



Job title	Research Fellow/Research Associate	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, Translational Medical Sciences	Location	The East Midlands Campuses of the University of Nottingham

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 cardiovascular disease. 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 work for publication.

You will join an established team, led by Prof David Bates whose main areas of research interest include angiogenesis in cardiovascular disease and alternative splicing

You will have the opportunity to use your initiative and creativity to identify areas for research, develop research methods and extend your research portfolio.

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.

To find out more about the School of Medicine, its values, vision, teaching and research, please see our [further information leaflet](#).

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	Research Responsibilities: <ul style="list-style-type: none">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.	60%
2	Engagement, Communication and Continuation Responsibilities: <ul style="list-style-type: none">To write up research work for publication and/or contribute to the dissemination at national/international conferences, resulting in successful research outputs.	30%



	<ul style="list-style-type: none">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: <ul style="list-style-type: none">You are expected to make a contribution to teaching that is in balance with wider contributions to research and other activities.	10%
4	Other: <ul style="list-style-type: none">Any other duties appropriate to the grade and level of the role	N/A

Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none">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.	<ul style="list-style-type: none">Expertise with monocyte isolation and cultureExpertise with flow cytometry and immunofluorescenceExpertise with human cell isolation from blood.Use of confocal microscopy to image and quantify dual labelled cellsRNA extraction and amplificationRNA sequencing analysisWestern blotting
Knowledge and experience	<ul style="list-style-type: none">Some practical experience of applying the specialist skills and approaches and techniques required for the role.Experience in use of research methodologies and techniques to work within area.Knowledge of angiogenesis and endothelial cell migrationExperimental design skills and communicationExperience of developing new approaches, models, techniques or methods in research area	<ul style="list-style-type: none">Experience of developing new approaches, models, techniques or methods in research area.Primer design for PCR



Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none">• PhD or equivalent in cardiovascular cell biology or the equivalent in professional qualifications and experience in research area OR near to completion of a PhD.	
Statutory, legal or special requirements		<ul style="list-style-type: none">• Home Office License
Other	<ul style="list-style-type: none">• Willingness to adopt the vision and values of the School of Medicine.	





Expectations and behaviours

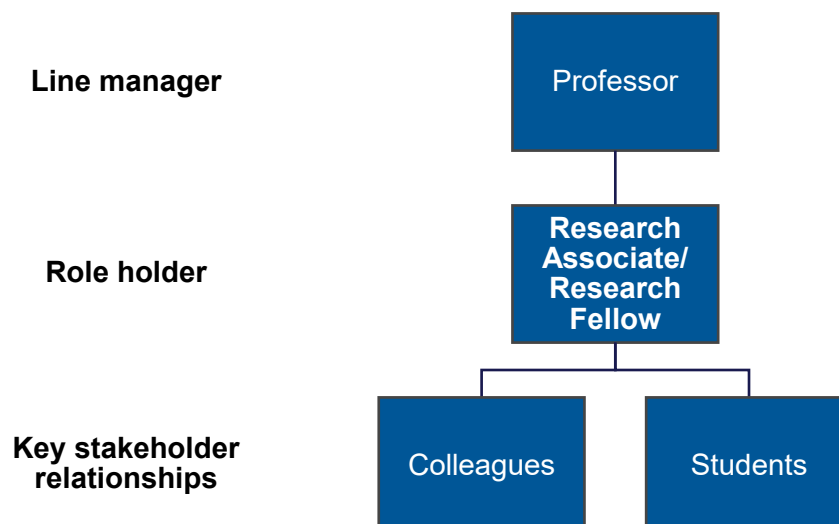
The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

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

This is a Smart Art diagram. Click on the boxes to enter the role holder's job title, line manager's job title and any direct reports (if applicable). If a role does not have any direct reports, remove this box by double clicking on it and pressing Delete.

****Please remove this paragraph of instructions before submitting the role profile****





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Role profile