

Graduate Webinar

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Chair, Graduate Education Committee

Department of Pathology

Department of Pathology: History

- Founded in 1883 with the appointment of the first Professor of Pathology, Charles Roy
- Notable discoveries
 - Use of formaldehyde for fixing tissue samples
 - First therapeutic humanized monoclonal antibody: CAMPATH-1H



Department of Pathology: Today

- >330 staff (including graduate students)
- Roughly 40 research groups spread across four Divisions:
 - Cellular and Molecular Pathology
 - Immunology
 - Virology
 - Microbiology and Parasitology



Graduate Students in the Department

- Currently ~80 students in the Department
- Essential part of the Department's research activities
- Many graduate students also gain some undergraduate teaching experience



Graduate Programmes

- Pathology only offers research degrees at the graduate student level
- PhD
 - Three years embedded in a research lab
 - Preparation for a career in science
- MPhil
 - Intensive 9 months of research
 - Good preparation for PhD or industry



Key Educational Outcomes

- Research
 - Learn cutting-edge techniques for biomedical research
 - Learn how to formulate hypotheses and solve problems
 - Basis of future scientific career
- Communication
 - Students have opportunities to present their work as posters and talks within the Department and at conferences
- Professional Development
 - Time management, Teamwork

Graduate Activities in the Department

- Graduate Seminar Series
- Departmental Retreat
 - All students present posters once during studies
- Valedictory Seminars
 - Celebration at end of PhD studies
- Cambridge Science Festival
- ‘Happy Hours’

