



ROLE PROFILE

Job Title:	Research Fellow
School/Department:	Chemistry
Job Family and Level:	R&T Level 4
Contract Status:	Fixed term, 36 months
Hours of Work:	Full time 36.25 hours per week
Location:	School of Chemistry (Centre for Biomolecular Sciences)
Reporting to:	Prof. Panos Soultanas

	Main Responsibilities	% time per year
1.	You will be expected to plan and execute a research programme in the regulatory link between metabolism and DNA replication in bacteria.	70%
2.	You will be required to keep accurate record of your research (lab books, figures etc).	7%
3.	You will be required to engage in the daily mentoring of graduate and project students, and take responsibility for the safe running of the research laboratory.	10%
4.	You will be required to contribute to the publication of the research by drafting scientific articles.	5%
5.	You will be required to liaise with academic and industrial collaborators as appropriate.	5%
6.	You may be asked to perform other duties occasionally which are not included above, but which will be consistent with the role.	3%

Knowledge, Skills, Qualifications & Experience

	Essential	Desirable
Qualifications/ Education	Completed a PhD in Biochemistry, Microbiology or a related Life Sciences area.	Desirable to have completed one postdoctoral post.
Skills/Training	Outstanding experimental and laboratory skills. Excellent written, verbal and presentation skills. Proven ability to work as part of a team but also independently.	Ability to play a leading role in mentoring less-experienced researchers in a research group. Research experience across a wide range of areas, focussed on replication and metabolism in bacteria.
Experience	Experience in DNA replication, protein expression and purification, <i>in vitro</i> protein assays, molecular biology, molecular	Knowledge of the equivalent eukaryotic systems in replication and metabolism.

	microbiology, biophysical methods as applied in biomolecular interactions, radiation work, protein-protein and protein-DNA interactions, mutagenesis, enzyme characterisation, metabolic proteins, good literature knowledge of metabolism and replication.	
Statutory/Legal	To take reasonable 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.	