



YSF

European Society
for Biomaterials

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1. Message from the YSF's Spokesperson



Arn Mignon
YSF Spokesperson

Dear ESB and YSF members,

There are a few important points on the agenda for this newsletter. We will start by explaining in more detail what we are organizing during the **ESB conference in Davos**. The program is now online, so be sure to check it out!

The YSF organizes the opening workshop on Monday 4th of September, with topics on shaping your CV in the AI era, transferring new biomaterials to medical devices and we have two editors from Nature talking about how to submit an article there and what it is to be an editor. On **Tuesday 5th of September**, we will meet at the **YSF General Assembly**, where we will present in more detail our activities from the past year. Young ESB members will have the chance to interact and share their opinions and ideas regarding our activities. Additionally, several **Education Awards** will be awarded to young scientists, including the Julia Polak European Doctorate Awards and Racquel LeGeros Awards. Wednesday's program will be finished by our **YSF night out**, which always promises to be a lot of fun with plenty of opportunities for interactions between old and new friends. We make sure there are some games and even perhaps a prize to win. And I have heard that some more tickets will become available soon as the first 200 tickets were already sold out.

Another very important announcement is the opening of a **new position** on the YSF board. Tom Kamperman, our industrial liaison officer, has decided that it is time for him to leave academia behind him and focus fully on his spin-off company. We extend our sincere gratitude for the valuable contributions he made during his time on the board and now invite potential candidates to seize this opportunity to join the **YSF board** for a four-year term. Further details you can find below.

We also still want to bring your attention to our **picture contest**, offering you an opportunity to bring your research to the front page of the ESB website and on our social media channels. Quickly have a look at what you need to do!

Thank you again for your support during all our activities, follow our social media channels and website so you are always up to date with the latest news of YSF.

And finally, we look forward to meeting many of you at the upcoming ESB Annual Meeting in Davos in September 2023.

Best regards,
Arn Mignon
(On behalf of the YSF board)

2. YSF ESB events at ESB 2023 - Davos

The program of the YSF events at ESB2023:



YSF Workshop at ESB2023 Davos

Monday, September 4 – 14:00-16:00 (CET)

14:00 YSF Workshop

YSF ESB Board officers Anna Puiggali-Jou, Nicola Contessi Negrini

1. Perspectives from Nature Scientific Editors

Abstract: My name is Aline Lueckgen and I am a senior editor at Nature Communications with a background in the development of biomaterials for bone regeneration. Within the journal's biotechnology team, I handle manuscripts on tissue engineering, regenerative medicine, drug delivery and biomedical devices. I look forward to connecting with the ESB community in Davos!

Speaker: Aline Lueckgen, Senior Editor at Nature Communications
Q&A to Speaker

14:25

Abstract: My name is Raghavendra Palankar, and I am the Associate Editor at Nature Nanotechnology. I am a Biochemical Engineer with a background in material sciences and technologies for single-molecule and single-cell manipulation with multidisciplinary training in basic and translational research.

Within the editorial team of Nature Nanotechnology, I handle a broad cross-section of manuscripts covering nanosensing, nano/micro-robotics, 3D/4D printing, bioelectronics, drug delivery platforms, DNA nanotechnology, synthetic biology that span all areas from nano to macroscales.

I am excited to be part of ESB2023 in Davos and looking forward to meeting and connecting with the community.

Speaker: Raghavendra Palankar, Senior Editor at Nature Nanotechnology
Q&A to Speaker

14:50

2. Navigating the AI Era: Shaping Your Profile for the Job Market

Abstract: Unleash the power of your professional profile in the AI era! Join us to discover practical strategies and learn how to leverage AI, highlight interdisciplinary skills, and fuel your innovative spirit to stand out and seize exciting career opportunities. Get ready to unleash your potential and shape a successful future!

Speaker: Stéphanie Kioutsoukis, Founder and CEO of Fresh Strategy, Biel, Switzerland
Q&A to Speaker

15:15

3. The stony road to transfer a new biomaterial into a medical device

Abstract: Based on an idea by clinicians, a new biomaterial had to be created to solve a clinical issue. Whereas development of the biomaterial was following the planned activities as learned at the University, the team had to accept soon that there is way more to providing a successful new product to the market than just developing a biomaterial. This talk will walk you through the hurdles which had to be overcome in order to finally have a successful product helping patients. The most important learnings will be shared.

