



RIIP (Institut Pasteur International Network) Regional Course

An 8-day practical course entitled “Digital image processing/analysis tools in Light Microscopy: From the basics and beyond” will be organized in Athens Greece at the Hellenic Pasteur Institute in June 10-17, 2013. The course focuses on topics related to biomedical applications in the fields of infectiology, neurobiology and cell biology.

The course objective is to provide theoretical and practical training in basic and advanced concepts and methods of digital image analysis and in the use of several open source and commercial software for quantitative assessment of fluorescence microscopy data through:

- Lectures
- Hands-on practicals with participants’ microscopy data or data provided by the instructors
- Informal discussions and tutorials with experts in the field

The course is addressed to PhD students, post doctoral fellows and young investigators who are involved in research projects requiring fluorescence microscopy imaging and digital image processing.

Applicants should come from Balkan, S.E. Mediterranean and N. African countries.

Applications of scientists from the Pasteur Institutes or Pasteur affiliated Institutes will be given priority.

Applications should include: a) the completed registration form (download word file from http://www.pasteur.gr/?page_id=2444&lang=en, courses) and b) letter of support from their supervisor.

Applications should be send to: Dr Haralabia Boleti (hboleti@pasteur.gr)

Lectures will be open to the public and free of charge.

The practical part of the course is limited to 18 participants (registration fee: 200 €)

Accommodation and meals are fully covered.

A limited number of travel fellowships are available upon request.

Application deadline : 28th February 2013

<p><u>Organizers:</u></p> <p>Haralabia Boleti, hboleti@pasteur.gr Dept. of Microbiology & Light Microscopy Unit Hellenic Pasteur Institute, GREECE</p> <p>Jean Christophe Olivo-Marin, jcolivo@pasteur.fr Quantitative Image analysis Unit, Institut Pasteur, FRANCE</p> <p>Dimitra Thomaidou, thomaidou@pasteur.gr Dept. of Biochemistry & Light Microscopy Unit Hellenic Pasteur Institute, GREECE</p>	<p><u>Sponsors:</u></p> 
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Invited speakers for the theoretical part:

Igor **Adameyko**, Karolinska Institute, **SWEEDEN**

Costas **Balas**, Technical University of Crete, **GREECE**

Haralabia **Boleti**, Hellenic Pasteur Institute, **GREECE**

Maria **Evagelidou**, Hellenic Pasteur Institute, **GREECE**

Freddy **Frischnecht**, U. of Heidelberg Medical School, **GERMANY**

Ricardo **Henriques**, Institut Pasteur, **FRANCE**

Maria **Gaitanou**, Hellenic Pasteur Institute, **GREECE**

Delisa **Ibanez Garcia**, Bitplane AG,

Jean-Christophe **Olivo-Marin**, Institut Pasteur, **FRANCE**

Felipe **Ortega**, Institute of Physiology, Ludwig-Maximilians Univ., **GERMANY**

Stamatis **Pagakis**, Biomedical Research Foundation Academy of Athens, **GREECE**

Javier **Pizarro-Cerda**, Institut Pasteur, **FRANCE**

Vincent **Schoonderwoert**, Scientific Volume Imaging, **The NETHERLANDS**

Pavel **Tomancak**, Max Plank Institute of Molecular Cell Biology and Genetics, **GERMANY**

Isabelle **Tardieux**, Institut Cochin, **FRANCE**

Dimitra **Thomaidou**, Hellenic Pasteur Institute, **Greece**

Instructors in the practical part:

Igor **Adameyko**, Karolinska Institute, **SWEEDEN**

Katerina **Aravantinou-Fatorou**, Hellenic Pasteur Institute, **GREECE**

Fabrice **de Chaumont**, Institut Pasteur, **FRANCE**

Stephane **Dallongeville**, Institut Pasteur, **FRANCE**

Alexandre **Dufour**, Institut Pasteur, **FRANCE**

Freddy **Frischnecht**, U. of Heidelberg Medical School, **GERMANY**

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Javier **Pizarro-Cerda**, Institut Pasteur, **FRANCE**

Tobias **Preibisch**, Max Plank Institute of Molecular Cell Biology and Genetics, **GERMANY**

Vincent **Schoonderwoert**, Scientific Volume Imaging, **The NETHERLANDS**

Pavel **Tomancak**, Max Plank Institute of Molecular Cell Biology and Genetics, **GERMANY**

Evangelia **Xingi**, Hellenic Pasteur Institute, **GREECE**