

## EpiLipidNET Newsletter June 2021

### ! Save the date!

The next **general Action EpiLipidNET meeting** will take place (on-line via zoom; free of charge to everyone who is interested) on **23 - 24th of September!** More information will be available soon at our website.

To MC members: 2h internal MC Meeting (23<sup>rd</sup> September, 10:00 – 12:00) will take place before the general Action meeting. Please save the date and time! You will get a detailed formal agenda soon.

Open call for **ITC Conference Grants!** Early career investigators and PhD students, take the opportunity to attend great scientific meetings all around the world.

Apply for Inclusiveness Target Countries\* (ITC) Conference Grants funded by EpiLipidNET. <https://www.epilipid.net/itc/>

\*Reserved for ECIs and PhD students from ITC participating in CA19105: Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Latvia, North Macedonia, Poland, Portugal, Romania, Serbia, Slovenia, Slovakia, Turkey

EpiLipidNET fund **7 STSM mobility grants** in the first call, therefore take your chance and apply. First come, first served, so take your chance and submit your application at <https://www.epilipid.net/stsm-grants/>

Open call for **Virtual Mobility (VM) Grants** ! All researchers can apply !

VM grants aim at strengthening the existing networks by allowing scientists to foster collaboration in a virtual setting, to exchange knowledge, learn new techniques, disseminate the Action results.

For more information see: Cost Vademecum (<https://www.cost.eu/wp-content/uploads/2021/04/Vademecum-V9-28-April-20212-1.pdf>)

Send the application to our STSM Manager **Joanna Godzien**([joanna.godzien@umb.edu.pl](mailto:joanna.godzien@umb.edu.pl)).

### **ECI Conference on 9th of July! (online)**

**ECI Committee invites EpiLipidNET early career investigators to join 1st ECI Conference:**

“What are my fellow young researchers doing in their labs? If the union makes you stronger, with whom could I exchange opinions, hopes ... problems? It is on this spirit that the idea of the **EIC Summer Conference** was born. For all those who want to create a "lipids-based" network, the appointment is online on July 9th (exact time yet to be defined). The event is in fact designed to give young researchers the opportunity to present "what they are doing" (if they want) in an informal setting (like chat with friends) with short presentations or posters. To the informal is added “the unusual” ... you will have the opportunity to go hunting for posters by becoming, for example, a character in a game ... who knows? no spoilers!

Save the date, make yourself comfy and bring your cocktail... see you soon!

EIC committee “

Contact: Silvia Radrezza; [silvia.radrezza@unimi.it](mailto:silvia.radrezza@unimi.it)

## **COST Actions collaborations in the frame of COVID-19 (Information provided by COST Office)**

“Last year COST has started to create an inventory of Actions that would be interest to collaborate in the frame of COVID-19, please see [booklet](#) (this booklet is updated regularly). The COST Community offers a unique framework for such collaborations, with over 45,000 participating researchers and a large spectrum of disciplines. In order to facilitate these efforts, we would like to help Actions getting in touch with one another. With this in mind, we need to know if your Action is interested to explore the opportunities for such a collaboration, and if yes:

1. on which topic you would like to work,
2. what expertise you can offer,
3. what expertise you're looking for.
4. who would be the contact point within the Action

Please note that any expense related to these activities cannot be reimbursed by the COST Action budget unless the activities are linked somehow to your MoU objectives.”

### **Upcoming events:**

- **WG5 Meeting Friday 25<sup>th</sup> June 15.00-17.00 CET**

- News on Meetings, Conferences, Webinars, Workshops (on website)
- Publications list (on website)
- Open-access methods & protocols (on website)
- Newsletters
- Outreach / Communication events

Zoom link: <https://videoconf->

[colibri.zoom.us/j/81441636829?pwd=S2JmUnpKc1h3eVZmQno2N2VhVGJYQT09](https://colibri.zoom.us/j/81441636829?pwd=S2JmUnpKc1h3eVZmQno2N2VhVGJYQT09)

- **WG3 Meeting Monday 14<sup>th</sup> June 14:00 – 17:00 CET**

Meeting theme: ‘**Profiles vs. small selected subsets of molecular lipids as clinical biomarkers? Statistical and analytical considerations**’

- Peter Meikle (Baker Heart and Diabetes Institute, Melbourne, Australia): A clinical lipidomics platform to assess metabolic health and cardiometabolic risk
- David Broadhurst (Edith Cowan University, Joondalup, Australia): Computational methods for moving from untargeted lipid profiling to clinically applicable targeted assays
- Ewout Steyerberg (Leiden University Medical Center & Erasmus MC, Rotterdam, the Netherlands): Evaluation of clinical value of biomarkers for risk prediction
- Discussion (approx. 40 minutes)
- Discussion about future activities (Meeting format (after Summer 2021); First position paper (pre-analytics); New study - comparison of blood sampling methods)

Zoom link: <https://oru->

[se.zoom.us/j/66616964456?pwd=aDdBu1RrVUlKMTBlLaFhHMS9PVkg1QT09](https://se.zoom.us/j/66616964456?pwd=aDdBu1RrVUlKMTBlLaFhHMS9PVkg1QT09)

- **13<sup>th</sup> European Biophysics Conference**, 24<sup>th</sup> -28<sup>th</sup> July, hybrid event  
<https://www.ebsa2021.org/>

