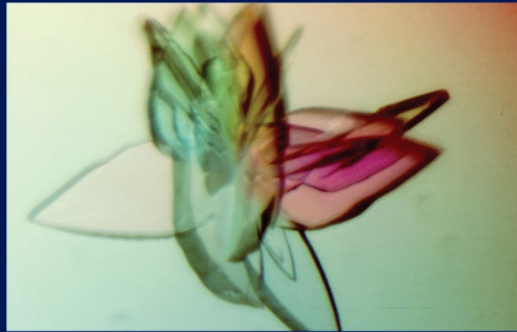


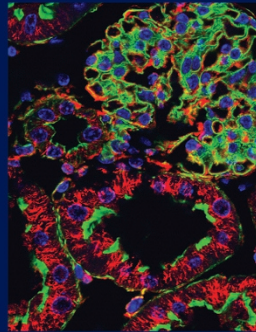
NUFFIELD
DEPARTMENT of
MEDICINE



UNIVERSITY OF
OXFORD



CRYSTALS GENERATED BY DR ERIKA MANCINI & MR THOMAS WALTER



DR P POLLARD & DR J ADAM



PHOTO BY PARAM TOMANEC

The Nuffield Department of Medicine Four year PhD Prize Studentships

The Nuffield Department of Medicine at the University of Oxford hosts one of the largest groupings of Biomedical Researchers in the University Sector. The last RAE rated it at the highest level in both basic science and clinical research across a wide range of fields. The Department has internationally renowned programmes in **immunology, biochemistry, structural biology, genetics, bioinformatics, infectious disease, molecular and cell biology, cancer, endocrinology and metabolic medicine, haematology, clinical trials and epidemiology, and tropical medicine.** The Department is committed to training the next generation of scientists in biological and clinical sciences through its graduate programme in the University of Oxford.



The four year PhD Prize Studentships are our flagship fully-funded awards, which are open to **outstanding candidates** of any nationality without restriction. Support for the programme comes from a variety of sources including the University of Oxford, the Ludwig Institute for Cancer Research, Medical Research Council and Clarendon Fund. In 2011 we expect to make at least 20 awards to students of the highest calibre. Students are full members of the University of Oxford and receive a stipend of £16,000/annum. In exceptional circumstances, additional awards may be made. These awards allow students to focus on research in a single laboratory for the full 4 years.



PHOTO BY NASIR HAMID

More details on the application process and the wide range of projects are available on the NDM website. Individual supervisors can also be contacted by email about their projects. The **closing date for applications is 7th January 2011** and interviews will take place on the 26th and 27th of January 2011.

**To find out more visit our website:
www.ndm.ox.ac.uk/prizestudentships**



CALL FOR PhD STUDENTS

The Graduate School at IST Austria invites applicants from all countries to its PhD program. IST Austria is a new institution located on the outskirts of Vienna dedicated to cutting-edge basic research in the natural sciences and related disciplines. The language at the Institute and the Graduate School is English.

The PhD program combines advanced coursework and research, with a focus on Biology, Computer Science, Neuroscience, and interdisciplinary areas. IST Austria offers internationally competitive PhD salaries supporting 4-5 years of study. Applicants must hold either a BS or MS degree or equivalent.

The Institute offers PhD students positions with the following faculty:

- **Nick Barton** Evolutionary and Mathematical Biology
- **Jonathan P. Bollback** Evolutionary Biology
- **Tobias Bollenbach** Biophysics and Systems Biology
- **Krishnendu Chatterjee** Game Theory and Software Systems Theory
- **Sylvia Cremer** Evolutionary and Behavioral Biology
- **Herbert Edelsbrunner** Algorithms, Geometry, and Topology
- **Cálin C. Guet** Systems and Synthetic Biology
- **Carl-Philipp Heisenberg** Cell and Developmental Biology
- **Thomas A. Henzinger** Software Systems Theory
- **Peter Jonas** Neuroscience
- **Christoph Lampert** Computer Vision and Machine Learning
- **Michael Sixt** Cell Biology and Immunology
- **Gašper Tkačik** Theoretical Biophysics and Neuroscience
- **Chris Wojtan** Computer Graphics

Additional faculty members will be announced on the IST website www.ist.ac.at.



