



Zebrafish tools for screening of therapeutic-relevant molecules affecting tissue mineralization

25-27th NOVEMBER 2019 | Faro, PT

“Advanced training in a beautiful location!”

LECTURES

- Basis of zebrafish biology and husbandry
(Paulo Gavaia, CCMAR & Gil Martins, CCMAR)
- Basic principles of osteogenic drug screening
(Vincent Laizé, CCMAR & Jorge Dias, SPAROS Lda)
- Principles of transgenesis and mutagenesis
(Anabela Bensimon-Brito, MPI-HLR)
- Mutant lines modeling human bone disorders
(M. Leonor Cancela, CCMAR-UALG)
- Bone staining, imaging and analysis techniques
(Anabela Bensimon-Brito, MPI-HLR & João Carneira, MPI-HLR)
- Bone regeneration and regenerative medicine
(João Carneira, MPI-HLR)
- Zebrafish caudal fin and scales as biomedical tools
(João Carneira, MPI-HLR & Marco Tarasco, CCMAR)

LOCATION

The course will be held at the University of Algarve (Campus de Gambelas, Faro) situated near to the beach and the natural reserve of the Ria Formosa.

We hope you have some time to enjoy what this location and Algarve has to offer you!

Sponsored by:

HANDS-ON

- Drugs exposure and experimental design
- Bone stainings and fluorescent microscopy
- Operculum and caudal fin systems
- Imaging and morphometric analysis

REGISTRATION

Trainees are entitled to receive a fixed grant for attending this training school based on COST ELIGIBILITY CRITERIA. Trainees must:

- Be engaged in an official research program as a PhD Student or postdoctoral fellow OR employed by, or affiliated to, an institution, organization or legal entity, which has within its remit a clear association with performing research.
- Be from COST Full Members/COST Cooperating Member (http://www.cost.eu/about_cost/cost_member_states), from Approved NNC Institutions, or from Approved European RTD Organizations.

Applications must be sent to Leonor Cancela (lcancela@ualg.pt) and Joana Rosa (joana.t.rosa@gmail.com) no later than OCTOBER 31, 2019, and are limited to 15 participants.

ORGANIZATION

by BIOSKEL members:

Leonor Cancela
Joana Rosa
Vânia Roberto
Natércia Conceição
Marco Tarasco

