

## IGBMC PhD Training Programme 2016 - 2017

	Courses		Hours	Units		Dates	Time / Room
<b>2016</b>							
<b>1st year Compulsory</b>	<b>INTRODUCTORY MODULE</b>	IGBMC Overview Bertrand Séraphin Director of the IGBMC	1 h	S	Talk	01/12/2016	15:30 - 16:00 Auditorium
		Introduction to the Platforms Philippe Kastner Head of the Technologic Platforms and Scientific Services		S	Talk		16:00 - 16-30 Auditorium
<b>2017</b>							
	<b>Flow Cytometry</b>	Peggy Kirstetter	3 h	S	Workshop	13/01/2017	9h00-12h00 E1031 - CBI (max 20 students)
	<b>Writing Scientific Articles in English</b>	Daphne Goodfellow	21 h	SP	Workshop	16/01/2017	9:00 - 12:00 & 13:00 - 17:00 E 1031 - CBI (max 10 students)
					Workshop	17/01/2017	9:00 - 12:00 & 13:00 - 17:00 E 1031 - CBI
					Workshop	18/01/2017	9:00 - 12:00 & 13:00 - 17:00 E 1031 - CBI
	<b>Introduction to Next Generation Sequencing Data Analysis</b>	Cronenbourg Campus (course in French)	21 h	S	Workshop	19, 20 & 23/01/2017	Cronenbourg Campus 23 rue du Loess 67200 Strasbourg To register : contact Gabrielle Boulanger (formation@alsace.cnrs.fr)
		Cronenbourg Campus (course in English)	21 h	S	Workshop	28 - 29/09 & 02/10/2017	
	<b>Introduction to Ensembl Genome browser and Biomart</b>	Stéphanie Le Gras	3 h	S	Workshop	03/02/2017	14h00-17h00 ESBS -E 222 (max 8 students)

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<b>Proteins solubility, stability and aggregation</b>	Marc Ruff	6 h	S	Talk	06/02/2017	9h00-12h00 & 14h00-17h00 E1031 - CBI
<b>The Mouse Model For Basic &amp; Biomedical Research</b>	Clinical Phenotyping of Mouse Models	7 h	S	Talks	07/02/2017	8h30-10h00 E1031 - CBI
	Genetic Engineering and Mouse Model Validation			Talks	07/02/2017	10h00-12h00 E1031 - CBI
	Ethics and Regulation			Talks	07/02/2017	13h00-15h00 E1031 - CBI
	E. Bedu, M.C. Birling, I. Goncalves Da Cruz, Laurent Pouilly and the Mouse Clinical Institute			Workshop	08/02/2017	13h30 - 15h00 G1 Meeting point : ICS ground floor in front of the lift 8 students / group
		15h00 - 16h30 G2 Meeting point : ICS ground floor in front of the lift 8 students / group				
<b>Presenting Science</b>	Matthias Mayer	14h	SP	Workshop	13/02/2017	10h - 13h00 & 14h00 - 18h E 1031 - CBI (max 10 students)
					14/02/2017	9h - 12h45 & 13h45 - 17h00 E 1031 - CBI & E 1029 - CBI
<b>Introduction to the Determination of Protein and Protein Complexes Structure by X-Ray crystallography</b>	Alberto Podjarny	2 h	S	Talk	17/02/2017	10h00-12h00 E1031 - CBI (max 20 students)
<b>Good Scientific Practice – Protecting Scientific Integrity</b>	Dr Michel Gommel Institut für systemische Medizin- und Organisationsethik - Berlin	12 h	SP	Workshop	20 & 21/02/2017	9:30 - 12:30 & 13:30 - 18:00 9:00 - 13:00 (max 16 students) E 1031 - CBI

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<b>The Fourier Transform and its applications in Biology</b>	Marc-André Delsuc	3 h	S	Workshop	27/02/2017	14h - 17 h ESBS E222 (max 8 students)
<b>Proteomic analysis by mass spectrometry approaches</b>	Marc-André Delsuc & Wolfgang Raffelsberger	2 h	S	Talk	28/02/2017	10h00-12h00 E1031 - CBI (max 20 students)
<b>Viral Vectors</b>	Belinda Cowling, Francoise Piguet, Pascale Koebel & Paula Rossolillo	4 h	S	Talks	06/03/2017	8h00 - 12h00 E 1031 - CBI (max 20 students)
<b>Introduction to the Galaxy Platform</b>	Stéphanie Le Gras	2 h	S	Workshop	10/03/2017	14h00 - 16h00 ESBS -E 222 (max 15 students)
<b>An Introduction to sequence analysis</b>	Laurent Bianchetti	4 h	S	Workshop	13/03/2017	14h - 18 h ESBS E222 (max 10 students)
<b>Molecular visualisation using PyMol</b>	Bruno Kieffer	4 h	S	Workshop	17/03/2017	14h - 18 h ESBS E222 (max 10 students)
<b>High Throughput Cell Based Screening</b>	Laurent Brino	3 h	S	Talk	24/03/2017	14h00 - 17h00 <b>E3029 - CBI</b> (max 20 students)
<b>Chromatin Immunoprecipitation followed by deep sequencing</b>	Stéphanie Le Gras	6 h	S	Session including visit of Deep sequencing platform Stéphanie Legras	G1 : 04/04/2017 G2 : 06/04/2017	14h00-18h00 ESBS -E 222 (max 15 students)
<b>RNA Sequencing</b>	N. Charlet - C. Keime – T. Ye	3 h	S	Talk	07/04/2017	9h00-12h00 E1031 - CBI

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<b>Programming with Python</b>	JM Wurtz	3 x 4 h	S	Workshop	11,12 & 13/04/2017	9h00-13h00 ESBS E222 (max 10 students)
<b>Chromatin Immunoprecipitation followed by deep sequencing</b>	Philippe Kastner	2h	S	Talk	19/04/2017	9h00-11h00 E1031 - CBI
<b>Scientific Communication &amp; Publishing 9 hours</b>	Behind the Scenes of Scientific Publishing Thomas Lemberger - EMBO	3 h	SP	Talk	25/04/2017	9h00 - 12h00 E 1031 - CBI (max 20 students)
	Make Science Make Sense - communicating science with non-scientists Samuel Caddick, EMBO	6 h	SP	Workshop	26/04/2017	9h00-12h00 & 13h00-16h00 E 1031 - CBI (max 20 students)
<b>Imaging Techniques</b>	B. Gurchenkova - J.L Vonesch & the Imaging Platform	7 h	S	Workshop	27/04/2017	9h00 - 12h30 : CBI E1031 14h00 - 17h30 : Centre Imagerie (max 12 students)
<b>Basics on Image J</b>	B. Gurchenkova - J.L Vonesch & the Imaging Platform	7 h	S	Workshop	28/04/2017	9h00 - 12h30 14h00 - 17h30 CBI E 1031 (max 10 students)
<b>From Bench to Business</b>	Basis and good practices for efficient protection, transfer and valorization of research innovations. Vincent Bischoff & Collaborators	7h	SP	Talks	10/05/2017	9h00 - 12h30 14h00 - 17h30 E 1031 - CBI (max 20 students)