Speaker: Kurt Ruffieux, Chief Executive Officer at Alivion, Zurich, Switzerland.
Q&A to Speaker

YSF ESB Board officers Arn Mignon, Paula I. P. Soares

15:40 Round table with open discussion

Tuesday, September 5 18:30-19:30 ESB-YSF General Assembly

Wednesday, September 6 20:15 - late YSF Night out

Registration: due to the high volume of request, we will add **additional 70 tickets** for the YSF night out (email will be sent out soon with indications on how to access the tickets).

Location: Berg restaurant Höhenweg (<https://bergrestaurant-hoehenweg.ch/>). The restaurant is located on the mountain at the ski piste at 2200 m high and is only reachable by cable car from the Parsennbahn station (location: Promenade 157, 7260, Davos Dorf).

Indications:

- Bus: you can take the bus from 'Davos Platz, Kongresszentrum' to 'Davos Dorf, Parsennbahn', bus nr. 301 and 304 stop at both stations (<https://www.sbb.ch/de/kaufen/pages/fahrplan/fahrplan.xhtml>)
- **The Parsennbahn cable car will be going up at a specific time and down at two specific times** (we will share in due time). **It is extremely important to be on time, if you miss the cable car, you won't be able to join the party!**
- The weather can be changeable and during the evening on the mountain it will be cold, so please bring a jacket

The party: you will receive 2x drink vouchers; tap water and flying dinner are included in the tickets. Extra drinks can be purchased at your own cost for CHF 5 (soft drinks, wine, beer) or CHF 10 (long drinks).

3. New Industrial Liaison Officer Needed

Call for application – ESB Young Scientist Forum (YSF) Board

One position in the ESB-YSF Board will open for elections: Industrial Liaison Officer.

Eligible as candidates are all Young Scientists, members of the ESB, **not older than 36 years** at the time of the application deadline (i.e., **15th of October 2023**). Only two mandates are possible, and a person can be re-elected if the age allows.

Here below you can find the general guidelines for the call and elections:

General considerations on ESB-YSF representative

All candidates should be aware that they are applying to a time-consuming and responsible position. Besides the specific position, the general intent of the YSF is to improve communication, career development, and networking between young scientists. Therefore, all the YSF board members are required to be highly interactive and not only restricted to their designated positions. Attendance of ESB congresses and additional meetings are required. Communication and interaction with the ESB board, via the ESB-YSF liaison officer, and ESB members is also a fundamental part of your responsibilities.

The structure of the current ESB-YSF can be found at:

<https://www.esbmaterials.eu/cms/content/ysf-representatives>

Election procedure

Candidates should indicate their present position (position, university, timeline) according to the attached application form-CV template. The candidate should have participated in the

previous ESB conferences and should be an ESB member. Besides their specific interest, all candidates must include the following general requirements:

Motivation: Fill this paragraph with your personal special intents, why you are keen to work in the young scientist forum

Possible Achievements: Fill this paragraph with your vision of the ESB-YSF and how would you like to contribute to it

Communication skills: List here your communication skills, networking, and spoken languages

Any other ideas/remarks: Any other aspect relevant to the call and elections

The application form-CV should **not exceed 2 A4 pages** and should include a **photo** of the candidate.

Applications **close on 15th of October 2023**. After that, elections and **voting** will be opened on **November 1st until November 30th** among ESB members. The successful applicant will be informed via E-Mail. Once nominated, he/she will start working as ESB-YSF new board member, including the organization of YSF events at the World Biomaterials Conference (May 26-31, 2024, Daegu, Korea).

Applicants should fill the attached application form-CV and send it by email to YSF official email (ysf@esbiomaterials.eu) and, in cc, to the YSF spokesperson and the YSF communication and dissemination officer (arn.mignon@kuleuven.be and pi.soares@fct.unl.pt) by **15th of October 2023**.

To Group Leaders and PIs: please, forward this to all interested Young Researchers in your group.

4. 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 image will be selected to be presented on the main 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., WETansfer / Surf Filesender)

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

See also our YSF website under 'Events&Activity' tab where the contest is also announced.

5. Stay tuned on Social Media

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/groups/8676375>

Twitter @YSF_ESB - Join the conversation!