

Scientific committee

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Fees

Congress fee:

200 euro associated member VAT included;
250 euro non-associated member VAT included;
free associated student member;
free non associated member student presenting poster.

Course fee:

200 euro associated member VAT included;
300 euro non-associated member VAT included.

Congress + course fees:

300 euro associated member VAT included;
400 euro non-associated member VAT included.



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XXII AISAL Symposium

Innovation in laboratory animals science. The future is now

*In conjunction with the
Board of Management of
FELASA*

**Simultaneous translation
English to Italian
Italian to English**

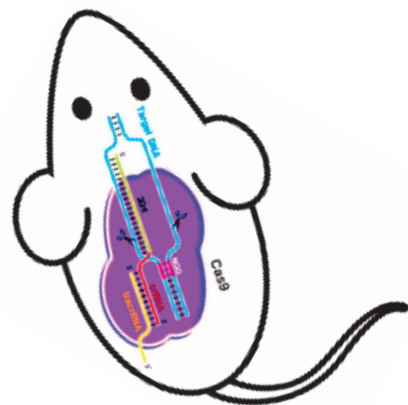
**22nd – 24th October 2015
Centro Congressi Federico II
Aula Magna Partenope
Via Partenope, 36
Naples - Italy**



The XXII AISAL Symposium presents the recent technological advancements and main innovations in the field of laboratory animal science.

Innovations and adequate education are fundamental to translate scientific knowledge and technology into applications and products, for a better scientific quality research and improvement of laboratory animal welfare. Progresses of genetics and developmental biology promote the creation of newly engineered mutant strains of laboratory animals, and the need of automation in the vivarium and related procedures, improvement of phenotyping research tools, bioinformatics platforms contribute to the dawn of a new era.

Thus, AISAL congress will be focused on the most relevant progresses in the field of transgenesis, education and training aiming at build a synergy among all professionals involved in the science of laboratory animals, in the perspective of 3Rs.



THURSDAY 22nd OCTOBER 2015

9.30-10.00
Registration of participants

10.00-10.30
Welcome and introduction

Session 1: Innovation and transgenesis

10.30-11.05
Lluís Montoliu (National Centre for Biotechnology, CNB-CSIC - CIBERER-ISCIII, Madrid, Spain)
A new logic for the generation of genetically-altered animals.

11.05-11.40
Alessandro Cellerino (Bio@SNS Scuola Normale Superiore, Pisa, Italy)
Transgenic techniques in *Danio rerio* and the short-lived killifish *Nothobranchius furzeri*.

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11.40-11.55 Coffee-break

11.55-12.30
Martin Fray (Medical Research Council, Harwell, United Kingdom)
The International Mouse Phenotyping Consortium: generating resources for the future.

12.30-13.05
Jan-Bas Prins (Leiden University Medical Centre, The Netherlands)
Reduction and refinement are essential ingredients of good science and corporate responsibility.

13.05-14.30 Lunch

Session 2: Innovation and 3Rs

14.30-15.05
Arturo Brunetti (University of Naples Federico II - CEINGE, Advanced biotechnologies scarl, Naples, Italy)
In vivo imaging systems and applications.

15.05-15.40
Donato Inverso (IRCCS San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Italy)
Intravital imaging of Hepatic Effector CD8+ T Cell Dynamics.

15.40-16.15
Marcello Raspa (CNR - European Mouse Mutant Archive, EMMA - Campus "Adriano Buzzati-Traverso", Monterotondo, Rome, Italy)
Current progress and future perspectives in mouse biobanks.

16.15-16.30 Coffee-break

16.30-17.05
Wenhui Song (University College London, United Kingdom)
Printing 3D Synthetic Human Soft Tissue.

17.05-17.40
Pierangela Giustetto (Ephoran. Multi-Imaging Solutions, Colletterto Giacosa, Torino, Italy, & Visualsonics)

From Ultrasound and Micro-ultrasound to Photo-acoustic : new method that improve tumoral diagnostic molecular imaging.

Massimo Foa (IDEXX Laboratories, United Kingdom)
Other topics in Laboratory Animal Sciences_Do modern technologies allow you to perform optimal health monitoring in IVCs? The challenge of balancing 5 pillars (science, cost, risk assessment, management and 3Rs).

Livia D'Angelo (University of Naples Federico II; AISAL, Italy)
Presentazione "Guidelines for the Care and Welfare of Cephalopods in Research".

Fabio Luzi (University of Milan, Italy) & **Giuliano Grignaschi** (IRCCS - Mario Negri, Milan, Italy)
Presentazione del manuale: "Benessere e animal care dell' animale da laboratorio".

18.00 Assembly of associated members.

FRIDAY 23rd OCTOBER 2015

Session 3: Innovation in education and training

9.00-9.35
David Smith (Chair of ETPLAS)
The Education & Training Platform for Laboratory Animal Science (ETPLAS).

9.35-10.10
Marcel Gyger (Chair of the FELASA Accreditation Board for Education and Training - École polytechnique fédérale de Lausanne, Center of PhenoGenomics, Switzerland)
Education in Animal Experimentation: Accreditation is now.

10.10-10.45
Monica Forni (Alma Mater Studiorum, University of Bologna, Italy) & **Massenzio Fornasier** (Independent Consultant, Milan, Italy)
Laboratory Animal Medicine in European Veterinary Faculties' Curriculum.

10.45-11.15 Coffee-break

11.15-11.45
Giovanni Botta (Ministry of Health, Rome, Italy)
Education and training in Italy.

11.45-12.45
Roundtable: the future of education and training in Italy
Chair: Gemma Perretta (Fondazione Guido Bernardini);
Paola D'Allara (University of Milan, Italy);
Luca Crippa (University of Milan-Bicocca, Italy);
Paolo de Girolamo (University of Naples Federico II, Italy);
Anna Di Cosmo (University of Naples Federico II, Italy);
Monica Forni (Alma Mater Studiorum, University of Bologna, Italy);
M.Cristina Riviello (IBCN - CNR, Rome, Italy)

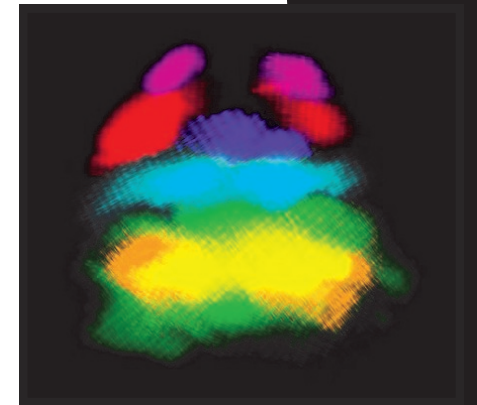
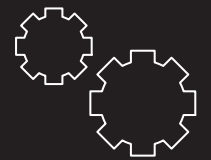
12.45-12.55
Presentation of SPERA

12.55-13.15
Presentation of results of the Prize Alessandra Cocilovo 2014
Ruolo di Dab1 nella circuiteria cerebellare e nell'apprendimento motorio

Presentation of Prize AISAL 2015

13.15-14.30 Lunch and Poster session

14.30-14.45 Best Poster Prize and closing remarks



SITO WEB
www.aisal.org



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