University of Nottingham
UK | CHINA | MALAYSIA

Role profile

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	School of Medicine, Mental Health and Clinical Neuroscience	Location	Hearing Sciences, University Park Campus

Purpose of role

The purpose of this role will be to have specific responsibility for research, for developing research objectives and proposals for a research project in the Auditory Cortical Circuits Lab. This will include collecting neurophysiological data, preparing histological tissues, carrying out analyses and tests, and the drafting of reports. You will be expected to plan and conduct work using approaches or methodologies and techniques appropriate to the type of research and will be responsible for writing up your work for publication.

You will explore the possibility of reversing neural changes, that occur after hearing-loss, to try to restore aspects of hearing-in-noise. To do this we will use opto/chemogenetic approaches to control the function of specific parts of the hearing circuit to try to restore complete or partial function. You will have the opportunity to use your initiative and creativity to identify areas for research, develop research methods and extend your research portfolio.

You will join an established team, led by Joseph Sollini, whose main areas of research interest include neurophysiology of hearing-loss and the function of auditory cortical neural circuits.

The School of Medicine recognises the importance of continuous professional development and therefore the importance of providing opportunities, structured support and encouragement to engage in professional development each year.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	**% time per year**
1	**Research Responsibilities:** • To manage, plan and conduct own research activity using recognised approaches, methodologies and techniques within the research area. • To resolve problems, in meeting research objectives and deadlines in collaboration with others. • To identify opportunities and assist in writing bids for research grant applications. Prepare proposals and applications to both external and/or internal bodies for funding, contractual or accreditation purposes.	70%
2	**Engagement, Communication and Continuation Responsibilities:**	20%

	• To write up research work for publication and/or contribute to the dissemination at national/international conferences, resulting in successful research outputs. • To collaborate with academic colleagues on areas of shared interest for example, course development, collaborative or joint research projects.	
3	**Teach, supervise, examine and personal tutoring:** • You are expected to make a contribution to teaching that is in balance with wider contributions to research and other activities.	10%
4	**Other:** • The School of Medicine 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.	N/A

Person specification

	Essential	**Desirable**
Skills	• Excellent oral and written communication skills, including the ability to communicate with clarity on complex information. • Ability to creatively apply relevant research approaches, models, techniques and methods. • Ability to build relationships and collaborate with others, both internally and externally. • High analytical ability to analyse and illuminate data, interpret reports, evaluate and criticise texts and bring new insights. • Ability to assess and organise resource requirements and deploy effectively.	
Knowledge and experience	• Practical experience performing aseptic neurosurgery and electrophysiological recordings. • Experience in use of research methodologies and techniques to work within area.	• Practical experience preparing/imaging and analysing histological tissues. • Experience working with rodent models.

		• Previous success in gaining support for externally funded research projects. • Experience of developing new approaches, models, techniques or methods in research area.
Qualifications, certification and training (relevant to role)	• PhD (or close to completion) or equivalent in biology, neuroscience, psychology, or a related field or the equivalent in professional qualifications and experience in research area	
Statutory, legal or special requirements	• Holds an active Personal Licence (PIL) to work with rodents.	
Other	• Willingness to adopt the vision and values of the School of Medicine.	

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