



Job title	Research Associate/Fellow	Job family and level	Research and Teaching Level 4 (Appointment will be Level 4 Career training grade where an appointment is made before PhD has been completed)
School/ Department	Biosciences/ Animal Sciences	Location	Sutton Bonington Campus

Purpose of role

To carry out research developing novel protocols for the derivation of novel stem cell/iPSC from livestock species. The role involves working within a team designing and conducting experiments using relevant techniques, analysing and writing reports and publications.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	Research <ul style="list-style-type: none">To independently design, plan, carry out and analyse cellular and molecular biology-based research, as well as undertake other duties, such as administration where appropriate.	75%
2	Dissemination of research results <ul style="list-style-type: none">To significantly contribute to the writing up of research papers, reports and presentation of research findings at high level national and international meetings to maintain Institute and University recognition.	10%
3	Support junior members of the group <ul style="list-style-type: none">To assist in the supervision and training of undergraduate or postgraduate students, and technical staff as appropriate.	5%
4	Engage in Professional Development activities <ul style="list-style-type: none">To continue developing professional research skills, keeping knowledge up to date through attendance at seminars and conferences, and initiate internal/external collaborations where appropriate.	5%
5	Adhere to H&S regulations <ul style="list-style-type: none">To contribute to the safe and well organised functioning of the laboratory.	5%

Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> • Demonstrable laboratory skills of molecular and cell biology • Excellent oral and written communication skills. • Ability to build relationships and collaborate with others, internally and externally. • Good time management skills, ability to prioritise and meet deadlines 	<ul style="list-style-type: none"> • Demonstrable ability to analyse and interpret data, together with the ability to evaluate and critique publications and literature of others, and to bring new insights. • Data handling skills (imaging data, gene expression analysis data etc).
Knowledge and experience	<ul style="list-style-type: none"> • Experience in molecular and cellular biology techniques. • Experience in mouse/human embryonic stem cells culture (or equivalent, i.e iPS cells, other pluripotent stem cells) and their analyses (gene expression analysis, ChIP-qPCR, gene targeting/gene editing of stem cells and FACS analysis) • Evidence of sufficient breadth or depth of research methodologies and techniques to work in the required research area (stem cell biology and developmental biology). • Evidence of sufficient level of knowledge obtained from recent publications in stem cell biology and developmental biology. 	<ul style="list-style-type: none"> • Experience in manipulations of early mammalian embryos • Experience in next generation sequencing experiments and analyses (library constructions, omics data handling and analyses). • Relevant publication records in the area of stem cell and/or developmental biology.
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> • PhD in stem cell or developmental biology or related area of biological science (PhD students about to submit their thesis in a relevant area of stem cell biology will be considered). 	



The University of Nottingham is focused on embedding equality, diversity and inclusion in all that we do. As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those with protected characteristics under the Equality Act 2010.

Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

Valuing people	Is always equitable and fair and works with integrity. Proactively looks for ways to develop the team and is comfortable providing clarity by explaining the rationale behind decisions.
Taking ownership	Is highly self-aware, looking for ways to improve, both taking on board and offering constructive feedback. Inspires others to take accountability for their own areas.
Forward thinking	Driven to question the status quo and explore new ideas, supporting the team to "lead the way" in terms of know-how and learning.
Professional pride	Sets the bar high with quality systems and control measures in place. Demands high standards of others identifying and addressing any gaps to enhance the overall performance.
Always inclusive	Ensures accessibility to the wider community, actively encouraging inclusion and seeking to involve others. Ensures others always consider the wider context when sharing information making full use of networks and connections.

Key relationships with others



