



Job title	Research Associate/Fellow (Title will be 'Research Associate' where an appointment is made before PhD is completed)	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	Chemistry	Location	GSK Carbon Neutral laboratory and School of Chemistry

Purpose of role

The purpose of this role will be to develop deuteration methodology for the large-scale synthesis of medical imaging probes (MRI).

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	To plan and conduct research using recognised approaches, methodologies and techniques within the research area and support the development of research objectives and proposals for own and/or collaborative research area.	70%
2	To provide research leadership, including the supervision of graduate and Masters students, other lab members, and visiting students as appropriate.	5%
3	To be responsible for safe laboratory practice.	5%
4	To contribute to writing up research findings for publication.	5%
5	Contribute to the research culture and environment. This will include participating in School-wide meetings, specific research theme meetings, and group meetings. The successful candidate will also have the opportunity to contribute to teaching through tutorials, lab demonstrations, and/or workshops.	5%
6	You may be asked to perform other duties occasionally which are not included in the above but appropriate to the grade and consistent with the role.	5%
7	To provide guidance as required to support staff and students, where appropriate in own area of expertise.	5%

Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> ▪ Expertise in synthetic organic chemistry / methodology development, data analysis (NMR, MS, etc.), and data presentation (e.g. supporting information for publications) ▪ Excellent oral and written communication skills. ▪ Well organised and self-motivated, with effective time-management skills and the ability to manage the day-to-day running of a research project and pursue research objectives. ▪ Ability to work both independently and as an active member of a collaborative team, with senior and junior colleagues, both within the research group and externally. 	<ul style="list-style-type: none"> ▪ Previous experience in scale-up of reactions from milligram to gram scale. ▪ Previous experience with high-pressure reactors. ▪ Ability to foster a research culture and commitment to learn from others through enthusiasm and commitment to science. ▪ Ability to play a role in mentoring less experienced researchers in the group.
Knowledge and experience	<ul style="list-style-type: none"> ▪ Evidence of ability to conduct high quality organic chemistry research. ▪ Well organised and self-motivated with the ability to manage and complete projects on time. ▪ Evidence of working safely in a laboratory environment. 	<ul style="list-style-type: none"> ▪ Experience of developing new approaches, models, techniques or methods in research area.
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> • PhD (or close to completion of) in synthetic organic chemistry or a related area. 	
Statutory, legal or special requirements	<ul style="list-style-type: none"> • To take care for the health and safety of yourself and of other persons who may be affected by your acts or omissions at work in accordance with the Health and Safety at Work Act 1974, EC directives and the University's Safety, Health and Environment Policies and procedures and to cooperate with the University on any legal duties placed on it as the employer. 	



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



