

TT-RIIP International Course

TRANSGENIC TECHNOLOGIES *in* MODELING HUMAN DISEASES: Principles, Associated Technologies, Animal Management and Ethics

5-13 June 2017, Athens, Greece

TRANSGENIC TECHNOLOGIES *in* MODELING HUMAN DISEASES:
Principles, Associated Technologies, Animal Management and Ethics
5-13 June 2017, Athens GREECE

A joint action of Transgenic Technology Laboratories of
International Network of Pasteur Institute

TT-RIIP
INTERNATIONAL COURSE

Speakers:
OSIO M., Uruguay
COJARI C., Romania
DORNE I., Greece
DOUJI E., Greece
EPHIMIDIOU S., Greece
JAKSIT J., France
FRAGIADIS E., Greece
HAKALAKIDIS S., Greece
HETZOGIOU A., Greece
KATSOPOULOS D., Greece
KOSTANTINOPOULOS N., Greece
LIMA VIVAS F., France
MONTOLIU L., Spain
MORGAN S., France
REAGERTHINK F., Greece
PROBST L., Greece
RUBINSTEIN M., Argentina
STREIN J., France
THOMASOU D., Greece
TICHONEN S., Greece
VAN DER HOEVEN H., Germany
VITTHIAS D., Greece
WIRTHS L., UK

Hellenic Pasteur Institute:
4 days theory, 4 days hands-on

TOPICS
THE BASIS OF TRANSGENIC TECHNOLOGIES: Classical Transgenesis,
Embryo Development, CRISPR Technology, CRISPR/Cas, Running a
Facility
MODELING HUMAN DISEASE: Infectious, Neurological
TRANSGENIC ASSOCIATED TECHNOLOGIES: Bioinformatics, Genome
Wide Analysis, Next Generation Sequencing, in vivo Imaging,
Behavioral Analysis, Cryopreservation
ETHICS AND ANIMAL WELFARE: Legislation, Ethics, Breeding
Strategies, Animal Welfare, Cost Benefit Analysis, Statistics
MANIPULATING MOUSE EMBRYOS: Microinjections,
Genotyping, Cryopreservation, in vivo Imaging

Dead line for applications: 10 March 2017
Contact: tt-riipcourse@pasteur.gr
Web: www.pasteur.gr/en

Organizers:
HAKALAKIDIS SYBIE
DORNE IRENE
LIMA VIVAS FRANCINE
FRAGIADIS EPINIO

Sponsors:
International Network of Pasteur Institute
Pasteur Institute
epandof
ISTT
ANILAB
ONOLAB
FARMACIA ITALIANA

The course is a joint action undertaken by the three Transgenic Facilities of Institute Pasteur International Network (IPIN), in Athens, Montevideo and Paris.

Our aim is to organize an 8-days course on Transgenic Technologies in modeling human diseases, offering an holistic knowledge on the field, hands-on training on basic experimental techniques in mice, and networking of scientists fostering continuing communication and technology sharing. The focus will be on basic and updated knowledge on transgenesis, on associated technologies for genotyping, phenotyping, archiving and storage (i.e. Genome-Wide Analysis, Next Generation Sequencing, bioinformatics, bioimaging, cryopreservation), on laboratory animals management according to the 3Rs approach (Directive 2010/63/EU) (i.e. complexity of breeding, animal welfare) and ethics.

The course consists of 4 days of lecture sessions and 4 days of hands-on sessions (including Saturday). It will include lectures from 23 field-experts, practice on manipulating mouse embryos, basic techniques on transgenesis and cultural and social events. This course is financially supported by the Institut Pasteur International Network (RIIP), and therefore is referred as TT-RIIP international course and co-sponsored by the International Society for Transgenic Technology (ISTT). The practical session will be performed in the officially approved facilities of the Department of Animal Models for Biomedical Research and Transgenic Technology Lab of Hellenic Pasteur Institute that operates in line with the EU and international laws, FELASA recommendations and ARRIVE guidelines.

The assessment of learning outcomes of the course will be made through a multiple-choice and/or short-answer questionnaire. Answers will be evaluated at the end of the course by the organizing committee. Certificates will be issued to the successful candidates. The assessment of the quality of the course will be made by each participant through an evaluation sheet.

The course is addressed to PhD-students, Post-doctoral fellows in life sciences, early-stage researchers, veterinarians and technicians working with transgenic technologies. All interested participants have to complete the course application form to enter the selection process. Selection priority will be given to RIIP and ISTT applicants.

A limited number of travel fellowships will be awarded to RIIP members, that have completed the grant application form and have been selected by the organizing committee.

Course and grant applications should be submitted by **10 March 2017**, to tt-riipcourse@pasteur.gr

Total number of participants for the hands-on is limited to 20 persons.

Course fees:

Participants	Sessions of the course	*Amount (€)
RIIP or ISTT members	theory and hands-on	630
	theory	280
	hands-on	350
Non-members	theory and hands-on	680
	theory	300
	hands-on	380

*Course fees **include** course material, coffee breaks, lunches and guided tour to Acropolis museum. **Fees do not include** accommodation, participant's travel costs, visas, etc. Participants are entitled to a reduced hotel rate in standard double-shared rooms in Athinais Hotel (<http://www.athinaishotel.gr/el/>), near Hellenic Pasteur Institute, with their own arrangements.

The course fees are refundable in case of cancelling before 5 May 2017 (minus 10% for administrative costs). No refunds are made after 5 May 2017.

To receive the ISTT member rate, membership dues must be paid to ISTT, otherwise registrant will be charged as non-member.

Please do NOT send any registration payment, until you have been notified of acceptance to the course.

[Poster; Program; Course application form; Grant application form](#)