For further information and access to the online application please consult www.ist.ac.at/gradschool. For inquiries, please contact gradschool@ist.ac.at. For students wishing to enter the program in the fall of 2011, the deadline for applications is **January 15, 2011**.
IST Austria is committed to Equality and Diversity. Female students are encouraged to apply.



W205533R

Wellcome Trust Sanger Institute Four-Year PhD Studentships

Registered at the University of Cambridge

The Wellcome Trust Sanger Institute is internationally recognized as one of the world's leading genome centres, and our programmes are at the forefront of experimental and computational genome research. These research programmes emphasise investigation of human genetic variation in health, cancer and other diseases, experimental genetic analysis of gene function in a variety of model organisms, biological studies of human and animal pathogens, and computational interpretation of genomic data.

Progress in biology is increasingly dependent on genomics, thus training in this area is not only rewarding, but will offer many opportunities in the future. Our graduate training programme is well established and has substantial support from the Wellcome Trust. We welcome applications from students who wish to join this exciting phase of our research as we move from genome sequence to genome function.

Highly competitive fully funded four-year studentships (tuition fees and stipend) will be available from October 2011 in the areas of genetics, functional genomics and computational biology. Studentships are open to UK and international students. For a full list of faculty research interests please see <http://www.sanger.ac.uk/research/faculty/>.

For more information about our graduate programme and details on how to apply please visit our website <http://www.sanger.ac.uk/workstudy/phd/> or follow us on twitter <http://twitter.com/sangerinstjobs/>.

Application closing date: 11th December 2010.

Please note that applying to our PhD programme is free.

Wellcome Trust Sanger Institute Clinical PhD Fellowships

We also provide funding for two Clinical Research Training Fellowships each year as part of the University of Cambridge Wellcome Trust PhD Programme for Clinicians.

For more information please see <http://www.cimr.cam.ac.uk/study/clinicians/index.html>.



U205439R

Autumn 2011 intake: Wellcome Trust Four-year PhD Programmes

Scanning electron micrograph (SEM) of several red blood corpuscles (erythrocytes). The cells are spherical and biconcave, appearing in various orientations and colors ranging from bright pink to dark red. They are scattered across the central part of the page, partially overlapping the main text.

“There is
nothing
training
cannot do.
Nothing is
above
its reach.”

Across the UK, 27 PhD programmes provide specialised training at the cutting edge of biomedical research.

To find out more, contact the individual programme you are interested in. For a list and more details, visit www.wellcome.ac.uk/phd/nature

Mark Twain

SEM of red blood corpuscles. David Gregory and Debbie Marshall

wellcometrust

www.wellcome.ac.uk/phd/nature



PhD STUDENTSHIPS & CLINICAL FELLOWSHIPS NOW AVAILABLE FOR 2011

UNIVERSITY COLLEGE LONDON

UCL Cancer Institute (<http://www.ucl.ac.uk/cancer/>)

We are seeking applications from highly motivated candidates for a number of 3 and 4 year postgraduate research studentships. **These posts are only open to UK and EU residents.**

PhD Studentships

- CR-UK funded 4 year studentship with first year laboratory rotations and choice of thesis research project
- CR-UK funded 4 year studentship in behavioural science and cancer
- NIHR funded 3 year studentships to research: i) The transition of a promising approach for gene therapy of haemophilia A to the clinic and ii) The generation of induced pluripotent stem (iPS) cells from patients with age related macular degeneration

Clinical Fellowships

- CR-UK funded 3 year Dallaglio Foundation Clinical Fellows with choice of supervisor and project
- Clinical Research Fellow in Oncology (PET/CT) based at the UCL Institute of Nuclear Medicine (<http://www.ucl.ac.uk/medicine/nuclear-medicine>)

Applicants should hold, or be on track to obtain, at least a 2.1 Honours Degree in a relevant discipline for PhD positions, and appropriate medical qualifications for the clinical fellowships.

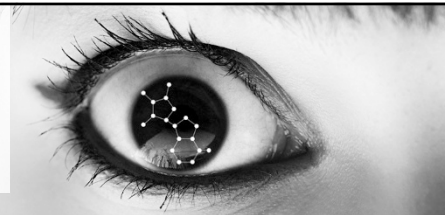
The UCL Cancer Institute, along with its CR-UK Centre partners, draw together all of the teams at UCL which focus on Cancer Biology and Translational Research, Experimental Cancer Therapeutics, and Clinical Cancer Studies. The hub of the Institute is the Paul O'Gorman building with state-of-the-art laboratories located close to both the main UCL campus and the UCLH tower. The Cancer Institute has exceptional core equipment facilities, an active research seminar series, and a full time Graduate Tutor who mentors students.

