



Job title	Postdoctoral 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	School of Medicine, Population and Life Span Sciences	Location	Queen's Medical Centre, Nottingham

Purpose of role

To support the team of multidisciplinary scientists within the Watkins laboratory at the University of Nottingham's School of Medicine as well as collaborative partners at the University of Manchester on a project funded by the BBSRC. This multidisciplinary project will investigate the impact of paternal diet on aspects of male reproductive fitness, sperm quality, preimplantation embryo development and uterine responses in a mouse model. The post-holder will take initiative for the daily progress of the project, be involved in the dissemination of the research findings and will be expected to assist in the supervision of students within the Division. Furthermore, the post holder will also have the opportunity to identify areas for further investigation, develop research methods and enhance their own research portfolio.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	<ul style="list-style-type: none"> To take the lead on, plan, develop and conduct research using recognised approaches, methodologies and techniques within the objectives of the research program. 	60%
2	<ul style="list-style-type: none"> To analyse data, interpret results and contribute to the publication and presentation of the data in appropriate journals, seminars, conferences and public engagement events 	10%
3	<ul style="list-style-type: none"> To supervise and provide support to research project students and post-graduate students, where appropriate, within the lab. 	10%
4	<ul style="list-style-type: none"> To interact with collaborative grant partners and establish new associations to progress the overall focus and direction of the group and their own research profile. 	10%
5	<ul style="list-style-type: none"> To make a contribution to teaching that is in balance with wider contributions to research and other activities. 	10%
6	<ul style="list-style-type: none"> Any other duties appropriate to the grade and level of the role. 	

	<ul style="list-style-type: none"><li data-bbox="359 226 1297 360">▪ We recognise the importance of continuous professional development and therefore the importance of providing opportunities, structured support and encouragement to engage in professional development each year.	
--	--	--

Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> ▪ Evidence of sufficient breadth or depth of research methodologies and techniques to conduct a project on the impact of diet on reproductive fitness. ▪ Develop research skills with the ability to apply relevant research approaches, models, techniques and methods ▪ Ability to contribute to the further development of research focuses within the lab ▪ Excellent written and verbal communication and presentation skills. ▪ Ability to work to deadlines and prioritise tasks ▪ Highly motivated, able to work independently as well as part of the larger research group. ▪ Ability to acquire new skills and assimilate new techniques. 	<ul style="list-style-type: none"> ▪ Ability and commitment to learning and acquisition of essential skills and understanding to conduct the role. ▪ High analytical ability to interrogate data, interpret results, evaluate existing data and information and bring new insight to the research group. ▪ Knowledge of current innovations in the subject area.
Knowledge and experience	<ul style="list-style-type: none"> ▪ Significant experience in fields of reproductive developmental, molecular and or cellular biology. ▪ Experience of standard techniques for cell culture, analysis of biological material using conventional molecular and biochemical techniques ▪ Experience of supervising under and/or post-graduate students. 	<ul style="list-style-type: none"> ▪ Experience of working with animal models of dietary manipulation, reproduction and development. ▪ Experience of working with mouse preimplantation embryos, models of developmental programming, next generation sequencing technologies and large data-set analysis. ▪ An appreciation and willing to supervise under and postgraduate students
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> ▪ A PhD in biology, cellular/molecular biology, biochemistry or an appropriately related field or the equivalent in professional qualifications and experience in a research area OR near to completion of a PhD 	

Statutory, legal or special requirements	<ul style="list-style-type: none"> ▪ To uphold confidentiality of commercially important and/or relevant information 	
Other	<ul style="list-style-type: none"> ▪ Willingness to adopt the vision and values of the School of Medicine 	



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.

The School of Medicine holds a Silver Athena SWAN award in recognition of our achievements in promoting and advancing these principles. Please see <https://www.nottingham.ac.uk/medicine/about/athena-swan.aspx>



The University is a signatory of the Declaration on Research Assessment (DORA). As such we commit to focus on the scientific content of publications (where requested or provided as part of the recruitment and selection process) as a basis for review of quality, and consideration of value and impact of research conducted, rather than any proxy measures such as Journal Impact Factor.

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 friendly, engaging and receptive, putting others at ease. Actively listens to others and goes out of way to ensure people feel valued, developed and supported.
- Taking ownership** Is clear on what needs to be done encouraging others to take ownership. Takes action when required, being mindful of important aspects such as Health & Safety, Equality, Diversity & Inclusion, and other considerations.
- Forward thinking** Drives the development, sharing and implementation of new ideas and improvements to support strategic objectives. Engages others in the improvement process.
- Professional pride** Is professional in approach and style, setting an example to others; strives to demonstrate excellence through development of self, others and effective working practices.
- Always inclusive** Builds effective working relationships, recognising and including the contribution of others; promotes inclusion and inclusive practices within own work area.

Key relationships with others



