

Department for
Continuing Education



Part-time postgraduate
**Experimental
Therapeutics
Programme**

In collaboration with the
Section of Clinical Pharmacology:

- MSc in Experimental Therapeutics
- Short Courses in Experimental Therapeutics



www.conted.ox.ac.uk/exptther

The Experimental Therapeutics Programme

Advanced, part-time modular study,
particularly suited to those in full-time
employment

The Programme draws on the world-class
research and teaching in experimental
therapeutics at the University of Oxford
and offers a unique opportunity to gain an
understanding of the principles that underpin
clinical research and to translate this into good
clinical and research practice.

Study options:

- A two-year part-time **MSc in Experimental Therapeutics**
- A range of **Short Courses in Experimental Therapeutics**



MSc in Experimental Therapeutics

The MSc consists of eight one-week, face-to-face taught modules over two years and a work-based research project. We have found that this approach suits professionals in full-time employment both in the UK and overseas. Graduates of the Programme will gain an in-depth understanding of both the theoretical and practical aspects of experimental therapeutics.

The course is delivered in intensive week-long modules over two years. These taught modules will include group work, discussions, guest lectures, and interaction and feedback with tutors and lecturers.

Practical work will develop the students' knowledge and understanding of the subject. Some non-classroom activities will be provided at laboratory facilities within the University.

During the second MSc year, a work-based research project, which builds on material studied in the taught modules, is undertaken and an associated dissertation forms an integral part of the work assessed for the award of the MSc.

Short Courses in Experimental Therapeutics

Each one-week module from the Experimental Therapeutics Programme may also be taken individually as a stand-alone short course.

Modules

The following six modules are compulsory when taken as part of the MSc in Experimental Therapeutics*:

- The Structure of Clinical Trials & Experimental Therapeutics
- Pharmacokinetics and Drug Therapy
- Pharmacodynamics, Biomarkers and Personalised Therapy
- Adverse Drug Reactions, Drug Interactions, and Pharmacovigilance
- How to do Research on Therapeutic Interventions: Protocol Preparation
- Biological Therapeutics



Two further modules must also be chosen:

- The Principles of Cancer Chemotherapy
- Rational Prescribing
- Structural Genomics and Drug Discovery

A range of modules from other CPD programmes may also be offered as elective modules.

* Modules may be subject to periodic change reflecting developments in the field.

Experimental Therapeutics in Oxford

The University of Oxford has a long-established and universally recognised reputation for excellence in clinical pharmacology and experimental therapeutics research.

The Oxford Experimental Therapeutics Programme results from a close collaboration between the Clinical Pharmacology Division and the Department for Continuing Education.

The Section of Clinical Pharmacology is mainly research-oriented, but also teaches and advises on the principles and practices of clinical pharmacology and therapeutics. It has active research groups focused on gene therapy, the design of small molecule drugs, pharmacogenomics, pharmacodynamics and the study of adverse drug reactions. Early phase I and II and multicentre phase III clinical trials are run through the Section.

The Department for Continuing Education has a long and successful record of providing part-time professional development designed to meet the needs of industry in the health and medical sciences as well as many other subject areas.

Other courses in health sciences

We offer a range of short courses and postgraduate programmes in cognitive therapy, evidence-based health care, health research, nanomedicine, paediatric infectious diseases, surgical science, and vaccinology.

Visit www.conted.ox.ac.uk/health for details.

Experimental Therapeutics Programme

Course Director:

Professor Leonard W. Seymour

Professor Len Seymour is a world authority on genetic medicine, with over 120 publications and several patents. Len is Professor of Gene Therapies, and Director of the Section of Clinical Pharmacology of the University of Oxford's Department of Oncology. He sits on a number of editorial and scientific advisory boards, was the founding President of the British Society for Gene Therapy, and is the current General Secretary of the European Society of Gene and Cell Therapy.

Contact details

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