Full details regarding available studentships and the application process are to be found at: <http://www.ucl.ac.uk/cancer/phd-opportunities/>.

The closing date for applications is November 15th, 2010.



U205541R



Fascinated by Science?

Sign up now for our International PhD Program!

The International Max Planck Research School for Molecular and Cellular Life Sciences, jointly conducted by Munich-based Max Planck Institutes and Universities, has openings for fully funded **PhD student positions**. Highly talented students of all nationalities with a deep commitment to basic and/or clinical research are invited to apply.

More than 50 internationally recognized group leaders actively participate in the PhD program and offer challenging, cutting-edge PhD thesis projects in the following areas:

Biochemistry
Cell Biology
Neurobiology
Molecular Medicine
Structural Biology

Applicants should hold an MSc or equivalent degree in biological sciences, chemistry, biophysics, bioinformatics or a related discipline at the point of enrollment. Candidates with a Bachelor's degree are invited to apply for the integrated fast track program (1+3 years).

Queries should be mailed to Dr. Schaeffer: info@imprs-ls.mpg.de

For online application and further information, please visit:

www.imprs-ls.de

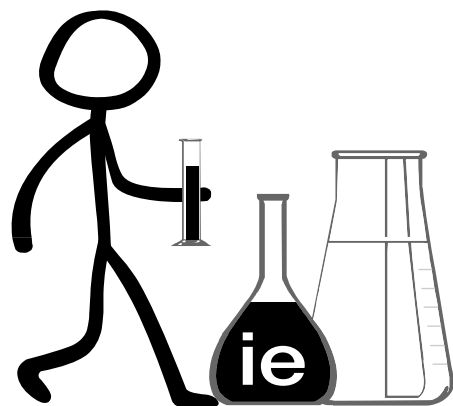
Closing date: January 15, 2011



Max Planck Institute of Biochemistry
Max Planck Institute of Neurobiology
Max Planck Institute of Psychiatry



W205541R



**Discover the formula
for business success**



Master in Biotechnology Management

Recent advances in life sciences have brought about a revolution in the biotechnology industry. To face these new challenges and meet the resulting business opportunities, IE Business School offers an innovative and challenging Master's program in Biotechnology Management, which combines general business knowledge with specialized industry know-how.

The program is aimed at professionals from either a scientific or management background looking to jump-start or further their careers within the biotech industry.

Our program methodology reflects today's international business environment, where cross-cultural teams work on global projects regardless of their geographic location. You will not have to leave your residence or work place for extended periods of time to pursue a truly rewarding learning experience.

For more information about this program, please visit: www.ie.edu/biotech
Admissions contact: biotech@ie.edu

IE Business School, Madrid, Spain • Tel. + 34 91 568 96 10

www.ie.edu/business

W204803

PhD Studentships for October 2011



The Institute of Cancer Research (a College of the University of London) is a world class cancer research organisation with HEFCE RAE ratings of international excellence across all of its research programmes. In partnership with The Royal Marsden NHS Foundation Trust we form the largest comprehensive cancer centre in Europe, dedicated to research that extends from epidemiology, genetics and molecular biology, through drug discovery and development, to cancer diagnosis and patient treatment. This makes us uniquely placed to work towards our vision that people may live their lives free from the fear of cancer as a life threatening disease.

The ICR offers comprehensive, modern facilities for research and studentships supported by the Wellcome Trust, MRC and the ICR's own resources which are awarded on a competitive basis.

Applications are invited from suitably qualified graduates or final year undergraduates who hold or expect to gain a first/upper second class honours degree or equivalent. Successful candidates will undertake a research training programme under the guidance of named supervisors and will receive an annual stipend - the minimum stipend for 2011 graduate students will be £18,180 for students based at the ICR's Sutton campus and £19,500 for students based at the ICR's Chelsea campus.

