MAGDALEN COLLEGE
OXFORD

Two Calleva Centre four-year Postdoctoral Research Associates:
Understanding evolution using molecules and their markers

The College proposes to appoint two Postdoctoral Research Associates in connection with an interdisciplinary project entitled "Understanding evolution using molecules and their markers." The posts are full-time for four years starting as soon as possible. Candidates must hold or be close to completing a doctorate in biophysics, structural biology, molecular biology or a related discipline. One post (PDRA1) will focus on proteins related to human perforin which play key roles in neurodevelopment, neurodevelopmental and degenerative disorders, and the infection of humans by parasites affecting human behaviour and long-term human evolution. The second post (PDRA2) will focus on proteins which play complex roles coordinating cell biology between the nucleus where they impact on gene expression, and the cell surface where they help control cell adhesion.

We are looking for outstanding candidates with well-developed expertise in biophysical methods for protein interaction analysis, and a knowledge of and interest in biological systems relevant to this Calleva Centre project. Appointees will need to have a proven track record in the independent management of a discrete area of a research project and of working as part of a larger team to address shared goals.

The Postdoctoral Research Associates will be responsible for research activities such as performing experiments, interpreting data, developing hypotheses for testing and the preparation and publication of manuscripts.

The location of the jobs will be in Oxford. In addition to their base at Magdalen College, both Postdoctoral Research Associates will have access to appropriate laboratory space and facilities.

The appointments will be made on grade 7 of University Salary Scale, currently £31,604 - £38,833 p.a.

Application forms and further particulars, which include information on how to apply, are available at www.magd.ox.ac.uk/job-vacancies/. The deadline for applications is UK time 12 noon on 3 September 2018.

Magdalen College is an Equal Opportunities Employer.