

# ICGEB

## Meetings and Courses 2021

ICGEB Course

### Genetics and model organism in human disease research: workshop on Assisted Reproductive Technologies (ART) in laboratory mouse" - ONLINE EVENT

5 October 2021 | Trieste and Rome, ITALY

*In collaboration with*



Consiglio Nazionale delle Ricerche

*Organisers:*

Marcello Raspa (CNR-IBBC-EMMA, Rome, Italy)

Andrés Muro and Serena Zacchigna (ICGEB Trieste, Italy)

Glauco Tocchini-Valentini (CNR, European Mouse Mutant Archive – EMMA, Roma, Italy)

**Contact** [courses@icgeb.org](mailto:courses@icgeb.org)

**Web** <https://www.icgeb.org/assisted-reproductive-technologies-course-italy-2021/>

The aim of the course will be to instruct students in the latest developments of this field, especially with regards to its connection with human disease and the development of novel therapeutic approaches, and key topics of animal experimentation. The course will be taught by a series of high level international experts that have been at the forefront of mouse research since its beginning.

Topics will include:

- The mouse: basic principles of mouse genetics
- Mutagenesis approaches (CRISPR/Cas9)
- Phenotyping, Informatics and Database
- The use of mouse disease models as a diagnostic and therapeutic tool
- Mouse Sperm Cryopreservation and Recovery
- In-Vitro Fertilization and embryo manipulation

*Participants*

- Researchers involved in animal experimentation
- Participation is subject to selection, as attendance to the event is limited to a maximum number of participants
- Selection will be based on the information provided in the application form, including the indication of potential benefit for the applicant's career
- Geographical and gender balance, as well as priority order in the submission of application, will also be considered
- No registration fee is charged to attend this event

**ICGEB application  
Deadline**

<https://isg.icgeb.org/auth/login>  
22 September 2021 - deadline extended



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#ICGEBmeeting



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