

# 2nd International Symposium Microgenomics

**REGISTER NOW!**

**31 mai - 1 juin 2016, a Technical Workshop  
at INRA, on the Jouy-en-Josas Research Center**

After the success of “Microgenomics 2014”, INRA is organizing again with its partners the second edition of the International Symposium on Microgenomics 2016. How do you obtain high quality biomolecules? What will be the future tools for the analysis of the genome and its expression at the cellular level? These are questions that internationally renowned experts will try to answer during the event.

**First participate in the Technical Workshop then participate in the Symposium on June 2 and 3, 2016 to be held at the Bibliothèque François Mitterrand! Registrations for the workshop and registrations and submissions for the symposium at the following address: <http://www6.inra.fr/microgenomics-2016>**

<b>Tuesday, 31 May (afternoon beginning at 13 :30)</b>	
<b>Introduction to the Workshop</b>	
	<b>Michael Tangrea (USA) : Laser Microdissection : principles and applications</b>
	<b>Andréa Rau (France) : Experimental Design and Statistical Analysis in Genomics</b>
	<b>Lance Liotta (USA) : Protein-Protein interactions: Mapping the contact regions between interacting proteins that comprise the drug targets of the future</b>
	<i>A “Wine and Cheese” cocktail</i>
<b>Wednesday, 1 June (whole day)</b>	
<b>Technical Workshops</b>	
	<b>qPCR - Michael Kubista (TATA Biocenter, Suède)</b> <i>How to analyze qPCR data; from basic concepts to expression profiling and quality control</i> <i>Technical Workshop : workflow from small amounts of cells and High-Throughput qPCR</i>
	<b>Microdissection –@BRIDGe Core Facility, (INRA, France)</b> <ul style="list-style-type: none"> <li>■ <i>Workflow for microdissection projects: critical steps to consider for reliable results (theoretical)</i></li> <li>■ <i>Hands-on technical workshop (cryosection, slide preparation, microdissection and quality control)</i></li> </ul>
	<b>NGS – ENS Core Facility (Paris) : Principles and Applications</b> <ul style="list-style-type: none"> <li>■ <i>NGS: Theory and applications</i></li> <li>■ <i>Quality Control: samples</i></li> <li>■ <i>Preparation of libraries from small quantities of biological material and kit comparison</i></li> <li>■ <i>Quality Control: data</i></li> <li>■ <i>Library normalization</i></li> </ul>
	<b>Proteomics – Céline Henry and Sophie Liuu (PAPPSO Core Facility (INRA))</b> <ul style="list-style-type: none"> <li>■ <i>Identification and quantification of proteins using high resolution mass spectrometry</i></li> <li>■ <i>Introduction to high resolution mass spectrometry, critical steps of sample preparation and data treatment</i></li> </ul>
<b>Visit of the INRA core facilities</b>	

Our Silver sponsors will be present throughout the workshop with presentation/demonstrations.

**For our ABIES doctoral students, you may include the Workshop and Symposium in your training program!  
Request your certificate !**