

## ME-HaD TRAINING COURSE IN IOANNINA-GREECE

### 1-3 March 2016

□ *“Extracellular Vesicles & Exosomes: Analysis and Properties”*

### ANNOUNCEMENT - INVITATION

Dear Early Stage Researcher (ESR) in COST Action BM1202, ME-HaD,

It is our pleasure to invite you to apply for participation in the Training Course aimed on the extension of your knowledge in the field of extracellular vesicles.

Training school will take place in Greece, in the city of Ioannina, 1 - 3 March 2016.

Venue: Chemistry Department, University of Ioannina, Greece

Please, submit your

- Application form,
- Motivation letter and
- Abstract\* (including field of EV research) to [lekka.mrl@gmail.com](mailto:lekka.mrl@gmail.com)

*\*It is planned that ESRs give short oral presentations (7-10 min max and a few ppt slides) so you are invited to submit short (max one page) Abstract.*

**Deadline for application is 25 January 2016.**

**Decision on applications** will be made not only based on submitted abstract but also, in accordance to guidelines of COST, taking into account gender- and country-balance.

**Registration**: Please note that there are only **18 reimbursable spots** in this Training Course and there are 27 participating countries in our Action with total of 218 ESRs. However, few spots will be available for the fee of 100 €.

**Certificate of attendance** will be provided at the end of the training course

**Contact persons:**

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Sincerely,

Dr Maja Kosanovic  
ESR Coordinator of ME-HaD COST Action

Professor Marilena E. Lekka  
Organiser

**ME-HaD TRAINING COURSE IN IOANNINA-GREECE****1-3 March 2016***“Extracellular Vesicles & Exosomes: Analysis and Properties”***OBJECTIVES**

Extracellular nanovesicles and exosomes are small vesicles (30–150 nm) derived from multivesicular bodies and released by a variety of cell types. Their release is constitutive, but even inducible, following specific signals. Due to the constitutive liberation they are recovered in all the biological fluids. They are recognized as organelles with a role in intercellular communication or even signalling, exerting immunomodulatory activities. These activities depend largely on their cargo, which is characteristic for the cellular origin, but also for the nature of the trigger that induces their release.

Thus, up-to-date questions are related to:

- mechanisms that govern the release of exosomes
- morphological, physicochemical and molecular characterization
- cargo
- properties and function
- biological significance and
- biomedical applications

Aspects of the above issues will be addressed in the Training Course, where the participants will have the opportunity to learn from tutors, to perform practical work and to discuss their experience on working with exosomes.