PhD Studentship projects to commence in October 2011

Breakthrough Breast Cancer Research Centre **Professor Pascal Meier**

- Ubiquitin-mediated Regulation of Cancer

CR-UK Cancer Therapeutics Unit **Professor Julian Blagg**

- Medicinal Chemistry Design by *In Silico*
Multi-objective Optimisation of Virtual Libraries

Professor Keith Jones

- Small molecule probes for protein-protein interactions:
mimicking beta-sheet motifs

Section of **Cancer Genetics**

Professor Richard Houlston

- Inheritance and colorectal cancer risk

Section of **Structural Biology**

Professor David Barford

- Structural studies of the anaphase promoting complex

Section of **Epidemiology**

Professor Montserrat Garcia-Closas

- Differential risk factors for breast cancer subtypes

CR-UK/EPSRC **Cancer Imaging Centre and CR-UK** **Cancer Therapeutics Unit**

Professor Martin Leach and Professor Paul Workman

- Developing Biomarkers of Cancer Metabolism

wellcometrust PhD Programme at The Institute of Cancer Research

Mechanism-based Drug Discovery

Professor Caroline Springer and Professor Richard Marais

- Synthesis and biological evaluation of CRAF inhibitors

Dr Swen Hoelder and Dr Richard Bayliss

- Design and synthesis of small molecule inhibitors of
NEK family Ser/Thr protein kinases

Professor Paul Workman and Dr Johann de Bono

- Understanding the HSF1 pathway and its potential for cancer therapy

Dr Ian Collins and Dr Johann de Bono

- Identifying the molecular targets of inhibitors of androgen
receptor mediated transcription by photoaffinity labelling



PhD Programme at The Institute of Cancer Research

Molecular Pathology and Integrative Medicine

Professor Clare Isacke and Dr Andrew Reynolds

- Resistance to anti-angiogenic therapy in metastatic cancer

Professor Martin Leach and Dr Michelle Garrett

- Characterisation of cellular and metabolic adaptations in
autophagy induced drug resistance in cancer

Dr Bissan Al-Lazikani and Dr Marketa Zvelebil

- Chemogenomic investigation of siRNA implied interaction
networks: Application to identifying novel targets in cancer

Dr Claus Jørgensen and Professor Clare Isacke

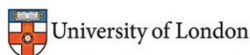
- Tumour-stroma signalling in metastasis

Applications for all projects should be made online at: <http://www.icr.ac.uk/phds>

Please ensure that you read and follow the application instructions very carefully. The closing date for applications is 1st December 2010.

For more information about The ICR and further details about our 2011 studentship projects, please see our website: www.icr.ac.uk

Applicants should be available for interview from 30th January - 1st February 2011.



U205540R



Graduate Studentships – Cell Biology of Cancer

The Beatson Institute for Cancer Research is core-funded by Cancer Research UK and provides a dynamic, supportive and well-resourced environment for its scientists in parkland on the north-western edge of Glasgow. Our research groups are working in three key areas: cell proliferation and growth; cell death and survival; and cell migration and invasion.

We are looking for students with a very good degree in Biological Sciences, who have an aptitude for experimental work and who are highly committed to pursuing a career in cancer research. The Beatson has an excellent reputation and success record in training its graduate students. Students, whilst being trained at the Institute working within our research groups, will normally matriculate with the University of Glasgow.

Projects are available in the following groups in 2011:

Hing Leung Urology Research

Laura Machesky Migration, Invasion and Metastasis

Jim Norman Integrin Cell Biology

Michael Olson Molecular Cell Biology

Owen Sansom Colorectal Cancer and Wnt Signalling

Robert White Gene Transcription

Sara Zanivan Vascular Proteomics

Studentships are funded for four years, starting in October 2011. Currently the first year stipend is £15,430 and will increase annually.

Further information and details of how to apply can be found on our website www.beatson.gla.ac.uk.

Closing date: 18th November 2010.

Scottish charity no SC006106

U205506R

CANCER RESEARCH UK



A world of opportunities
www.cam.ac.uk/jobs/

Marie Curie PhD Studentship

Cambridge Institute for Medical Research
Department of Medicine

Applications are invited from enthusiastic individuals for a PhD position based in Prof Ken Smith's group (www.cimr.cam.ac.uk/investigators/smith/profile.php) at the Cambridge Institute for Medical Research. The group is comprised of basic and clinical scientists working in immunology and autoimmune and infectious disease, with a recent focus in translational medicine and immunogenetics (see Willcocks et al PNAS 107:7881,2010; Niederer et al HMG 19:3282,2010; Clatworthy et al NEJM: 360:2683,2009; Willcocks et al J Exp Med 205:1573,2008; Brownlie et al J Exp Med 205:883,2008; Xiang et al Nat Imm 8:419,2007; Floto et al Nat Med 11:1056,2005). As part of our ongoing translational research programme we have identified a gene expression based biomarker that predicts outcome in a number of disease settings (McKinney et al Nat Med 16:586-91, 2010). The focus of this project will be to use a combination of immunological, genetic, genomic and epigenomic approaches to gain insight into the mechanisms that direct this and other transcriptional programmes and ultimately drive disease.

