

# A/PROFESSOR JONATHAN GRANT PETER

MB ChB FCP (SA) MMED PhD (UCT)

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## *Professional Qualifications*

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- 2000: **MBCHB with distinction in the preclinical, clinical and final examinations and the degree was awarded with first class honours,**  
University of Cape Town
- 2009: **FCP (S.A), Awarded the Suzman and AW Meyers Medals**  
Fellow of the College of Medicine, South Africa
- 2012: **MMed, with distinction**  
University of Cape Town  
**Thesis title:** “Delirium in general medical in-patients in South Africa: development of the 4-question "RACY" tool for simple and effective delirium screening.”
- 2013: **PhD**  
University of Cape Town  
**Thesis title:** “Approaches to the diagnosis of smear-negative and sputum-scarce TB in South Africa”
- 2016: Accredited by the HPCSA in sub-specialty Allergology (**1<sup>st</sup> register adult allergologists in SA**)

## *Career History*

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- 2016-present: **Head, Division of Allergology and Clinical Immunology**  
Department of Medicine, University of Cape Town
- 2015-2016 Allergology Fellow, University of Cape Town  
Consultant, Department of Medicine, University of Cape Town
- 2013- 2015: **Oxford Nuffield Medical Fellow**  
Clinical Immunology unit, John Radcliffe Hospital  
Professor H McShane TB vaccine group, Jenner Institute
- 2009 – 2012: **PhD fellow, Lung Infection and Immunity Unit,**  
Department of Medicine, University of Cape Town  
(Supervisors: Professor Keertan Dheda and Bongani Mayosi)
- 2009-2011: **Clinical trials co-ordinator, Lung Infection and Immunity Unit,** Department of Medicine, University of Cape Town
- 2006 – 2009: **Internal Medicine Specialist Registrar,**  
Department of Medicine, University of Cape Town
- 2004: **Senior Medical Officer in Neurology and Endocrinology**  
Groote Schuur Hospital, University of Cape Town
- 2002 / 2003: **Neuroscience Research scientist, Laboratory for Spinal Cord Development and Regeneration, Dept. of Neurological Surgery,**  
University of California San Francisco, USA

## *Current teaching and Learning responsibilities*

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### **Post-graduate**

Primary supervisor of two completed MMed and one MSc (Allergy), ongoing four MMed students  
Co-supervisor for one completed MSc, ongoing two PhDs and two MMed students  
Invited speaker at ALLSA congresses since 2014  
Lecturer for sub-specialist Allergology fellows and internal medicine specialists  
Organiser of GP refresher course, Allergy day  
Co-organiser of the 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> African schools of immunodeficiency

### **Under-graduate**

Undergraduate immunology, allergy and general medicine teaching  
Co-chair of the Immunology and allergy undergraduate curriculum development group

### *Scholarships and Bursaries*

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2012: **Oxford Nuffield Medical Fellowship**  
(Scholarship open to all South African medical graduates)  
**Commonwealth Scholarship for UK clinical fellowship**  
(Scholarship open to large number of universities from the Commonwealth countries; numerous applicants)

2011: **Carnegie Academic PhD Fellowship**  
**MRC Specialist under 45 academic Fellowship**  
**SAMA supplementary PhD fellowship**

2010: **NIH Fogarty International Clinical Research Fellowship (2<sup>nd</sup> year)**  
(Only 5/~100 1<sup>st</sup> year fellowships renewed)

2009: **NIH Fogarty International Fellowship – USA**  
(International NIH funding scheme, numerous applicants for 30 fellowship awards)

2008: **Discovery Foundation Academic Fellowship**  
(South African Fellowship to fund clinician scientists)

### *Academic Awards*

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2016: **Finalist TW Kambule Emerging Researcher Award, NRF**

2015: **Silver Medal**, Medical Research Council, South Africa, Emerging Researcher category  
University of Cape Town Fellows award for research

2014: **Best publication award** (Clinical sciences), Faculty of Health Sciences, University of Cape Town

2012: 2<sup>nd</sup> prize for oral presentation at the SA HIV Clinicians meeting

2011: ATS conference travel award

2010: 2<sup>nd</sup> prize for oral presentation at the AstraZeneca Research day,

