



LECTURER/SENIOR LECTURER: CELL BIOLOGY

DEPARTMENT OF HUMAN BIOLOGY

FACULTY OF HEALTH SCIENCES

The Department of Human Biology, which is a vibrant multidisciplinary department in the Faculty of Health Sciences, is seeking to appoint a researcher and lecturer within the Division of Cell Biology.

The Division of Cell Biology is a dynamic and active discipline which engages in research that encompasses diverse approaches to understanding normal cellular processes and how they are altered in disease. This includes, but is not limited to, the study of the molecular mechanisms underpinning epilepsy and the cancer process; the identification of novel therapeutic approaches to treat diseases with a focus on cancer; neural crest and stem cells and its application to disease modelling; tissue regeneration and cardiovascular disease and diabetes; ocular development and disease. The Department has well-equipped modern molecular and cell biology laboratories, with excellent cell culture and microscopy facilities and we have strong research links with the Infectious Disease and Molecular Medicine (IDM) in the Faculty of Health Sciences. The Department hosts a large number of postdoctoral research fellows and has a vibrant and diverse postgraduate student community.

Requirements:

- A minimum academic qualification of a PhD in Cell Biology or related field;
- Experience in teaching embryology/developmental biology and histology;
- A track record of publishing research outputs.
- For the Senior Lecturer position:
 - A minimum of five years post-PhD research experience in preferably Cell Biology;
 - Track record of supervising post-graduate students;
 - Evidence of management (of staff and/or research projects);
 - Evidence of having secured research funding.

Advantages:

- For appointment at Lecturer position:
 - Relevant postdoctoral experience;
 - A research interest in the broad area of cell biology;
 - The additional requirements stated above for the Senior Lecturer position.
- For appointment of Senior Lecturer position:
 - Collaboration with nationally/internationally relevant researchers.

Responsibilities:

- **Research**
 - Conceptualise, lead and execute research projects related to cell biology;
 - Develop/expand research collaborations both nationally and internationally;
 - Raise research funding, apply for grants from appropriate national and international funding bodies;
 - Establish and maintain a productive research group.
- **Teaching**
 - Design and deliver lectures, tutorials, practicals and assessments in molecular and cell biology, stem cell biology/embryology/developmental biology and histology to Science, MBChB, Health and Rehabilitation Science undergraduate and BMedSc(Hons) students and other relevant postgraduate courses;
 - Supervise/co-supervise post-graduate students [BMedSc(Hons), MSc and PhD].
- **Leadership, management and administration**
 - Perform leadership, management and administrative functions related to teaching and research (i.e. convene courses, manage research teams, manage funding for research, monitor operational expenses, write progress reports, etc) at Divisional, Departmental, Faculty and, if needed, University level.
- **Social responsiveness**
 - Participate in initiatives to expose and attract high school learners to tertiary education in the medical sciences and to communicate with the public to raise awareness and inform them of relevant research.

The annual remuneration package for 2018, including benefits:-

Lecturer: R639 848
Senior Lecturer: R786 717

For further information regarding this position, contact Professor Sharon Prince - Head of Division of Cell Biology, email sharon.prince@uct.ac.za

To apply, please e-mail the below documents in a **single pdf file** to, recruitment05@uct.ac.za:

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- A letter of motivation detailing suitability for this post
- Curriculum Vitae (CV)

Please ensure the title and reference number are indicated in the subject line.

An application which does not comply with the above requirements will be regarded as incomplete.

Telephone: 021 650 3003

Website: www.health.uct.ac.za

Reference number: E18484

Closing date: 25 January 2019

UCT is committed to the pursuit of excellence, diversity and redress in achieving its equity targets. Our Employment Equity Policy is available at <http://www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf>. For this post we seek particularly to attract black (i.e. African, Coloured or Indian) South African candidates.

UCT reserves the right not to appoint.