This 3 year position is part of the FP7 EU funded Initial Training Network TransVIR (www.transVIR.org). TransVIR is funded under the Marie Curie Mobility Program designed to promote movement of researchers in Europe and so is open to citizens from any country in the world other than the UK provided they have not worked in the UK for more than 12 months in the previous three years. However, UK citizens are also eligible if they have not worked in the UK for more than 12 months in the previous 4 years. TransVIR pursues a policy of equal opportunities on matters of gender and disability and will seek to recruit an equal proportion of male and female applicants and will provide employment opportunities for candidates with disabilities. Where applications of equal quality are received, preference will be given to female candidates as part of a strategy designed to recruit equal numbers of men and women to the TransVIR posts. Employment procedures and contracts will conform to the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers. The Stipend and allowances are determined in accordance with the terms of an EU FP7 Marie curie ITN and are in the region of 40k Euros per annum.

The conditions of the vacancy are specified by funders external to the University.

For informal enquiries please contact Dr Paul Lyons
(e-mail: pal34@cam.ac.uk).

To apply send CV, completed CHRIS6
(<http://www.admin.cam.ac.uk/offices/hr/forms/chris6>), copies of relevant degree certificates and 2 letters of recommendation to Mia Summerfield (e-mail: ms460@cam.ac.uk), Cambridge Institute for Medical Research, Department of Medicine, Wellcome Trust/MRC Building, Addenbrooke's Hospital, Hills Road, Cambridge, CB2 0XY. Please quote reference: SC07255. Closing date: 3 December 2010. Interviews: Early January 2011.

The University is committed to Equality of Opportunity.

U205451R

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naturejobs



HELENA

Helmholtz Graduate School
Environmental Health



HELENA – an investment in your future. Sign up for our International Graduate Program!

HELENA offers training and challenging interdisciplinary, cutting-edge doctoral thesis projects in the following areas of Environmental Health research: Diabetes, Lung Biology, Neuro and Stem Cell Biology, Infection, Immune and Tumor Biology, Epidemiology, Health Economics, Human Genetics, Radiation Research, Ecosystems Biology, Systems Biology, Imaging and Structural Biology.

The Helmholtz Graduate School Environmental Health (HELENA), opening on November 1st, 2010, is a joint initiative for the promotion of doctoral students of the Helmholtz Zentrum München - German Research Center for Environmental Health, the Ludwig-Maximilians-Universität München (LMU) and the Technische Universität München (TUM).

HELENA has openings for fully funded graduate student positions. Highly qualified and motivated students from all nationalities with a genuine interest in basic and translational research are invited to apply. Applicants should hold a MSc or equivalent degree in biological sciences, chemistry, bioinformatics, physics, veterinary or human medicine or related lifesciences.

www.helmholtz-muenchen.de/helena

Closing date: December 10th, 2010

HelmholtzZentrum münchen
German Research Center for Environmental Health



W205501R

College of Medicine and Veterinary Medicine PhD Studentships 2011



The College of Medicine and Veterinary Medicine is the leading research centre in the UK for both clinical medicine and clinical veterinary medicine.

High calibre graduates with relevant backgrounds including biological sciences, medicine, psychology, veterinary medicine and zoology are invited to apply for PhD Studentships for 2011 entry across the following Research Centres:

- Cancer Research
- Cardiovascular Science
- Clinical Brain Sciences
- Cognitive and Neural Systems
- Infectious Diseases
- Inflammation Research
- Integrative Physiology
- Molecular Medicine
- Neuroregeneration
- Pathway Medicine
- Population Health Sciences
- Regenerative Medicine
- Reproductive Biology

Vocational PhDs

Enhance your career options by incorporating an MBA or a teaching, entrepreneurial or public engagement element into your PhD.

