organs-on-Chip to unlock clinically relevant human in vitro models

Speaker: Gosia Włodarczyk-Biegun, Head of Biofabrication and Bio-instructive Materials, Assistant Professor at Silesian University of Technology, Poland, and University of Groningen, The Netherlands.

Title: What it really takes: lessons from conducting, publishing, and funding research without animal models

Speaker: Augusto Vitale, Istituto Superiore di Sanità, Rome, Italy. Past president of IPAM (Italian Platform on Alternative Methods)

Title: IPAM, the Italian Platform for Alternative Methods: from dissemination to improved training and research

15:00 (CET) Part II: How to communicate to different audiences

Speaker: Elena Della Bella

Title: A perspective from Academia

Speaker: Luca Ambrosio

Title: A clinician's perspective

Speaker: To be Announced

Title: A perspective from Industry

15:40 (CET) Round table with open discussion

YSF General Assembly – Monday, September 8th, 18:15 – 19:15 (CET)

YSF night out – Tuesday, September 9th

Registration: Tickets can be purchased during registration. Make sure you register as soon as possible, as the tickets are limited and first-come, first-served.

Location: Hiroshima Mon amour (<https://hiroshimamonamour.org/>, walking distance from the congress venue)

The party: We'll offer drink vouchers and a flying dinner. Most importantly, this will be a great way to interact with your peers and make new connections! The program of the night will be disclosed soon on our social media.

3. YSF call for projects 2025 – results summary

The YSF-ESB Call for Projects is a yearly opportunity created by the YSF Board to support events and workshops that help young scientists develop their skills and share knowledge about biomaterials in Europe. This year, there was a total funding of 1,200 Euros available. We received six applications from countries across Europe, including Switzerland, Portugal, France, Poland, Italy, and a joint application from Spain and Portugal. However, one application was withdrawn before we finalized projects' evaluation.

We judged the applications based on several factors:

- How relevant and innovative the program theme was.
- Whether the proposed budget was reasonable for the number of participants and costs.
- How well different research groups collaborate in organizing the event.
- The potential impact or benefit the event would have on attendees.

After reviewing all the applications and the available budget, we decided to support the two projects that scored the highest. Call for Projects 2025 recipients are: **Claudia Martins** and the team consisting of: **Clara García Astrain, Nieves Cubo Mateo, and Andreia Trindade Pereira**.

Claudia Martins co-organized the "12th Galenus International Workshop: Bioengineering the Future of Drug Delivery," which took place on March 26th - 27th, 2025, at the University of Porto in Portugal. This event brought together experts from different places to share new ideas and work together on the latest advances in medicine and biomaterials. The workshop featured prominent speakers (e.g., Prof. Robert Langer, Prof. Miriam Breunig, Prof. João Mano) and provided opportunities for young scientists to present their work through talks and poster displays. There were also awards to recognize the best presentations, helping to support future leaders in this field. With the fee as low as €50, it was truly available to many early-career researchers. You can find more information on the event's website: <https://www.i3s.up.pt/event.php?v=324>.



Clara García Astrain, Nieves Cubo Mateo, and Andreia Trindade Pereira are planning the "Young Researchers' Activities" at the *XLVII International Congress of the Iberian Society of Biomechanics and Biomaterials* to be held November 6th – 7th, 2025 in San Sebastian, Spain. This event is designed to support early-career researchers. It offers mentoring from experienced scientists, networking activities to help young researchers meet others in their field, and travel grants to help those who might not otherwise afford to attend. The goal is to encourage young scientists, help them share their work, and build a friendly, collaborative community across different countries.



4. New National Chapter Representatives

New National Chapter Representative for Greece

Greek chapter of the YSF has now a new representative, Dr. Varvara Platania. She is a postdoctoral researcher at the Biomaterials and Tissue Engineering Lab (Prof. Maria Chatzinikolaïdou), Department of Materials Science and Engineering, University of Crete, Heraklion, Greece. Her research interests include biomaterials for bone, dental, and vascular tissue engineering and regenerative medicine. Since December 2022, she serves as an elected board member of the Young Scientist Forum of the Hellenic Society for Biomaterials (HSB).

I am a postdoctoral researcher with a PhD in Materials Science and Engineering, specializing in 3D bioprinting and biomaterials for bone and vascular tissue engineering. As a new representative in the Young Scientist Forum of the European Society for Biomaterials, I aim to foster meaningful connections between early-career researchers across Europe and promote collaborative, interdisciplinary research. I am particularly motivated by the translation of innovative biofabrication strategies into clinically relevant solutions.



New National Chapter Representative for Türkiye

Also, Turkish chapter of the YSF has now a new representative, Seyithan Kansiz. He is a PhD candidate and a research assistant at the Chemistry Department, Science Faculty, Ankara University. His research interests include regenerative biomaterials, rheological properties of hydrogels, 3D-bioprinting, tissue engineering, and nanotechnology. He is a member of the Biomaterials and Tissue Engineering Society (Türkiye) and the European Society for Biomaterials.



