



## Newsletter n.6

Dear ARBRE members,

In June, ARBRE will be present at the European South Atlantic Biophysics Congress **ESAB2024** in San Sebastian (ES) and at the **3<sup>rd</sup> MOSBRI** annual conference in Ljubljana (SLO), where our **annual general assembly** will also be hosted. ARBRE's GA will be hybrid as last year, please save the date: tuesday 11<sup>th</sup> June 2024 in the late afternoon.

Your participation is very important since it will be the end of the first round of mandates of ARBRE's governing boards.

As a reminder, I will be collecting all the wish-list and CV of those who would like to be involved for the next mandate (see the statutes online for more info), until June 6<sup>th</sup>.

All the candidatures will be presented at the GA in Ljubljana and then an **electronic vote** will be held the first week of July 2024.

A poll has been sent to anticipate your presence and help us organising the GA, but not everybody has replied. Here it is the link again:

<https://forms.gle/hNCg1cemWBg6DmtY7>

The Call for **COST ACTIONS** is open with deadline in October 2024: send an email to [info@arbre-biophysics.eu](mailto:info@arbre-biophysics.eu) to get involved to (re)start a new adventure.

Last, but not least, remember to **renew your annual registration fee** by bank transfer from wherever you are (even outside SEPA).

With my best wishes,

Adriana Erica Miele  
President of ARBRE

Lyon, April 10<sup>th</sup> 2024

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## Announcements

**Towards data FAIRness in molecular biophysics** – 7<sup>th</sup> & 8<sup>th</sup> November 2024  
Institute of Biotechnology of the Czech Academy of Sciences, Vestec near Prague

The focus is on the deposition of raw data from various techniques of molecular biophysics, in particular on the interoperability and integrative approaches. At this meeting researchers and users from various repositories and databases will present the latest developments in the resources and in how the resources can be used.

<https://www.mosbri.eu/events/meetings/dfmb2024/>

**Deadline** for registration (including abstract submission): **8<sup>th</sup> September** 2024  
Registration fees are as follows:

Regular	120 €
Student	90 €
Non-academic	160 €

Contact for Enquiry: [dfmb2024@mosbri.eu](mailto:dfmb2024@mosbri.eu)

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Registration is open for the **Workshop on Structural Biophysics** that will take place in the beautiful city of Bordeaux from October 14<sup>th</sup> – 18<sup>th</sup> 2024.

<https://biophysics2024.sciencesconf.org/>

This workshop proposes to make an inventory of the latest technological advances and provides a theoretical and practical training on the main techniques of structural biophysics. It also aims at introducing integrative methodologies.

- ⇒ AFM
- ⇒ EM and cryo-EM
- ⇒ X-ray
- ⇒ Solution and Solid-state NMR
- ⇒ Spectroscopy
- ⇒ Mass spectrometry
- ⇒ Molecular Modelling

It is a great opportunity for young scientists in the field!

Registration fees, including lunch and the Gala cocktail, are as follows:

FREE for CNRS employees (PhD / Postdoc / research scientist / engineer)  
PhD / postdoc non-CNRS: 300€  
Academics non-CNRS: 400€  
Industry: 1500€

**Deadline** for application **May 7<sup>th</sup>**.

Places are limited! Do not hesitate to spread the information around.

For questions, please contact the organizer:

Birgit Habentsein [b.habenstein@cbmn.u-bordeaux.fr](mailto:b.habenstein@cbmn.u-bordeaux.fr)

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Workshop: **Biophysical Methods for Protein Interactions**

**23<sup>rd</sup>-27<sup>th</sup> September 2024** – International Institute of Molecular and Cell Biology (IIMCB) in Warsaw, Division of Biophysics, University of Warsaw (PL)

<https://www.iimcb.gov.pl/en/news-press-office/2334-biophysical-methods-for-protein-interactions-workshop>

This workshop will review the strategies for using hydrodynamic and thermodynamic analytical methods to characterize biological macromolecules and their interactions in solution. We will discuss theoretical and practical aspects of sedimentation equilibrium and sedimentation velocity analytical ultracentrifugation (AUC), dynamic light scattering (DLS), isothermal titration calorimetry (ITC), surface plasmon resonance (SPR), and mass photometry (MP).

This workshop is aimed at researchers with at least basic experience in the applications of AUC, DLS, ITC, SPR/BLI, MP, and/or fluorescence techniques for the characterization of biomacromolecules.

Organizers:

Roman Szczepanowski, IIMCB

Beata Wielgus-Kutrowska, Warsaw University

Krzysztof Skowronek, IIMCB

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Very last minute call for participation to the **Course on Protein Quality Control** – University of Liège (BE) – 28<sup>th</sup>-31<sup>st</sup> May 2024

[https://www.cip.uliege.be/cms/c\\_12068241/en/course-on-protein-quality-control](https://www.cip.uliege.be/cms/c_12068241/en/course-on-protein-quality-control)

In 2021, the collaborative efforts of the ARBRE-MOBIEU and P4EU networks resulted in the publication of comprehensive guidelines for evaluating purified proteins in life sciences and medical trials (de Marco et al., 2021; Berrow et al., 2021).

The objective of this course is to familiarize participants with these guidelines for protein quality control and to provide an overview of the technologies essential for enhancing the accuracy and reproducibility of data obtained with purified proteins.

Very last minute applications should be sent to [amatagne@uliege.be](mailto:amatagne@uliege.be)

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## Job Announcements

Research Technician at the Human Technopole – Milano (Italy)

The Biophysics Unit of the National Facility for Structural Biology of Human Technopole, in Milano, is seeking to recruit a research technician who will actively participate in maintaining instruments and workflows, take part in scientific collaborations, and support internal and external users.

The Biophysics Unit manages equipment and provides service/support to researchers for biophysical characterisation of macromolecular samples, and the determination/characterisation of interaction affinities.

We are equipped with a state-of-the art equipment for ITC, BLI, MST, Mass Photometry, SEC-MALLS, nanoDSF measurements and are embedded in the Centre for Structural Biology of Human Technopole, lead by Alessandro Vannini and Gaia Pigino, and are part of the National Facility for Structural Biology, an integrative structural biology Facility comprising Cryo-EM, Biomass Production, Biophysics, Structural Proteomics and Single Molecule Dynamics Units.

More info and online application here:

<https://careers.humantechnopole.it/o/technician-senior-technician-in-biophysics>

**Deadline April 30<sup>th</sup> 2024.**

Come join us for the ride, and live in Milan, a thriving city which will be home of the Winter Olympic Games 2026!



**Architecture, Function and Dynamics in Life Sciences**

a European Doctoral Programme

A call is open to recruit 12 Doctoral Fellows in 4 Universities: Université Claude Bernard Lyon 1 (F); University of Granada (ES); Technical University Munich (DE); National Institute of Chemistry (SLO).

Choose your research project among the 22 proposed and be enrolled in this international, innovative, interdisciplinary doctoral network.

**Deadline on June 1<sup>st</sup> 2024.** Interviews at the beginning of July, 36-months contract starting in October 2024.

More info online at <https://cofund-archifun.univ-lyon1.fr>