PSL University and its Q-Life program in quantitative biology organize its first winter school around the related themes of transcription and nuclear architecture. The workshop will cover the latest advances in single-cell transcriptomics and single-molecule approaches, as well as dynamical modelling of gene networks and chromosome organisation. In addition to lectures from a broad range of experts, participants will be introduced to the know-how through performing digital simulation work.

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

The school is designed for Master 2 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?article205

(see QR code below)

**APPLICATION DEADLINE DECEMBER 13TH, 2018**

**REGISTRATION FEES: 150 €**

- Register through the following link: [http://k6.re/Gd7G5](http://k6.re/Gd7G5)
- In addition, provide a CV, a motivation letter (including justification for travel grant when requested) and a supporting letter from a supervisor to qlife@psl.eu with “Q-Life winter school 2019” as object.

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