



WELCOME !

Station biologique de Roscoff
June 17-22, 2018

Organizers



Morgane Thomas-Chollier



Nathalie Lehmann



Nicolas Servant



Marc Deloger



Erwan Corre



Agnès Paquet



Kevin Lebrigand



Marie-Agnès Dillies



Antonio Rausell



Akira Cortal

Instructors



Morgane Thomas-Chollier



Agnès Paquet



Hannes Arnold
10X Genomics



Nathalie Lehmann



Nicolas Servant



Marc Deloger



Hervé Isambert



Luca Albergante



Antonio Rausell



Akira Cortal

We are funded by



Schedule

Programme synthétique de l'Ecole sinceITE 2018

	Session	Durée session	Dimanche 17/06	Lundi 18/06	Mardi 19/06	Mercredi 20/06	Jeudi 21/06	Vendredi 22/06
	Groupes		Tous	Tous	Tous	Tous	Tous	Tous
AM	9:00-10:15	1:15		Technologies and experimental approaches <i>Kevin Lebrigand</i>	Biological applications <i>Agnès Paquet</i>	Statistical models and analyses <i>Antonio Rausell</i>	Pseudo time and cellular cycle <i>Luca Albergante</i>	Epigenomics <i>Morgane Thomas-Chollier</i>
	10:15-10:45			Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
	10:45-12:30	1:45		Technologies and experimental approaches <i>François Spitz</i>	Paper reading and analysis <i>Heather Marlow</i>	Statistical models and analyses <i>Antonio Rausell</i>	Pseudo time and cellular cycle <i>Luca Albergante</i>	Epigenomics <i>Morgane Thomas-Chollier</i>
	13:00-14:15			Lunch	Lunch	Lunch	Lunch	Closing
PM	14:30-16:00	1:30		Mapping, quality control and quantification <i>M. Deloger, N. Servant</i>	Experimental design and normalization <i>Agnès Paquet</i>	Statistical models and analyses <i>Antonio Rausell</i>	Network inference <i>Hervé Isambert</i>	14h -- End of the school
	16:00-16:30			Coffee break	Coffee break	Coffee break	Coffee break	
	16:30-18:00	1:30		Mapping, quality control and quantification <i>M. Deloger, N. Servant</i>	Normalization, UMI and spike-ins <i>Agnès Paquet</i>	Social event (Batz island) + group photo	Network inference <i>Hervé Isambert</i>	
	18:00-19:15	1:15	Welcome, computer checking	Stands (10X Genomics, Biorad)	Temps libre		Round table about students projects	
Soirée	19:30-21:00	1:30	Welcome diner	Diner	Diner	Diner	Gala diner (starting at 19)	
			Round table (instructors and students)	Instructors meeting				

Theory
Practice

Schedule

Kevin Lebrigand (30') : Single cell transcriptome technologies
Hannes Arnold (30') : 10xGenomics technology and future development
Kevin Lebrigand (15') : Single cell technological next steps
François Spitz (1h15') : Mars-seq technology, actual experimental cases
Heather Marlow (30') : Introduction to paper reading session

Programme synthétique de l'Ecole sincelITE 2018

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Theory

Practice

Social event

Wednesday afternoon

Departure from Roscoff : 16h30

Departure from Batz island : 18h30



Please register before Wednesday at noon

Any question ?

Don't hesitate to ask