I am Seyithan Kansız, a PhD candidate at ElcinLAB and a research assistant at Ankara University. I am greatly honored to serve as the YSF National Chapter Representative of Türkiye. My research interests focus on the chemical design and functional modification of biomaterials to enhance their performance for specific biomedical applications. As part of YSF, my aim is to contribute to the effort of fostering collaboration among young scientists, increasing the visibility of early-career researchers from Türkiye, and supporting their active participation within the ESB community.

Finally, if you are from a country that does not have a representative yet (but does have a society affiliated to the ESB) or have an inactive one (list of all the reps can be found here: <http://www.esbiomaterials.eu/cms/content/ysf-representatives>), please contact Dr. Patrycja Domalik-Pyzik, National Chapters Liaison Officer (pdomalik@agh.edu.pl). Only together we can create strong community!

5. YSF/ESB Picture contest

Can your research be captured in an appealing scientific photo? You can now participate in our Scientific Image Competition! Each month, one will be selected to be presented **on the front page of the ESB website and on YSF social media (Twitter/LinkedIn)**, making your research more visible to the whole community.

Rules:

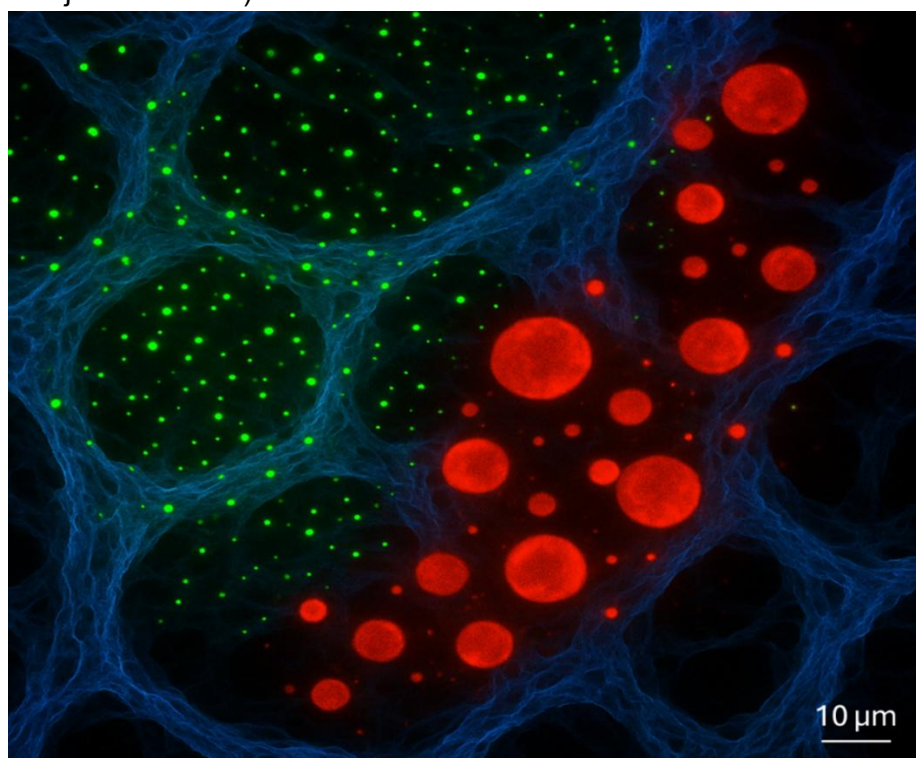
- applicants should be students, PhD candidates, postdocs, or technicians
- only one image per participant is allowed
- the subject matter of the competition images is very flexible, but it should reflect research in Biomaterials and/or Tissue Engineering
- editing is allowed but the image should depict a real “object”

- the entry must be sent by email as high resolution .tiff, .jpeg or .png file (ideally minimum resolution of 2 megapixel/200 dpi, if the instrument allows it)
- the entry must be sent together with the filled application form ([Image Competition form.docx](#)) to ysf@esbiomaterials.eu with a subject: **Picture Contest** (if needed, you can use a file transfer service to upload the photo e.g., WETtransfer / Surf Filesender)

*Each month the awarded image will be posted on the ESB website.

See also our YSF website at the events page where the contest is also announced.

Our selected picture of **June 2025** is a "**Nano-Galaxy: GQDs and Iron Oxide in Tumor Scaffold**" by Mohammad Suhaan Dar, PhD at the Vellore Institute of Technology (VIT) (Group leader: Dr. Niroj Kumar Sahu)



Short description: "This confocal-style composite image captures the hybrid integration of fluorescent graphene quantum dots (GQDs, green) and magnetic iron oxide nanoparticles (Fe_3O_4 , red) within a biomimetic hydrogel scaffold. Designed for a 3D in vitro tumor model, the structure mimics the extracellular matrix while enabling photothermal therapy and magnetic guidance. The distribution highlights nanoparticle retention and spatial arrangement within the porous hydrogel, emphasizing its potential for localized cancer treatment and real-time imaging. The artificial coloring enhances the visual appeal without altering the original signal."

Note: Image represents preliminary findings. Data not published.

Instrument used to produce the image: Confocal Laser Scanning Microscope (CLSM)

6. Follow our LinkedIn page

Get updated and/or start a conversation with our members! Looking forward to hearing from you!

Connect with us on LinkedIn! - <https://www.linkedin.com/company/ysf-esb>