

## SAIS NEWSLETTER JANUARY 18<sup>th</sup>, 2019

Dear SAIS members,

Below, please find this week's newsletter. Please note that the next newsletter will be sent on the 1<sup>st</sup> of February.

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### FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

**Overcoming the challenges of accuracy and detection in molecular assays - Webinar - January 22 - 07:00 AM PST**  
<https://lnkd.in/dAHyCPJ>.

**VII-th Conference of the South African Immunology Society - registration & abstract submission now open**  
Please see more details below.



VIIth Conference of the South African Immunology Society  
**Abstract Submission & Registration Now Open**  
[www.sais-bookings.co.za](http://www.sais-bookings.co.za)



**Synergy in Immunology**  
18 – 20 June 2019  
aha Gateway hotel, Umhlanga, Kwa Zulu Natal, South Africa  
Please join us at one of the most beautiful coastal villages in the world

**IMPORTANT DATES**  
22 February 2019 - Abstract submission closes  
10 May 2019 - Early bird registration closes

To register or submit an abstract please visit: [www.sais-bookings.co.za](http://www.sais-bookings.co.za)

Enquiries: Bridget de Beer [conference1@onscreenav.co.za](mailto:conference1@onscreenav.co.za) / +27 21 486 9111

### **FOCIS Advanced Course in Basic & Clinical Immunology - 3-6 March - La Jolla, California, US**

Online registration is now open. Don't miss your chance to gain a clinical spin on the major topics in cellular and molecular immunology, register now! Please follow <https://lnkd.in/g7Qah8a>. **Registration deadline - 1 February.**

### **The Biomarker Bottleneck in Immuno-oncology: Understanding to Overcome - Free webinar - January 23 - 2:30-4:00 PM Eastern Time**

Click here to find out more: <https://lnkd.in/dca24Bk>.

### **Early Career Investigator Awards to Speak in Society for Leukocyte Biology (SLB) Symposium at the LAMIG/SMI Mucosal Immunology Meeting 2019**

The Latin-American Mucosal Immunology Group (LAMIG) and the Mexican Society for Immunology (SMI) are pleased to partner with SLB in hosting a Guest Symposium at their Mucosal Immunology workshop 2019 in Mexico-City, Mexico (September 5-7, 2019). A total of three individuals will be selected to present their work in a session entitled "Society for Leukocyte Biology: Leukocyte functions in mucosal tissues during health and disease". Please find more details here: <https://lnkd.in/dcv4WTs>.

**sais**

SOUTH AFRICAN IMMUNOLOGY SOCIETY



**The Novel Clinical Trial Methodologies 2019 Workshop - 25 February - Cape Town**

The workshop will be presented by the Fundisa African Academy of Medicines Development and Pharmacometrics Africa. **Deadline for registration - 18 February.** Please see more details below:

WORKSHOP  
**NOVEL CLINICAL TRIAL  
METHODOLOGIES 2019**

25 February 2019

Innovative drug development methods and tools are developed and used by pharmaceutical industry, clinical research organisations, public/private partnerships, and academic researchers to decrease cost and time to market and to increase the probability of success of pharmaceuticals R&D. Novel clinical trial methodologies based on stringent scientific criteria have gained acceptance for successful regulatory approval. The US Food and Drug Administration (FDA) and the European Medicines Agency (EMA) have established formal advice procedures for qualification of such methodologies, in consultation with the scientific community.

This workshop presented by Fundisa African Academy of Medicines Development and Pharmacometrics Africa will provide insight into the use of modelling and simulations, adaptive trial designs and real-world effectiveness studies by local and international experts with hands-on experience. By meeting with fellow local clinical trial researchers, the workshop offers a unique networking opportunity for drug, medical device and biotech companies, clinical trial professionals such as project managers, CRAs, medical writers, statisticians, and regulatory affairs professionals.

**PROGRAMME COMMITTEE:**

**Elizabeth Allen, BSc (Hons), MPH, Cert Human Pharmacology, PhD**

Head of Clinical Research, CCOAT and Lead, Global Health Trials South Africa, Division of Clinical Pharmacology, Department of Medicine, University of Cape Town, South Africa

**Prof Andreas Diacon, MD, PhD**

Founder and CEO, TASK Applied Science (TASK), Cape Town, South Africa

**Colin Pillai, PhD**

CPPlus Associates, Binningen, Switzerland and Pharmacometrics Africa NPC, Cape Town, South Africa

**Prof Bernd Rosenkranz, MD, PhD, FFPM**

President, Fundisa African Academy of Medicines Development and Professor emeritus, Division of Clinical Pharmacology, Department of Medicine, Stellenbosch University, South Africa

**Phumla Sinxadi, MBChB, DA (SA), MMed, Cert Human Pharmacology, PhD**

Senior Lecturer, Division of Clinical Pharmacology, Department of Medicine, University of Cape Town, South Africa

