Postdoctoral positions in Machine Learning applied to Computational Biology
at Royal Holloway University of London and Yale University

Applications are invited for postdoctoral positions to work on a joint research project between the labs of Alberto Paccanaro, Dept. of Computer Science at Royal Holloway University of London and the lab of Mark Gerstein, Program in Computational Biology & Bioinformatics at Yale University.

The postdocs will work with Alberto Paccanaro and Mark Gerstein on developing novel approaches to predict phenotypes associated with various genes and variants.

The successful candidates will also have the opportunity to work with the lab of Alberto Paccanaro and Mark Gerstein on other projects in the area of Systems Biology and Network Medicine – please see Paccanarolab.org and Gersteinlab.org for a description of the research carried out in the labs.

The posts are ideal for someone with a computer science or maths background who is looking to move into computational biology.

Candidates should have a Ph.D. in a relevant quantitative field (e.g. Computer Science, Statistics, Engineering), a strong background in machine learning and a keen interest in computational biology. Previous experience in the areas of graph-based semi-supervised learning methods and/or recommendation systems and/or graphical models would be an asset for these positions.

Successful candidates will divide their time between London and New Haven. The Department of Computer Science is located on Royal Holloway's pleasant campus in Egham, just outside London (royalholloway.ac.uk). Yale is located in New Haven, CT (yale.edu).

The positions are for 3 years, beginning in the summer 2018.

Applicants should send a CV including a list of publications, a statement of research interests, and names and contact information of 3 referees electronically to alberto.paccanaro@ rhul.ac.uk and mark@gersteinlab.org. If you wish to discuss details of the position, please contact Alberto Paccanaro and Mark Gerstein at the same addresses.