

## Job Description – Postdoctoral Research Scientist

<b>Department</b>	Signalling
<b>Grade</b>	BI 6
<b>Salary range</b>	£30,751 to £33,000 per annum
<b>Length of appointment</b>	36 months
<b>Location</b>	Babraham Institute
<b>Working Hours</b>	37 hours

### Job Profile Summary

This post is to work on a 3-year, BBSRC-funded project in the Florey Lab, part of the interactive Signalling Programme at the Babraham Institute. This project will investigate the molecular mechanisms through which a recently discovered, non-canonical autophagy pathway controls the immune system, and how this changes with age.

### Key areas of Responsibility

- Build on important recent findings from the lab (*Fletcher et al.* 2018. EMBO Journal doi: 10.15252/emj.201797840).
- Use a range of techniques including fluorescent microscopy, flow cytometry and transcriptomic analysis, to study immune cells derived from existing novel mouse strains.
- Participate in an active programme of group meetings and departmental seminars.
- Training and mentoring students and postdocs in the group.
- Representing Florey lab science and the Institute at national and international meetings.
- Maintain up to date research notes and protocols.
- Participate in general running of the lab.

## Person Specification

Criteria	Essential (✓)	Highly Desirable (✓)	Desirable (✓)	Shortlisting (please indicate the specific criterion that can be shortlisted) (✓)
<b>Education &amp; Qualifications</b>				
PhD in cell biology, immunology, biochemistry or a related biological discipline	✓			✓
<b>Relevant Experience</b>				
Experience in the immune system or autophagy fields			✓	✓
Experience in isolating bone marrow derived mouse cells			✓	✓
Managing mouse colonies			✓	✓
<b>Knowledge &amp; Skills</b>				
Able to comprehend and communicate in the English language to a level appropriate for the position	✓			
Excellent interpersonal skills with the ability to communicate with staff at all levels	✓			
Ability to work independently and as part of a team	✓			
Excellent accuracy and attention to detail	✓			
Excellent organisational skills, with good time management	✓			
Strong IT skills, including Microsoft Office	✓			
<b>Personal Attributes &amp; Characteristics</b>				
Ability to make independent decisions and solve routine problems	✓			
Self-motivated and adaptable to change	✓			
Empathy with the life sciences work of the Institute	✓			
Able to handle confidential information with discretion	✓			
Willing to work flexibly at times	✓			
<b>Additional Requirements</b>				
Awareness and understanding of the benefits of an equal and diverse workplace.	✓			

## The Babraham Institute

### POSTDOCTORAL RESEARCH SCIENTIST (PD-OF-LT)

#### INFORMATION ON TERMS & BENEFITS

**The following is for information only and is not contractual statement of terms and conditions.**

Holiday Entitlement	25 days per annum
Bank Holidays	Applicable to England and Wales
Christmas Closure days	3 days
Pension Scheme	<p>Babraham Institute is able to offer membership of a Group Personal Pension Scheme.</p> <p>We will provide you with details of this scheme once you commence work. Membership of the scheme is not compulsory but it is designated as Babraham Institute's Stakeholder exempt plan. The Institute does not make contributions to other personal pension schemes.</p>
Restaurant Facilities	There are a number of facilities on site.
Onsite Accommodation	The Institute has a number of hostels, flats and houses which can be rented. (There is currently a waiting list for all types of accommodation.)
Social	Sports & Social Club
Nursery	Nursery and Holidays Playscheme on site. (Availability of places is dependent on demand.)
Car Parking	<p>There is free car parking in the Institute Car Park.</p> <p>The Institute is committed to the implementation of a commuting strategy to try and reduce the growth in numbers of cars used to travel to work</p>

**Any offer of employment will be subject to security screening and may be subject to health screening. Any offer may also be subject to a general medical**

