

Training School on Molecular Scale Biophysics : Macromolecular interactions *in vitro*, comparing classical and new approaches

PROGRAMME Monday, June 3rd ☉ Amphitheatre building 21

8h00-8h30	Welcome and registration
8h30-9h15	Introduction to macromolecules interactions <i>in vitro</i> and examples JB Charbonnier, P. Minard (I2BC)
9h15-10h00	Trainees flash presentations
<i>Coffee Break</i>	
10h30-11h15	Isothermal Titration Calorimetry (ITC) A Velazquez Campoy (BIFI Universidad de Zaragoza, Spain)
11h15-12h00	MST S Uebel (MPI Biochemistry Core Facility Martinsried Germany)
<i>Lunch ☉ Restaurant building 20</i>	
13h50-14h30	AUC-SECMALS C Ebel (IBS, Grenoble, France)
14h30-15h10	Bio-Layer Interferometry (BLI) A Roussel (AFMB Marseille, France)
15h10-16h30	switchSENSE E Ennifar (IBBMC Strasbourg, France)
<i>Coffee Break</i>	
17h00-17h40	SPR E Gueneau (GE Healthcare Europe GmbH)
17h40-18h20	Quality control B Raynal (Institut Pasteur, Paris, France)
18h30-19h30	Free time
<i>Dinner ☉ Restaurant building 20</i>	

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Tuesday, June 4th and Wednesday, June 5th ☉ Biophysics platform basement building 34

Practice on the instruments (see group schedule below)

Thursday, June 6th and Friday, June 7th ☉ PC rooms building 31

Data analysis on the computer (see group schedule below)

	Tuesday			Wednesday			Thursday				Friday	
	switch SENSE	AUC- SECMALS	MST- ITC	AUC- SECMALS	switch SENSE	BLI	switch SENSE	AUC- SECMALS	ITC	BLI	MST	MST
8h30-10h00 <i>Coffee Break</i> 10h30-12h00	A	B	CD	D	C	BA	AB	CD	AB	CD	AB	CD
<i>Lunch</i>												
14h00-15h30 <i>Coffee Break</i> 16h00-17h30	D	C	BA	A	B	CD	CD	AB	CD	AB		

17h30-19h30 Free time

Dinner ☉ Restaurant building 20 (except on Thursday that a social event will be organized)

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Friday, June 7th ☉ Library 2nd floor building 34

14h00-14h45	Keynote 1. A single molecule approach of macromolecule interaction measurement T Strick (ENS, Paris, France) Keynote 2. Multiapproaches to study molecular motors and cargos J Ménétrey (I2BC)
14h45-15h30	<i>Coffee Break</i>
16h00-17h30	Debriefing