- Conference **“Lipids in the ocean”** 5<sup>th</sup>-7<sup>th</sup> July 2021; online event  
<http://lipids2021.web.ua.pt/>

- **100 min with ILS**, provide by International Lipidomics Society; online events; Please note that you have to be a member of ILS to join the seminar  
<https://lipidomicsociety.org/events/100-minutes-with-ils/>

### Upcoming activities/calls to participate in review manuscripts:

#### EpiLipidNET interest/discussion groups:

- **WG4:** Patricia Prabutzki (Patricia.Prabutzki@medizin.uni-leipzig.de) initiated **discussion group on lipid-protein interactions** with the idea of sharing expertise, models, methods and opinions. Interested? More information is available at Teams (WG4 files, Folder Lipid-protein interactions)
- **WG1:** Juliette Jouhet (juliette.jouhet@cea.fr) and Rosário Domingues (mrd@ua.pt) initiated a **“Plant-Algae working group”** to share ideas, expertise, models, methods and opinions and to plan new collaborations. Interested? Send us an email and see more information at Teams folder (WG1- Plant-Algae working group).
- **WG3** initiates a discussion group on **“Systematic comparison of blood sampling methods (microsampling) vs. plasma and serum with respect to lipidomic profiles”**. Contact matej.oresic@oru.se and margreth@hi.is if you would like to participate in discussions.
- **WG2:** Zipora Tietel (Zipora Tietel <tietel@volcani.agri.gov.il>) initiated a discussion group on **“Food lipidomics”** aiming at sharing expertise and also to plan one or two reviews on the topic. Interested? The outlines for the reviews are available on teams"

#### EpiLipidNET calls for review manuscripts:

- **WG4:** Review on **“Mapping the (epi)lipidome of organelles”**  
Contact: morana.jaganjac@irb.hr
- **WG4/WG2:** Review on **“Challenges & needs to improve the biological interpretation of epilipidomics/oxylipin signatures”**  
Contacts: cecile.gladine@inrae.fr; karol.parchem@pg.edu.pl
- **WG2:** Review on **“Software to explore the epilipidome: an overview”**  
Contacts: laura.goracci@unipg.it; zhixu.ni@uni-leipzig.de
- **WG2:** Review on **“Analytical solution to untangle the diversity of modified lipids in biological samples”**

Contacts: maria.fedorova@bbz.uni-leipzig.de; 'taniamelo@ua.pt'

- **WG3:** Position paper preparation on “**Pre-analytical workflow for clinical lipidomics**”

Contacts: matej.oresic@oru.se and margreth@hi.is

### Announced special issues:

- Call for manuscript submission to SI on “**Oxidized lipids in food and nutrition**” in NFS Journal (official Journal of the Society of Nutrition and Food Science”; Elsevier) edited by Simon Hammann and Maria Fedorova  
<https://www.journals.elsevier.com/nfs-journal/call-for-papers/special-issue-oxidized-lipids-in-food-and-nutrition>
- Call for manuscript submission to SI on “**Cholesterol and phytosterols oxidation products: analysis, biological activities and implication in human pathophysiology**” in Current Research in Biotechnology (Elsevier; Open Access, No Article Publishing Charge until 31st December 2021) edited by Gérard Lizard and Giuseppe Poli  
<https://www.journals.elsevier.com/current-research-in-biotechnology/>
- Call for manuscript submission to SI on “**Advances in lipid metabolism and skin health**” in Metabolites (MPDI) edited by Elzbieta Skrzydlewska and Neven Zarkovic  
[https://www.mdpi.com/journal/metabolites/special\\_issues/lipidmetabolism\\_skin](https://www.mdpi.com/journal/metabolites/special_issues/lipidmetabolism_skin)
- Call for manuscript submission to SI on “**Role of lipids in skin and their impact on stress, aging and inflammation**” in Cosmetics (MPDI) edited by Sophia Letsiou and Sophia Hatziantoniou  
[https://www.mdpi.com/journal/cosmetics/special\\_issues/skin\\_cosmetics](https://www.mdpi.com/journal/cosmetics/special_issues/skin_cosmetics)
- Call for manuscript submission to SI on “**Lipid metabolism and gene expression in skin and skin diseases**” in International Journal Molecular Sciences (MPDI) edited by Dániel Törőcsik and Florian Gruber  
[https://www.mdpi.com/journal/ijms/special\\_issues/Skin\\_Lipid\\_Metabolism](https://www.mdpi.com/journal/ijms/special_issues/Skin_Lipid_Metabolism)
- Call for manuscript submission to SI on “**Oxidative Stress and Pigmentation Disorders: Mechanisms, Signaling Pathways, and Therapeutics**” in Oxidative Medicine and Cellular Longevity edited by Chengfeng Zhang and Florian Gruber  
<https://www.hindawi.com/journals/omcl/osi/>
- Call for manuscript submission to SI on “**Targeted Analysis and Quantification of Metabolites and Lipids in Plants, Mammals or Bioorganisms**” in Metabolites (This special issue belongs to the section "Lipid Metabolism", MDPI) edited by Justine Bertrand-Michel, Olivier Berdeaux and Hector Gallart Ayala. Dead Line : 31st of August 2021.  
[https://www.mdpi.com/journal/metabolites/special\\_issues/Target\\_Metabolo](https://www.mdpi.com/journal/metabolites/special_issues/Target_Metabolo)