For further information please visit
www.ed.ac.uk/medicine-vet-medicine/postgraduate

U204548R

KING'S
College
LONDON

University of London

MRC

Centre for
Developmental
Neurobiology

Four year MRes/PhD programme – intake 2011

MRC Centre for Developmental Neurobiology

Outstanding research training will be provided at the internationally recognised MRC Centre for Developmental Neurobiology, utilising state-of-the-art techniques in various model systems. Applications are welcomed from a wide range of academic backgrounds; from molecular and cellular biology, embryology to developmental biology, electrophysiology and computational neuroscience.

- **Year 1 - MRes:** three lab rotations, a taught course, seminars and workshops run by leading experts
- **Year 2-4 - PhD:** an original research project, transferable skills, seminars and conferences


Projects are available with the following group leaders:

Esther Bell	Molecular mechanisms of neural induction
Eric Blanc	Co-expression in <i>Drosophila melanogaster</i>
Juan Burrone	Synaptic physiology and plasticity
QueeLim Ch'ng	Neuroendocrine regulation of <i>C. elegans</i> physiology
David Chambers	Patterned and specification of cranial motor neurons
Jon Clarke	Morphogenesis and neurogenesis in the zebrafish CNS
Uwe Drescher	Guidance and synaptogenesis in the vertebrate visual system
Britta Eickholt	Signalling mechanisms controlling circuit formation
Manolis Fanto	Neuronal and glial degeneration in <i>Drosophila</i>
Phillip Gordon-Weeks	Cytoskeletal dynamics and growth cone pathfinding
Anthony Graham	The neural crest and neurogenic placodes
Matthew Grubb	Activity-dependent maturation in the olfactory bulb
Sarah Guthrie	Axon guidance of cranial motor neurons
Robert Hindges	Axon pathfinding and synaptogenesis during development
Clemens Kiecker	Specification and neurogenesis in the vertebrate forebrain
Corinne Houart	Signalling centres in control of forebrain complexity
Tara Keck	Mechanisms of structural plasticity
Robert Knight	Cranial neuromuscular development
Camilla Larsen	Patterned of sub-regions in the <i>Drosophila</i> brain
Ivo Lieberam	Generation and regeneration of respiratory motor circuitry
Andrew Lumsden	Molecular control of neural patterning
Ivor Mason	Signalling mechanisms in brain development
Martin Meyer	Development and function of the zebrafish visual system
Guy Tear	Molecular mechanisms of axon guidance in <i>Drosophila</i>
Ian Thompson	Development of the mammalian visual system
Darren Williams	Dendrite development in <i>Drosophila</i>
Richard Wingate	Neuron migration and evolution of the cerebellum

For more details go to www.kcl.ac.uk/depsta/biomedical/mrc/phd.php


Candidates should have or expect at least an upper second class degree. Closing date for applications is 7th January 2011. To apply send a full CV, the names and contact details of two academic referees and personal statement of your interest in this programme to: Mr Darren Ellis, Postgraduate Administrator, MRC Centre for Developmental Neurobiology, New Hunt's House, King's College London, Guy's Campus, London SE1 1UL.

U205537R



LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

LMU MUNICH
DEPARTMENT OF
CELLULAR PHYSIOLOGY



TWO PhD POSITIONS

Biophysics of Membrane trafficking and Cell motility

€ 18,000

Two PhD positions are available in the group of Prof. Dr. Claudia Veigel, Department of Cellular Physiology. For more details please see our website: <http://physinst.web.med.uni-muenchen.de>

Candidates should have a background in either biochemistry, biology, physics or biophysics.

Applicants should submit a curriculum vitae to Michaela Pollauf: pollauf@lrz.uni-muenchen.de

W205285R

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SPOTLIGHT ON POSTGRADUATE OPPORTUNITIES

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Biological and Biomedical Sciences

Four Year PhD Programmes

UCL is one of Europe's largest and most highly rated centres for biological and biomedical research. Its strengths lie in the breadth and excellence of its life sciences and their integration into clinical disciplines. Research is concentrated in broad themes that cross traditional departmental boundaries and cover a vast range of fields from very basic molecular investigations, through clinical research to studies of populations and health policy.

