



## Newsletter n.1

Dear ARBRE members,

on behalf of the Board of Directors and of the Management Committee of our young Association, I would like to thank you for the renewal of your subscription and also for having spread the news around you about the existence of this Association.

THANK YOU!

One year after the official start, the initiatives are still somehow lagging behind, but year 2023 announces quite interesting, as you will read below.

The working groups to which you have subscribed have just started to send surveys for involving people to the specific activities: stay tuned and participate to keep things "alive and kicking".

The website <https://www.arbre-biophysics.eu> is now visible and indexed in google, but we need your help to feed its content; if you would like to help us, feel free to contact [info@arbre-biophysics.eu](mailto:info@arbre-biophysics.eu).

We are going to issue a bimonthly newsletter, so if you would like to advert job positions/training courses/workshops/conferences, please send an e-mail and we shall place them in both the newsletter and the website.

Hoping to seeing you all in Lyon at the next hybrid general assembly!

With my best wishes,

Adriana Erica Miele  
President of ARBRE

Lyon, March 4<sup>th</sup> 2023

## Announcements

Official presentation of  
ARBRE and General  
Assembly (hybrid)

Interested in  
benchmarking/technology  
alert/GLP/SOP?  
1 day brainstorming on  
Molecular Scale Biophysics

Registration will open soon  
on ARBRE's website

June 15<sup>th</sup> 2023  
Save the date!

**ARBRE & MOSBRI**  
Co-organize the parallel  
session "Breakthrough  
Methods in Molecular  
Biophysics" @EBSA2023  
in Stockholm

Registration and abstract  
submissions are open on  
<https://www.ebsa2023.org>



Registration is open to the **2<sup>nd</sup> MOSBRI Scientific Conference in Zaragoza (Spain) June 5<sup>th</sup>-7<sup>th</sup>**. Register until April 30<sup>th</sup> to present and discuss your results with some of the best European biophysicists, international companies and young beneficiaries of free TNA to MOSBRI laboratories and instrumentation. **Up to 20 bursaries** are available to young investigators, which will cover registration and 2 nights staying. <https://www.mosbri.eu/events/conferences/zaragoza-2023/>

The conference is organized around 8 scientific topics:

- SESSION 1: Protein stability, quality control and standards
- SESSION 2: Redesigning Biomolecules to improve performance
- SESSION 3: Macromolecular interactions: kinetics and thermodynamics
- SESSION 4: Architecture of macromolecular assemblies, allostery and protein dynamics
- SESSION 5: Single molecule and time resolved analyses
- SESSION 6: Membranes and condensates
- SESSION 7: Molecular bioimaging
- SESSION 8: Computational approaches in biophysics

Are you new to Electron Paramagnetic Resonance (EPR) and you would like to learn about it?

This End-user short course organised by MOSBRI in Marseille (France) is for you: **ESC6. Practical School on EPR spectroscopy, 15<sup>th</sup>-17<sup>th</sup> May 2023**



Number of participants: 10

Deadline for application: 17<sup>th</sup> April 2023

Short description of the course:

At the molecular scale, EPR spectroscopy is the technique of choice to study paramagnetic species in proteins. These paramagnetic species can be either endogenous (such as metals cofactors or radicals) or grafted to the protein of interest. This spectroscopy offers a wide range of applications including studies of enzyme mechanism, electron transfers, protein dynamics, structural transitions, and protein-protein interactions. This short practical course is dedicated to beginners in EPR spectroscopy. It focuses on the use of different EPR spectrometers: from the classical ones (continuous wave, cw-EPR) to the most advanced ones (pulsed EPR, ENDOR, ELDOR).

Selected participants will receive financial support to attend the course, including a contribution to their travel, lunches, dinners, and 2 nights of accommodation.

What's the program? How to apply?

<https://www.mosbri.eu/training/end-user-short-courses/esc6/>