



Training School in Bioinformatics for P2x Single-cell genomics

July 1-2, 2024

Venue: Departamento de Engenharia Informática, Faculdade de Ciências e Tecnologia, Universidade de Coimbra, Pólo II - Pinhal de Marrocos, 3030-290, Coimbra, Portugal

Meeting purpose: Introduction to scRNAseq data analysis

DAY 1

TIME	TITLE	PRESENTER
9:30-9:45	Welcome address and course overview	Organizers
9:45-10:15	Single-cell Sequencing Experiments	Cátia Moutinho, The Single-Cell World
10:15-10:45	10x Genomics Single Cell Sequencing Technology	Ana Borges, 10x Genomics
10:45-11:15	Coffee Break	-----
11:15-11:45	Applications of 10x Genomics Technology	Rui Amaral Vieira, Universidade Lisboa
11:45-12:15	Applications of 10x Genomics Technology 2	Ana Falcão, Universidade do Minho
12:30-14:00	Lunch	-----

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DAY 1 (Cont.)

TIME	TITLE	PRESENTER
14:00-14:30	To Be Determined	Manuela Ferracin
14:30-15:00	To Be Determined	Ilaria Pace
15:00- 15:30	Steps of scRNAseq analysis	Hugo Lainés, Gulbenkien
15:30-16:00	Practical Session I: Introduction to Cell Ranger	Paula Nieto, CNAG
16:00-16:30	Coffee Break	-----
16:30-17:30	Practical Session II: Hands on Cell Ranger (Paula, CNAG, BCN) 3'data	Paula Nieto, CNAG
17:30-18:00	Round table I	Available speakers

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DAY 2

TIME	TITLE	PRESENTER
9:30-10:00	Introduction to BD Technology	Diogo Silvério, Enzifarma
10:00-10:30	Data analysis for Rhapsody	BD representative
10:30-11:00	Coffee Break	-----
11:00-12:30	Practical Session III: EMBL-Expression Atlas
12:30-14:00	Lunch	-----
14:00-14:30	AI tool for P2X Single Cell	Wiam Echchih
14:30-15:30	Round table II	Available speakers
15:30-16:00	Closing session	Organizers
16:00-16:30	Coffee Break & Farewell	