UCL will be offering 4 year PhD Programmes in Life and Biomedical Sciences commencing in October 2011. This 4 year programme offers an additional introductory year which includes taught elements, as well as the opportunity to obtain research experience in several laboratories before deciding on a final PhD topic.

Graduate programmes are available in:

Faculty of Life Sciences

Faculty of Biomedical Sciences which includes:

Institute of Child Health

Institute of Neurology

Institute of Ophthalmology

Eastman Dental Institute

Wolfson Institute for Biomedical Research

Research areas include cellular, molecular, structural and developmental biology, all aspects of neuroscience, pharmacology, physiology, psychology, human communication science and linguistics, immunology, clinical sciences including oncology, paediatrics and child health, epidemiology and public health, and primary care and population sciences.

Applicants should have, or expect to obtain, **at least an Upper 2nd Class Degree** in any area of biological or physical sciences. MRC eligibility criteria apply (see webpage). The grant covers a stipend of approx £15,590 pa and UK rate fees.

Closing date for 4 year applications: 31st December 2010

Further information, eligibility criteria and how to apply can be found on the UCL website: www.ucl.ac.uk/mrc-dta.

U205549R



The Leipzig School of
Human Origins

The Leipzig School of Human Origins - An International Max Planck Research School -

by
The University of Leipzig
and

The Max Planck Institute for Evolutionary Anthropology

The **Leipzig School of Human Origins** offers a unique interdisciplinary graduate program to study the evolutionary history of humans and great apes. Graduate students are accepted into one of the following areas, but are encouraged to take part in courses and seminars from all three disciplines:

Comparative and Molecular Primatology

Evolutionary and Functional Genomics, Ancient DNA, Molecular Anthropology and Genome Bioinformatics

Human Paleontology, Prehistoric Archaeology and Archaeological Science

The language of the school is English. Visit www.leipzig.de for information on living in Leipzig, Germany, in the center of Europe.

For project and application details go to www.leipzig-school.eva.mpg.de or contact us at:

e-mail: leipzig-school@eva.mpg.de

phone: ++49 (0) 341 3550-0

fax ++49 (0) 341 3550-119

Application deadline: January 31, 2011

W205056R

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Dr. Judit Erzsebet Pongracz,
University of Pecs, Hungary

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**MRC National Institute for Medical Research
(NIMR)**
Mill Hill, London NW7 1AA
2011 PhD Studentships

NIMR has been at the forefront of international excellence in basic biomedical research for more than 80 years and its scientists, including students, have contributed to the prevention and improved treatment of many serious diseases and increased understanding of human health

**We are looking for exceptional students
to join our four year PhD programme
commencing in September 2011**

NIMR offers projects in the following areas:

**Infections and Immunity, Genetics and Development,
Neurosciences, Structural Biology**

Successful students will receive an annual tax-free stipend of at least £15840, and payment of their tuition fees (eligibility requirements apply)

Details on each of the projects, eligibility requirements and how to apply can be found at
<http://www.nimr.mrc.ac.uk/phd>

The closing date for applications is 30th November 2010

Interviews will be held 19-20th January 2011

Enquiries: student@nimr.mrc.ac.uk



U204810R

NATUREJOBS

SPOTLIGHT ON POSTGRADUATE OPPORTUNITIES



**Sir William Dunn
School of Pathology**
University of Oxford
Oxford OX1 3RE
United Kingdom
www.path.ox.ac.uk

4 YEAR PhD PRIZE RESEARCH STUDENTSHIPS

This internationally renowned research Department, which has received the highest scores in previous research assessment exercises, invites applications for highly prestigious 4 year PhD prize research studentships commencing in October 2011. Studentships are funded by the BBSRC, MRC, EP Abraham Research Fund, the Clarendon Fund and Colleges. The available projects and supervisors are listed below.

