

THE SEMINAR WILL ONLY RUN IF WE HAVE REACHED
THE MINUM NUMBER OF PARTICIPANTS BY DECEMBER 31, 2015

Registration deadline postponed!

All seminar participants must register at the following web address to be admitted:
<http://www.unil.ch/resal/home.html>

Registration Fee: Free of charge for RESAL community

- 200 CHF for participants from academic institution
- 300 CHF for participants from private companies

The Registration Fee includes participation in the scientific programme, lunch, coffee breaks.

Policy on Cancellation

The seminar confirmation will be accompanied by the Order Acknowledgement with payment details.

Cancellation policy: All cancellations must be made by writing (email or fax) to the secretary.

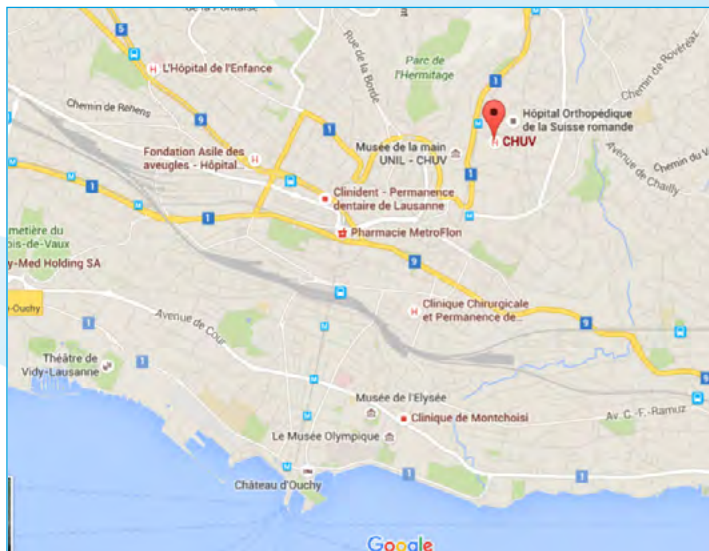
Payment of the balance of the seminar is due, in full, for cancellation received after invoice raising.

Registrants who fail to attend without advance notice are liable for the entire fee.

Secretarial Support

Laura De Francesco - Fondazione Guido Bernardini, secretary@fondazioneguidobernardini.org

Fabienne Chabaud - Réseau des animaleries lémanique, Fabienne.Chabaud-Barandun@chuv.ch



FONDAZIONE GUIDO BERNARDINI
BETTER EDUCATION FOR BETTER SCIENCE



INTERNATIONAL SEMINAR

credits: 7 points - Royal Society of Biology: 21 credits

1 day continuing education for person carrying out procedures on animals and person designing procedures and projects by Swiss Veterinarian Associations

Invertebrates as alternative models in biomedical research

Invertebrate animals have been widely used as models for biomedical research and teaching since the late 1800s. In the past decades the scientific community has increased its interest in such species also to respond to the public concerns regarding the use of vertebrate animals.

Investigations on invertebrate models can provide biological insights relevant to other organisms and it have led to important discoveries in many areas of research such as immunology, neurobiology and behaviour.

Model invertebrates offer many advantages over vertebrates, including their short life cycle, simple anatomy and cost-effectiveness due to the ease with which large numbers of individuals may be studied.

This international seminar will illustrate the potential of some species of invertebrates to contribute to biomedical research as model organisms to reveal fundamental biological processes including those involved in disease. Also concepts relevant to ethics and potential for suffering will be covered.

The models reviewed will hopefully serve as references for scientists, researchers, veterinarians, animal welfare bodies, and others interested in alternatives to vertebrate animals



12 February 2016 - CHUV, Lausanne, CH

Friday 12 of February

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|--|---------------|
| Registration | 07:30 - 08:20 |
| Welcome and opening addresses | 08:20 - 08:30 |
| Assessing the potential for pain in invertebrates..... | 08:30 - 09:30 |
| Robert W. Elwood | |
| How the tiny worms <i>C.elegans</i> could help in biomedical research?..... | 09:30 - 10:10 |
| Laurent Mouchiroud | |
| Coffee Break..... | 10:10 - 10:40 |
| Infecting amoebae with mycobacteria to study conserved mechanisms of innate immunity..... | 10:40 - 11:20 |
| Thierry Soldati | |
| Galleria Mellonella as an alternative experimental animal model to study fungal infections..... | 11:20 - 12:00 |
| Alix Coste & Dominique Sanglard | |
| Using drosophila to study gut-microbia interactions | 12:00 - 12:40 |
| Julien Royet | |
| Lunch..... | 12:40 - 13:40 |
| How is the concept of dignity of the living organism applicable to bacteria and insects? | 13:40 - 14:20 |
| Bernard Baertschi | |
| Neuroinflammation and microglia activation studies : a novel strategy using an invertebrate model, the medicinal leech | 14:20 - 15:00 |
| Christophe Lefebvre | |
| Coffee Break..... | 15:00 - 15:20 |
| Lymnaea as a model system to study age-related and amyloid-induced memory impairment..... | 15:20 - 16:00 |
| George Kemenes | |
| Aplysia and Helix snails as models for studying synaptic plasticity | 16:00 - 16:40 |
| Mirella Ghirardi | |
| A novel fly model of Parkinson's disease | 16:40 - 17:20 |
| Emi Nagoshi | |
| Closing remarks..... | 17:20 - 17:30 |

Scientific Committee

Fabienne Chabaud - Réseau des animaleries lémanique, Switzerland
Marcel Gyger - Ecole Polytechnique Fédérale de Lausanne SV CPG, Switzerland
Gemma Perretta - Fondazione Guido Bernardini, Italy

Faculty

Bernard Baertschi - University of Geneva, Switzerland
Alix Coste - CHUV, Microbiology Institute, Switzerland
Robert W. Elwood - Queen's University of Belfast, Ireland
Mirella Ghirardi - University of Turin, Italy
George Kemenes - University of Sussex, UK
Christophe Lefebvre - University of Lille, France
Laurent Mouchiroud - Ecole Polytechnique Fédérale de Lausanne, Switzerland
Emi Nagoshi - University of Geneva, Switzerland
Julien Royet - Aix-Marseille Université, France
Dominique Sanglard - CHUV, Microbiology Institute, Switzerland
Thierry Soldati - University of Geneva, Switzerland

Venue

CHUV: Centre Hospitalier Universitaire Vaudois - Auditoire Alexandre Yersin
Rue du Bugnon 21, 1011 Lausanne

How to reach the venue - We highly recommend you to take public transportation.

By train

From Lausanne Railway station :
Take Metro M2 going to « Croisettes », get off at metrostop « CHUV »

By car

Motorway A9/E62, exit 10 « Lausanne-Vennes - Hôpitaux », then follow indication « CHUV », parking CHUV (centre hospitalier universitaire vaudois)

<https://www.google.ch/maps/@46.5336731,6.6404874,14z?hl=fr-CH>

For information

Public transportation : <http://www.t-l.ch>

Railway : <http://www.cff.ch/home.html>

Parking : <http://www.lausanneparkingsrelais.ch/fr/accueil.html>

Hotel Information

www.hotels.com/Lausanne_Hotels

www.booking.com/Lausanne-Hôtels

www.lausanne-tourisme.ch/hebergement/hotels.html