



Glyco@Alps
Univ. Grenoble Alpes



Structural Glycoscience Summer School

Grenoble, 5-7 June 2023

Organisation committee

Anne Imberty

Serge Perez

Romain Vivès

Claire Olinet



40 PARTICIPANTS FROM 21 NATIONALITIES + 4 FOREIGN SPEAKERS

18 COST COUNTRIES



9 GLYCO@CLUB

Angela	Martin-Serrano Ortiz	DCM
Batoul	Moubarak	CERMAV/LPCV
Irene	Herrera González	DCM
Jahnavi	Jangala	IBS/LPCV
Paul	Aguirre	CERMAV/LRP
Poushalee	Dutta	IBS
Rebecca- Joe	Boustany	IBS
Espérance	Aho	IBS / BRM
Yadiel	Vazquez	CERMAV/MPI



PROGRAM

Monday 5 June at CERMAV

08:30 Registration open

09:00 Introduction Anne, Romain & Serge
Welcoming to CERMAV Laurent Heux

09:25 From monosaccharide to polysaccharides, from structures to database 3D
Serge Perez

10:10 Coffee break

10:30 Docking and Molecular modelling
Elisa Fadda

11:15 Protein-sugar interaction :
Isothermal Titration Calorimetry
Bruce Turnbull

12:00 Glycobioinformatics
Frédérique Lisacek

12:30 Lunch

ITC Group 1	ITC nanobio Group 2	Database & Modeling Groups 3 & 4
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Database & Modeling Groups 1 & 2	ITC Group 3	ITC nanobio Group 4
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16:30 Coffee break

16:45 Poster session

18:30 Wine & cheese aperitif

Tuesday 6 June at IBS

08:30 Welcoming to IBS

08:40 Protein-sugar interaction :
Surface Plasmon Resonance / BLI
Jean-Baptiste Reiser

09:25 Introduction to single particle electron microscopy
Rebekka Wild

10:10 Coffee break

10:30 Solution studies: Analytical ultracentrifugation, SAXS, MALS, and mass photometry
Caroline Mas

11:15 NMR of oligosaccharide and protein oligosaccharide complex
Tony Molinaro

12:00 Viral glycoscience
Elisa Fadda

12:30 Lunch

SPR Group 1	AUC SECMALLS Group 2	RMN Group 3	CryoEM Group 4	Meet Speakers Groups 5&6
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15:00

SPR Group 5	AUC SECMALLS Group 6	RMN Group 1	CryoEM Group 2	Meet Speakers Groups 3&4
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16:25 Coffee break

SPR Group 3	AUC SECMALLS Group 4	RMN Group 5	CryoEM Group 6	Meet Speakers Groups 1&2
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18h05
19h30 Networking aperitif

Wednesday 7 June at IBS

08:30 Protein X-ray crystallography and glycobiology
Annabelle Varrot

09:15 Visit of ESRF
Monsterrat Soler Lopez

11:00 Coffee break

11:15 Heparan Sulfate oligosaccharides
Romain Vives

12:00 Diplomas, Conclusions

Bar privatisé pour mardi soir

Group 1, 3 & 5 : SPR & RMN

Group 2, 4 & 6 : UC/SECMALLS & CryoEM

POINTS FORTS

Les cours



Les posters au soleil



Les travaux pratiques



La visite de l'ESRF



Et le bar



BUDGET (VERSION APPROXIMATIVE)

- Recettes

Cermav	1000 €
Gral	1500 €
COST action (+ Voyage et séjour de tous)	2500 €
Glyco@alps	6 000 € (max)
Total	11 000 €

- Dépenses

Repas	4000 €
Pause café	1500 €
Petit matériel/repro	500 €
Remboursement manips	5000 € (max)
Total	11 000 €