

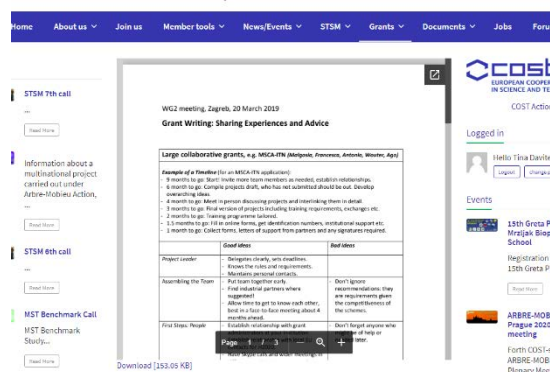
Progress report WG2 2019-2020

Area Leads

The sub working groups in WG2, which were established in Porto for specific research fields have been coordinated by Małgorzata Adamczyk (Area 'Interactions'), Nadica Ivošević DeNardis ('Membranes') and Ago Rinke ('Cells'). They are frequently requesting input from their members concerning joint research activities between ARBRE-MOBIEU entities.

Grant Writing Helpdesk

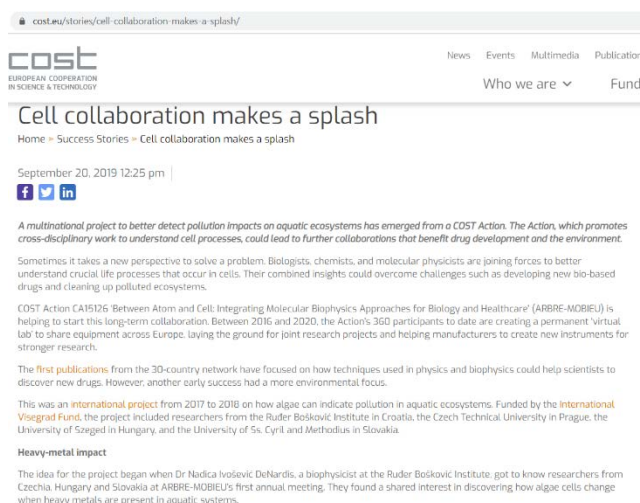
Resulting from the focussed WG2 meeting on grant writing in Amsterdam and the WG2 meeting on grant writing in Zagreb and informed by the experience of writing the ITN applications (see below), we have developed document compiling Dos and Don'ts for collaborative grant writing. This is uploaded to the website under Grants, see screen shot.



A COST success story

This story was picked up by Estelle Emeriau listening to Nadica Ivošević DeNardis' talk in Zagreb. She contacted Nadica in order to create a 'success story' for the COST website. WG2 involvement, as reported before, was through the Grant Watch Team to advertise the initial grant.

<https://www.cost.eu/stories/cell-collaboration-makes-a-splash/>



ITN submitted

With Antonio Diaz Quintana taking on the lead we have resubmitted the ITN application (it was rejected last year), now entitled "InterMet" - *Interplay of Metabolites with Proteins in Homeostasis and Disease: An Integrated Biophysical Approach*. Apart to the involved companies all involved labs are ARBRE-MOBIEU members. Our application was already strong and has improved significantly.

WG2 'Infrastructure' and general support activities

The *grant watch team* (Bela Gyurcsik, Nuno Santos and Bjorn Stokke) continues to update grant information on the website with help from Roman Szcapanowski to upload on the website. This includes an excel spreadsheet of specific grants, and now also fellowships and bursary-style funding for training courses, meeting attendance and short research visits. The information gathered has been seminal for some of our activities.

The *Research Projects Databank* on the ARBRE-MOBIEU website developed by Soren Vronning Hoffmann, Tina Daviter and Ana Popovic Bijelic has been functional for about two years. It can be used for collaboration requests of specified expertise, it can be used to search for existing

collaborative projects and also holds information important for reporting of outcomes from such collaborations, such as grant and publications.

NB The STSMs carried out within ARBRE-MOBIEU have not been captured in the Joint Research Projects databank, to avoid redundant reporting with the STSM coordinator. However, overall research output from ARBRE-MOBIEU should include both STSMs and WG2 activities.

Ongoing collaborative projects

H2020-ITN "InterMet"

Interplay of Metabolites with Proteins in Homeostasis and Disease: An Integrated Biophysical Approach

As stated above a joint research activity ITN has been resubmitted and we are awaiting the outcome.

Development of an Infrared Spectroscopy Data Repository

A COST-funded meeting was held in Dec 2018 to agree the set of community-standard metadata for FTIR spectroscopy. This allowed our Masters student Sarah Griffiths, supervised by Mark Williams at Birkbeck, UK, to develop the data model, i.e. the way data and metadata are held in a digital resource. Subject specific input is given by Erik Goormaghtigh (Brussels), and Amandine Marechal (Birkbeck, UoLondon) and Peter Rich (UCL). Sarah finished developing a rudimentary version for her submission. Both her and Tina Daviter have since continued with cosmetic, but essential elements of the DB development. Long-term funding is now key to bring this tool online and maintain it.

Check of WG2 Activities Against Objectives for 2019-2020

- *Update the searchable and interactive project database in the Action website:*
Done through personal reminders from Research Area Leaders (see above).
- *Put in place a system to monitor the progress of collaborative research projects that were triggered by MOBIEU, in particular those that have benefitted from COST Action funding support such as STSMs:*
Non-STSM projects have been covered in DB (see point above and Research Area Leaders' activities), STSM-reporting activities are as yet unclear to us, a joint agreement with STSM coordinators is needed to avoid double reporting.
- *Catalyse new collaborative research projects that will carry on after the end of COST funding.*
See ITN application. See further statistics below.

Statistics from Research Projects Databank – Outcomes:

Project number total: 10, either ongoing or concluded

Grant applications: 7 submissions, 2 awards

Publications: 1 currently submitted, 3 more in preparation, 4 accepted

Other outcomes (per project):

- Scientific regional exchanges of MSc and Phd students between partner Institutions (Croatia, Czech Republic, Hungary, Slovakia), 3 MSc Thesis defended, 2 project workshops organized
- 1 MSc Thesis defended