**SPEAKERS:**

**PROF LEON AARONS, BSc, MSc, PhD, Manchester Pharmacy School, University of Manchester, UK**

**FLORIAN MARX, MD, MSc, PhD, Senior Researcher, South African Centre for Epidemiological Modelling and Analysis (SAMCEA) & Desmond Tutu TB Centre, Faculty of Medicine and Health Sciences, Stellenbosch University**

**PROF JOEL S. OWEN, PhD, VP Strategic Modelling & Simulation, Cognigen Corporation and Adjunct Professor, College of Pharmacy, Union University, Jackson, Tennessee, USA**

**JAY PARK, MSc, PhD, Senior Scientist MTEK Sciences, Vancouver, Canada**

**PROF HELMUTH REUTER, MBChB, FCP (SA), MMed (Int), FRCP (Edinb), PhD, Head, Division of Clinical Pharmacology, Department of Medicine, University of Stellenbosch, South Africa**

**VENUE:** TASK Headquarter Building, Smith Street, Glenlily, Cape Town

**ENQUIRIES:** [info@fundisa-academy.com](mailto:info@fundisa-academy.com)



**Asian Advanced Course in Basic and Clinical Immunology - 26-29 March - Jaipur, India - deadline for abstract submission - 15 February!**

Please follow the link for more details and registration: <https://lnkd.in/dNsJc8>.

**PUBLICATIONS and INTERESTING READS:**

**First-in-Class DNA-encoded Monoclonal Antibody Therapy Rapidly Advances into the Clinic**

<https://wistar.org/news/press-releases/first-class-dna-encoded-monoclonal-antibody-therapy-rapidly-advances-clinic>

**Newly Identified Virus Similar to Ebola, Marburg**

Mengla virus, detected in bats in China, infects cells through the same host receptor targeted by the deadly pathogens. <https://lnkd.in/dYT5GUD>. <https://lnkd.in/dQXnsPC>.

**Social franchising of community-based HIV testing and linkage to HIV care and treatment services: an evaluation of a pilot study in Tshwane, South Africa**

<https://lnkd.in/dCmnDcK>.

**Immune responses at the maternal-fetal interface - new review**

<https://lnkd.in/d86gFF2>.

**The science is clear: with HIV, undetectable equals untransmittable**

NIH officials discuss scientific evidence and principles underlying the U=U concept. <https://lnkd.in/dnUJszP>. Full article: <https://lnkd.in/dJGraQp>.

**A tRNA half modulates translation as stress response in Trypanosoma brucei**

<https://lnkd.in/dRt9XFt>.

**First-in-human, randomized, double-blind clinical trial of differentially adjuvanted PAMVAC, a vaccine candidate to prevent pregnancy-associated malaria**

<https://lnkd.in/dj8Jgnd>.

**Experimental antibody 'cocktail' protects animals from three deadly Ebola viruses**

<https://lnkd.in/d5jagtG>.

**Questions Raised About Pertussis Reemergence - interesting read**

<https://lnkd.in/dfjPCXU>.

**Fever Promotes T Lymphocyte Trafficking via a Thermal Sensory Pathway Involving Heat Shock Protein 90 and  $\alpha 4$  Integrins - open access**

<https://lnkd.in/drqQWsk>.

**T Cell Media: A Comprehensive Guide to Key Components** - great tips for those culturing T cells

<https://cellculturedish.com/t-cell-media-comprehensive-guide-key-components/>.

**The effect of regulatory T cells on tolerance to airborne allergens and allergen immunotherapy**

<https://lnkd.in/gKtdk3H>.

**Why does malaria recur? Filling in the pieces of the puzzle**

<https://lnkd.in/djhEfqv>.

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## JOBS and POSITIONS

### Lecturer/Senior Lecturer in Cell Biology at UCT (Faculty of Health Sciences)

**Closing date 25 January.** Please find more details below:



**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](mailto:sharon.prince@uct.ac.za)

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





### WACCBIP PhD Fellowships

The West African Centre for Cell Biology of Infectious Pathogens (WACCBIP) at the University of Ghana is offering PhD fellowships under the World Bank African Centre's of Excellence (ACE) Impact project. We are looking for aspiring African scientists to work in an environment that supports high caliber research, promotes the development of scientific leadership, and enables networking with other scientists throughout Africa. **Deadline for applications is February 15, 2019.** Please find more details here: <https://lnkd.in/dfiAfeW>.

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Thank you to our sponsors for the VII-th Conference of the South African Immunology Society in June 2019.



Thank you to the prize sponsor of the November 2018 Lucky Draw for Paid Up members.



<http://combinedminds.co.za>

Please don't forget to send me any info you may have on funding opportunities, meetings, workshops and/or conferences, so I can post it on the SAIS LinkedIn page. Additionally, if you are recruiting/hiring, I am more than happy to advertise it on LinkedIn and in the newsletter.

Thank you.

Kind regards

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