



ARBRE

ASSOCIATION OF RESOURCES FOR
BIOPHYSICAL RESEARCH IN EUROPE

NEWSLETTER

ISSUE 12 - June 2026

IN THIS ISSUE

- 01 Word of the president
- 02 Highlights
- 02 Events
- 03 News
- 04 Opportunities
- 05 Research

KEY DATES

7-11
SEP

Instruct-ERIC Course
Brno, Czech Republic

9
SEP

**European Mass
Photometry User Day**
Paris, France

16-18
SEP

Decoding Protein Function
Rome, Italy

12-13
NOV

2nd ARBRE symposium
Vienna, Austria

FOLLOW US & CONTACTS

 <https://www.arbre-biophysics.eu/>

 [@biophysics-arbre.bsky.social](https://twitter.com/biophysics-arbre)

 [ARBRE BIOPHYSICS](https://www.linkedin.com/company/ARBRE-BIOPHYSICS)

 newsletter@arbre-biophysics.eu

Newsletter editors:
Audrey Crousilles
Pierre Dorlet

**Membership & communication
working group chairs:**
Patrick England
Pedro Tavares

ARBRE president:
Adriana Miele

[Subscribe to the newsletter](#)

WORD OF THE PRESIDENT

Dear ARBRE Members,

Welcome to the first issue of our **redesigned newsletter**. This new format has been put together by the Membership & Communication Working Group, which is now taking over its coordination. I would like to thank in particular our editors-in-chief Audrey Crousilles (Vienna, Austria) and Pierre Dorlet (Marseille, France).

Our Working Groups have been active on several fronts. The Membership and Communication group kickstarted multiple communication activities (new website, poster, flyer, ...), while the Training & Scientific Meetings group tackles the preparation of new events for 2026-2027, spearheaded by the upcoming 2nd ARBRE scientific symposium.

I encourage you to stay tuned for upcoming announcements since our new website is now live and improved. ARBRE relies on the participation of its members to keep moving forward.

With my best wishes,

Adriana Erica Miele

HIGHLIGHTS

- **The new ARBRE website is now live** at <https://www.arbre-biophysics.eu/>. It has been developed by Chris Gaillard, independent web-designer based in Grenoble (France). The next step will be to develop an Intranet with plenty of useful features for ARBRE members.
- **Mark your calendar !** The 2nd ARBRE Symposium will take place in Vienna on 12-13 November at the Vienna BioCenter.
- **Kickstarting activities for ARBRE working groups.** The "Membership and Communication" and "Training and scientific meetings" working groups have organized online meetings in May and June to dive into their programs. Some achievements are already broadcast in this Newsletter !
- **Welcome to the 10 new members who joined us this May!!** ARBRE is happy to have welcomed new members from Belgium, Czech Republic, France, Ireland, Italy, Switzerland and the United Kingdom.

UPCOMING EVENTS

7-11 September 2026 - Instruct-ERIC Course on Calorimetric and Spectroscopic Characterization of Biomolecules

Brno, Czech Republic

Registration deadline: 28 June 2026

A 5-day long advanced training course focused on key biophysical techniques for studying biomolecular structure, stability, and interactions. The training will specifically take a deep dive on Differential Scanning Calorimetry, Isothermal Titration Calorimetry, Circular Dichroism, and Fluorescence Spectroscopy. The programme includes theoretical lectures and hands-on sessions for the participants to test already their own samples. Register and learn more [here](#).

9 September 2026 - 2026 European Mass Photometry User Day

Paris, France

Abstract submission deadline: 6 July 2026

A one-day joint Institut Pasteur/Refeyn meeting bringing together the mass photometry community with scientific presentations (opening talk by Prof. Philip Kukura), roundtables, posters, and networking opportunities with fellow MP users and the Refeyn team. Register and learn more [here](#).

16-18 September 2026 - Decoding Protein Function Through Structure and Engineering

Rome, Italy

Scientific sessions dedicated to the analysis of protein function and evolution through structural, biophysical, and engineering approaches. The program aims to promote the integration of experimental and computational techniques for understanding protein structure and function, offering a space for interdisciplinary discussion between structural biologists, biochemists, biophysicists, and molecular engineers. Register and learn more [here](#).



UPCOMING EVENTS (continued)

12-13 November 2026 - 2nd ARBRE scientific symposium

Vienna, Austria

VBCF and ARBRE are co-organising the next scientific symposium highlighting ARBRE activities and its scientific reach with a programme including scientific sessions and round table discussions. Registration will soon open and be so until 11 October 2026. Participants will have the opportunity to submit an abstract for a talk or a poster upon registration.

COMMUNITY NEWS



ARBRE visibility and representation

Three ARBRE Management Committee members and several other ARBRE members participated in the Instruct-ERIC biennial Structural Biology Conference in Brussels, in which the association was notably an academic sponsor. The response from a wide European audience was positive and contacts were established with many potential new members.



New ARBRE website launched!

Thanks to Chris Gaillard (independent French web designer), ARBRE website has been entirely revamped and was launched on the 26th of May 2026. It features a map of ARBRE members and many other useful info and resources. A searchable member database is under construction. Visit [here!](#)

OPPORTUNITIES

- **Conference of interest:** International Conference on Research Infrastructures ICRI 2026, December 2nd-4th, Rome, Italy, see more [here](#).
- **Conference of interest:** Conference of the European Federation of EPR Groups, August 29th-September 5th, Brno, Czech Republic, see more [here](#).
- **Conference of interest:** National Conference of Biophysics (Romanian Society of Pure and Applied Biophysics), September 3rd-5th 2026, see more [here](#).
- **VBCF is hiring:** Head of Protein Technologies Core Facility, see more [here](#).

RESEARCH SPOTLIGHT

- [Special Issue of the European Biophysics Journal](#) dedicated to MOSBRI
- Pablo Gainza • Richard D. Dunker • Sharon A. Townson • John C. Castle
Machine learning to predict protein-protein interactions
Trends in Biotechnology (2025) 43, 3056-3070 [doi.org/10.1016/j.tibtech.2025.04.013](#)
- Matthias M. Schneider • Tuomas P. J. Knowles • Sandro Keller • Georg Krainer
Microfluidics for protein interaction studies: current methods, challenges, and future perspectives
European Biophysics Journal (2025) [doi.org/10.1007/s00249-025-01763-x](#)
- Michael Overduin • Gest'el C. Kuyler • Mansoor Esmaili • Catharine A. Trieber • Claudia Acevedo-Morantes • Alexander P. Oraziotti • Rustem Shaykhtudinov • Rakesh K. Bhat • Tomisin Omotoso • Sabiha Tajammul • Mohammad Rahim • Sophie Zinn-Justin • Russell E. Bishop • Scott Prosser • Holger Wille • Bert Klumperman
Design of zwitterionic fluorescent polymers for membrane protein solubilization into native nanodiscs
Biophysical Chemistry (2025) 325, 107489 [doi.org/10.1016/j.bpc.2025.107489](#)

This section is open to all ARBRE members for sharing their proud achievements. Do not hesitate to email newsletter@arbre-biophysics.eu to have your publication featured in this newsletter.