

MSc Molecular Pathology of Cancer

Molecular Pathology is a rapidly growing discipline which is having a major impact in medicine, revolutionising how we diagnose and treat patients and is at the heart of delivering precision or personalised medicine in cancer. It integrates genomics, digital imaging and bioinformatics with modern pathology approaches to underpin molecular diagnostics, therapeutics and clinical trials delivery within medical research, health services and industry. The course will address important topics such as next generation sequencing and digital pathology and their emerging roles in transforming cancer diagnostics and precision therapy.

By completing this MSc in Molecular Pathology of Cancer your theoretical knowledge and practical skills in Molecular Pathology will be enhanced, empowering you to pursue a career in academia, healthcare or industry. The programme focuses on innovation and entrepreneurship, emphasising Molecular Pathology's central role in Genomic Medicine.

The course delivery includes both traditional and distance learning (DL) approaches providing participants with maximum flexibility. Students will engage with leading Academics and have collaboration opportunities through the Cancer Research UK (CRUK) Accelerator network and with global biotechnology companies who have international reputations.

PROGRAMME OPTIONS

There are a variety of taught options available including:

PG Certificate Molecular Pathology of Cancer (15 weeks by traditional methods)

PG Certificate Pathology Informatics and Business Applications (15 weeks by DL)

KEY FACTS

Duration

1 Year Full-Time (3 years part time)

Entrance Requirements

A minimum 2.1 Honours degree or equivalent qualification acceptable to the University in a relevant biological subject is required. Evidence of equivalent professional qualifications (MBBS, BDS or BVSc) or experience will be considered on an individual basis. Intercalating students are encouraged. Applicants may be required to undertake an interview.

For information on international qualification equivalents please select 'Your Country' from the list on our International Students website.

Fees and Funding

Bursaries are available – see coursefinder. Visit go.qub.ac.uk/tuitionfees for up-to-date information on postgraduate taught tuition fees.

For information on funding opportunities available, visit the International and Postgraduate Student Centre go.qub.ac.uk/postgradfunding

International Students

International students (for whom English is not their first language), must be able to demonstrate their proficiency in English in order to benefit fully from their studies. Non-EEA nationals must also satisfy UK Visas and Immigration (UKVI) immigration requirements for English language for visa purposes. Evidence of an IELTS* score of 6.5, with not less than 6.0 in any component, or an equivalent qualification acceptable to the University is required (*taken within the last 2 years).

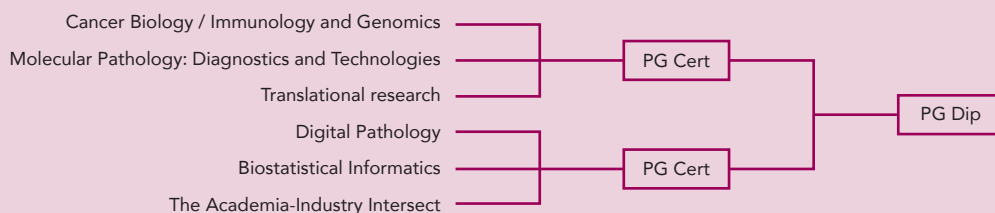
PG Diploma Requires completion of modules from both PG Certificates

Masters Full academic year – Completion of all taught components and research elements



PROGRAMME CONTENT AND ASSESSMENT

Assessments of course work will take place throughout the programme and will include presentations, written assignments, together with online tasks.



Masters: Requires completion of taught components and a research elements.

“The international experts who deliver this programme provide an unrivalled experience to successful applicants.”

Professor Manuel Salto-Tellez

CAREER AND OPPORTUNITIES

This programme will lead to a range of further options in the area of Molecular Pathology. Successful participants will be highly competitive to enter academic pathology jobs, contributing meaningfully to both high-end diagnostics and research. Participants can advance to further study at PhD level in this discipline. The programme will also provide participants with the knowledge and skills for employment within global biotechnology companies.

GET IN TOUCH!

Contact the Programme Co-ordinator
Dr Jacqueline James, if you have
any questions:

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