

Qlife

Quantitative Biology Winter School Series

SYSTEMS IMMUNOLOGY

MARCH 2ND - 6TH, 2020 - PARIS

LECTURERS & INSTRUCTORS

Grégoire ALTAN-BONNET, Bethesda
Philippe BOUSSO, Paris
Sarah COBEY, Chicago
Rob De BOER, Utrecht
Florent GINHOUX, Singapore
Claire HIVROZ, Paris
Encarnita MARIOTTI-FERRANDIZ, Paris
Pierre MILPIED, Marseille
Thierry MORA, Paris
Nina PAPAVALIOU, Heidelberg
Leïla PERIÉ, Paris
Claude-Agnès REYNAUD, Paris
Hélène SALMON, Paris
Aleksandra WALCZAK, Paris
Josh WATERFALL, Paris

COORDINATOR

Patrick CHARNAY, Paris

PSL University and its Qlife program in Quantitative Biology organize their third winter school around the theme of Systems Immunology.

The workshop will cover the latest advances in diverse technological approaches, including single-cell omics, TCR repertoire analysis and imaging.

It will introduce applications in diverse fields including cancer immunology, pathogen response, and evolutionary dynamics and will integrate physical, molecular, tissue and population level approaches.

In addition to computational techniques, it will also highlight Fermi-problems and back-of-the-envelope analytical approaches.

Common lunches and dinners with the speakers and instructors will foster informal discussions.

The winter school is limited to 24 participants. It is open to M2 students and PhD students, as well as postdocs, engineers and junior scientists with backgrounds in biology, physics, computer science or mathematics.

Basic experience in file manipulation under Unix/Linux and in Python or R programming is required.

Additional information is available on:

<https://www.enseignement.biologie.ens.fr/spip.php?article216>

APPLICATION DEADLINE DECEMBER 1ST, 2019

REGISTRATION FEES: 150 € *

- Registration link: <https://bit.ly/2kughld>
- In addition, provide a CV, a motivation letter (including justification for travel grant if requested) and a supporting letter from a supervisor with "Qlife Systems Immunology winter school 2020" as object to melissa.dewulf@curie.fr

* Fees cover food and lodging from Monday morning to Friday afternoon.
Some travel grants will be available.



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