2009: **Suzman Medal**  
(**Best overall candidate nationally in the Fellowship of the College of Physicians (FCP) Part I and II examinations combined**)

2007: **AW Meyers Medal**  
(**Best candidate nationally in or the best candidate in the FCP Part I examinations**)

2000: **Jack Prisman Prize**  
(**Top overall final year MBChB student at the UCT**)

## *Recent Funding for investigator-led research*

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2017:	<b>Role: Sub Principal Investigator</b> , HIV-associated Tuberculosis Training Program (HATTP), Funding: NIH Fogarty, USD: 1 500 000 over five years
2015:	<b>Role: Co-investigator</b> , HLA in Rifampicin-induced severe cutaneous adverse drug reactions, R200 000 for 3 years, MRC SA <b>Role: Primary investigator</b> , Perioperative anaphylaxis in SA, R50000, ALLSA
2010-2013	<b>Role: Co-investigator, study lead TB NEAT consortium</b> , Funding: EDCTP €4.3Million (PI: K Dheda)
2009-2012	<b>Role=Principle Investigator: Utility of sputum induction in smear-negative patients at primary care clinics</b> Funding: R500 000 awarded by the Discovery Foundation; US\$60 000 by an NIH Fogarty Award and R280 000 from a Carnegie Fellowship

## *Top 5 impact publications selected peer-reviewed publications*

*[Summary statistics: Publications: 57, Citations since 2011: 2083, H-index: 27]*

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1. **Peter JG**, Zijenah LS, Chanda D, Clowes P, Lesosky M, Lombard C, Kadzirange G, Banadason T, Chansa A, Liusha N, Mangu C, Mtafya B, Msila H, Rachow A, Hoelscher M, Mwaba P, Theron G, Dheda K. The mortality impact of point-of-care urine lipoarabino-mannan testing to guide tuberculosis treatment initiation in HIV-infected hospitalized patients: a multi-country randomized controlled trial *Lancet*. 2016 Mar 19;387(10024):1187-97. doi: 10.1016/S0140-6736(15)01092-2. Epub 2016 Mar 10. **(IF=44, citations=48)**
2. Theron G, Zijenah L, Chanda D, Clowes P, Rachow A, Lesosky M, Bara W, Mungofa S, Pai M, Hoelscher M, Dowdy D, Pym A, Mwaba P, Mason P, **Peter JG**, Dheda K; for the TB-NEAT team. Feasibility, accuracy, and clinical effect of point-of-care Xpert MTB/RIF testing for tuberculosis in primary-care settings in Africa: a multicentre, randomised, controlled trial. *Lancet*. 2014 383 (9915): 424-435 pii: S0140-6736(13)62073-5. doi: 10.1016/S0140-6736(13)62073-5. Epub Oct 28 2013 **(IF:44, citations=266)**
3. **Peter JG**, Theron G, van Zyl-Smit, R, Haripersad A, Kraus S, Mottay L, Binder A, Meldau R, Hardy A, Dheda K. Diagnostic accuracy of a urine lipoarabinomannan strip-test for TB detection in HIV-infected hospitalised patients *ERJ* 2012 Nov; 40(5): 1211-20 Epub 23 February 2012, doi: 10.1183/09031936.00201711 **(IF=10.5, citations=91)**
4. Theron G\*, **Peter JG\***, Van Zyl-Smit R, Mishra H, Streicher E, Murray S, Dawson R, Whitelaw A, Hoelscher M, Sharma S, Pai M , Warren R, Dheda K. Evaluation of the Xpert® MTB/RIF assay for the diagnosis of pulmonary tuberculosis in a high HIV prevalence setting *Am. J. Respir. Crit. Care Med* 2011, 184(1):132-140 **\*equally contributing 1st authors (IF=13.2, citations=230)**
5. **Peter JG**, Lehloenya R, Dlamini S, Risma K, White KD, Konvise KC, Phillips E Severe Delayed Cutaneous and Systemic reactions to drugs: A global perspective on the Science and Art of Current Practice *JACI in practice* 2017, 5(3), 547-563 **(IF=5.3, citations=1)**