



# POST-DOCTORAL POSITION

## Department of Medicine

### Faculty of Health Sciences

The Division of Allergology and Clinical Immunology at the Department of Medicine, University of Cape Town, invites applications for a post-doctoral position - this would be a 12-month contract renewable initially for 3 years. **Based at Groote Schuur Hospital, Cape Town.**

This post-doctoral position is embedded within an NIHR-funded global professorship award that is focusing on improving the diagnosis and management of Angioedema across Africa.

In particular, our genomics and laboratory work is focused on understanding the pathophysiology and identifying predictive biomarkers (including urine, plasma or salivary) of ACE- inhibitor related angioedema and cough. In addition, this project explores the role of food additives in driving abnormal mast cell activity and their intersection with abnormal gastrointestinal permeability and infections leading to chronic urticaria and Angioedema conditions.

#### Minimum Requirements:

- PhD in biomedical sciences, skills appropriate for this project including:
  - i) wet lab skills working with enzymatic assays
  - ii) proteomics experience
  - iii) data analytics skills

#### Preferred Skills:

- Experience with project management
- Human research experience

#### Key Responsibilities include:

- The post-doctoral fellow will be expected to be involved in all aspects of this project including but not limited to,
- Project management,
- Wet and dry laboratory work
- Data analysis,
- Manuscript development and grant writing.

**To apply,** please e-mail the documents listed below in a single pdf file to: [wisahl.wallace@uct.ac.za](mailto:wisahl.wallace@uct.ac.za)

- A letter of application
- A CV
- Copies of academic transcripts
- Contact details OR letters of reference from at least two academics who have taught, supervised or

worked alongside 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. Only shortlisted candidates will be contacted. Should you not receive a response within 30 days of the closing date, please consider your application unsuccessful.

**Telephone:** 021 650 6301

**Website:** <http://www.medicine.uct.ac.za/med/divisions/allergology-and-clinical-immunology>

**Reference number:** E25432

**Closing date:** 23 May 2025

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