

Announcements

- A very warm welcome to Romania and Turkey, our 26th and 27th member countries!
- The second annual meeting in Warsaw "Talking molecules: the networks that shape the living world" is approaching. 20 abstracts were selected for oral presentations, grouped in four sessions, each headed by a keynote talk. There will also be 20 flash oral presentations and 22 posters on display, competing to win a "best poster" prize. Check the updated programme online at: https://arbre-mobieu.eu/warsaw_2018_programme/
- The call for venues for the third annual meeting (March 2019) will be opening soon. Do not hesitate to come forward if you would like to host it!

ARBRE-MOBIEU sponsored Training schools (May 2018 - April 2019)

After the second call for training schools, 6 have been selected for co-sponsoring by MOBIEU COST Action funds:

- FEBS "Advanced Course on Integrated Approaches to Biomolecular Interactions", Sevilla (Spain) 7th-12th May 2018 (<https://biomolecularinteractions.febsevents.org/>). 4 grants awarded to trainees.
- EMBO Practical Course "Characterization of Macromolecular Complexes by Integrative Structural Biology", Grenoble (France) 12th-19th May 2018 (<http://meetings.embo.org/event/18-characterisation>). 2 trainers sponsored.
- "14th Greta Pifat Mrzljak International School of Biophysics", Split (Croatia) 23rd August - 1st September 2018 (<http://school.ifs.hr/>). 10 grants awarded to trainees and 4 trainers sponsored.
- FEBS & INSTRUCT Practical Course "Hydrodynamic and thermodynamic analysis of biological macromolecules and their interactions: multi-method approaches and global data analyses" Prague (Czech Republic) 23rd-28th September 2018. 4 trainers sponsored and Local Organizer Support awarded. (<https://www.febs.org/our-activities/advanced-courses/2018-advanced-courses/>).
- EMBO Practical Course "Biomolecular Interaction Analysis 2018: From molecules to cells", Porto (Portugal) 29th October - 3rd November 2018. 5 grants awarded to trainees.
- "Emerging Tools in Biomechanics: from tissues down to single molecules", Venice (Italy) 4th-8th February 2019. 5 grants awarded to trainees.

News from the WGs

WG2 Joint research projects

During the small WG2 meeting in Amsterdam on January 18th, an ARBRE-wide focus group 'Membranes' has formed under Isabel Alves' leadership. Setup of specific research projects is catalyzed by Małgorzata Adamczyk (Area 'Interactions'), Nadica Ivošević DeNardis ('Membranes') and Ago Rinke ('Cells'). Expect to be approached, or indeed get in touch! Our grant watch team (Bela Gyurcsik, Nuno Santos and Bjorn Stokke) continues to welcome online entries to the grant database (https://arbre-mobieu.eu/new_grant/).

WG4 Optimization of data quality

The WG4 meeting took place on December, 12th in Frankfurt am Main, Germany with 16 participants. The morning session focused on presentations by Tom Jowitt on the survey on new standard systems and on a lysozyme:nanobody system that may be established as new standard system; on the ITC benchmarking study using Mg/Ca binding to EDTA by Margarida Bastos; on a multi-study approach of a DNA:DNA system by Eric Ennifar; and on the results of the survey on protein quality control by Bertrand Raynal. The afternoon session was dedicated to discussions on current projects, in particular the setup of a new combined MST/ITC benchmarking study, and the need of new standard systems. The detailed minutes are available on our website, after login (<https://arbre-mobieu.eu/wg4/>).

WG7 External synergies

WG7 met on January 12th in Paris. The meeting considered past joint activities between ARBRE-MOBIEU and other networks and organisations, including Instruct, EBSA, iNEXT, P4EU and other COST Actions. The success of the satellite meeting to the EBSA congress in Edinburgh in July 2017 was noted and a meeting report will shortly appear in the European Biophysics Journal. Plans were laid for practical co-working with Instruct and EBSA and these have been taken forward; more to be reported at the Warsaw meeting.

STSM

In the last year, 15 people have received support to perform experiments and exchange experiences, as you can see in the website under the STSM submenu; many of them will give a short oral presentation in Warsaw and 3 will give full oral presentations.

News around ARBRE-MOBIEU

- About 90 participants met at "Proteins for Life", the 12th meeting of the P4EU network, held on 11th-12th December 2017 at the BIOCEV research centre in Prague, hosted by Ondrej Vanek. ARBRE-MOBIEU was represented by Frederico Silva, who gave a presentation about our Action to deepen the lasting connection between both networks. More at: <https://p4eu.org/prague-2017>
- The 3rd Core Technologies for Life Sciences congress (CTLS2018) will be held on July 1st-4th in Ghent, Belgium. The conference will include plenary and parallel sessions focusing on core facility operations, management and specific technologies of interest to research infrastructure staff from all fields of Life Sciences, including molecular biophysics. More at <http://www.ctls-org.eu/ctls-2018/>
- The 5th Edition of International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences "IC-ANMBES 2018" will take place on May 23rd-25th, in Brasov, Romania. More at <http://icanmbes.unitbv.ro/>
- For the first time, the French and Italian national EPR associations, ARPE and GIRSE, co-organize a theoretical and practical school on Electronic Paramagnetic Resonance, from basics to advanced concepts, at Carry-le-Rouet (France), 3rd-7th June 2018. More at: <http://www.a-rpe.fr/spip.php?rubrique102>

MOlecular Biophysics in Europe

ARBRE-MOBIEU - COST Action 15126

COST (European Cooperation in Science and Technology) is a pan-European intergovernmental framework. Its mission is to enable break-through scientific and technological developments leading to new concepts and products and thereby contribute to strengthening Europe's research and innovation capacities.

