

**Postdoctoral position in Theoretical Biophysics (Montpellier, France):
*Gene Expression Modeling***

A postdoctoral position in Theoretical Biophysics is available within the “Complex Systems and Non-Linear Phenomena” group of the *Laboratoire Charles Coulomb* (CNRS, University of Montpellier) located in the South of France (one year position with a possible extension to two depending on funding availability).

This position is funded by the LabEx (*Laboratoire d'Excellence*) NUMEV and the person hired will participate in a NUMEV Flagship Project, “Gene Expression Modeling” (GEM), devoted to the experimental and theoretical study of genome-wide transcription and translation, as well as the coupling between these two fundamental biological processes. This project involves a close collaboration between biologists, bioinformaticians, and biophysicists. The hired biophysicist will model the motion of ribosomes and RNA polymerase along RNA and DNA, respectively, using the theory of out-of-equilibrium one-dimensional transport and polymer physics.

Candidates should have previous research experience in Theoretical Biophysics and master both the theoretical and numerical methods of Statistical Physics appropriate to the study of complex biological systems.

Interested candidates with a Ph.D. and the appropriate experience are encouraged to apply. The expected starting date is in 2019, although some flexibility is possible.

Information about current projects of the “Complex Systems and Non-Linear Phenomena” group can be found at

<https://www.coulomb.univ-montp2.fr/-Equipe-Systemes-Complexes-et->

To apply for this position please submit a cover letter describing research experience and interests, a CV, and contact information for three references to:

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