MICROBIOLOGY AND IMMUNOLOGY

- T cell antigen receptor signalling and the RNA regulatory machinery
Professor Oreste Acuto
- Role of labile disulphides in membrane proteins in regulating immunity
Professor Neil Barclay
- Sister Chromatid cohesion in the archaea
Professor Stephen Bell
- The role of Bcat-1 in dendritic cell function
Dr Paul Fairchild
- Influenza virus replication at the molecular level
Dr Ervin Fodor
- Regulation of innate immune responses and the resolution of inflammation
Dr David Greaves
- Structural studies of immune evasion
Professor Susan Lea
- Regulation of the IL-23 inflammatory axis in the intestinal tract
Dr Kevin Maloy

MOLECULAR AND CELL BIOLOGY

- Identification and characterization of protein X, a protein involved in cell cycle regulated DNA damage response
Dr Fumiko Esashi
- Targeting the mannose 6-phosphate glycosylation pathway in cancer
Professor Bass Hassan
- Investigating the basis of the cancer-associated polyadenylation shift
Dr Chris Norbury
- Mechanism and biological function of transcriptional termination in eukaryotes
Professor Nicholas Proudfoot
- Investigating the role of cancer stem cells in Drosophila
Professor Jordan Raff
- Epigenetic regulators of embryonic development
Professors Liz Robertson & Liz Bikoff
- The molecular pathogenesis of Alzheimer's disease
Dr David Vaux

Applications are open to all nationalities. Information on how to apply is available at <http://www.path.ox.ac.uk>.

Applications must be submitted online and quote the reference path11.
The closing date is 7th January 2011. Interviews will take place from 26th - 28th January 2011.

The University is an equal opportunities employer.

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Cambridge Research Institute PhD Studentships



The Cambridge Research Institute is a joint venture between Cancer Research UK and the University of Cambridge.

Research in the Institute ranges from basic cancer biology through translational research to clinical application, and is supported by excellent state-of-the-art facilities.

Our graduate students play a pivotal role in the continued success of the Institute and gaining a studentship in CRI is an excellent opportunity to start a research career in an environment committed to training outstanding cancer research scientists of the future.

We seek highly motivated and talented students to enter our PhD programme and to join a stimulating research project starting in October 2011. All of our students will obtain their degrees from the University of Cambridge.

The Institute offers projects in the following areas:

James Brenton	Identification of patient-specific driver mutations for ovarian cancer treatment
Kevin Brindle	Novel imaging methods for detecting tumour responses to treatment
Jason Carroll	Characterising the role of FoxA1 in breast cancer
Florian Markowitz	Cancer Systems Biology

No nationality restrictions apply to Cancer Research UK funded studentships. Applications are invited from recent graduates or final year undergraduates who hold or expect to gain a first/upper second class honours degree or equivalent from any recognised university worldwide. You may apply for a maximum of three projects.

The minimum stipend of Cancer Research UK funded studentships will be £16,570 for the first year and with annual increases thereafter. The stipend is currently under review.

Applications must be made online via the CR-UK website at

www.cambridgecancer.org.uk/phd

The closing date for all applications is 30 November 2010.

David Neal	Validation of Genes and Signalling Pathways involved in Prostate Cancer
Simon Tavaré	Statistical and stochastic methods in cancer research
David Neal & Simon Tavaré	Combining complex DNA, ChIP and RNA genomic data sets in human prostate cancer: a bioinformatic approach



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London Research Institute Four Year PhD Studentships



The Cancer Research UK London Research Institute (LRI) invites talented and motivated final year undergraduates or recent graduates to apply for four year PhD studentships to start in September 2011.

The London Research Institute has an international reputation for research into the basic biology of cancer and is committed to training the next generation of cancer research scientists. Our research groups, based in labs at Lincoln's Inn Fields (Central London) and Clare Hall (just north of London), are well-resourced and benefit from state-of-the-art equipment and scientific services.

PhD students are at the core of our scientific community. To enable our students to develop into independent research scientists with excellent career prospects, we provide exciting and challenging research projects, a supportive environment, and tailored transferable skills training. Our students are registered at University College London, which provides additional academic and social facilities.

Applicants should hold or expect to gain a first/upper second class honours degree or equivalent in a relevant subject and have laboratory research experience (either as part of or outside of a university degree course).

Shortlisted applicants will be invited to a three day interview programme, which will be held at Clare Hall from 23rd to 25th January 2011 (inclusive) and at Lincoln's Inn Fields from 26th to 28th January 2011 (inclusive).

Successful applicants will be awarded stipends of £17,830 (outer London) and £19,160 (inner London) for the first year, with annual increases thereafter. These stipends are currently under review. University tuition fees will also be paid by the LRI.

Applications must be made online via our website:

<http://www.london-research-institute.co.uk/phd>

This site also contains more detailed information about the LRI, its PhD programme and the PhD projects available.

Closing date for applications: 19th November 2010

Charity no:1089464

