



## SAIS NEWSLETTER DECEMBER 10<sup>th</sup>, 2018

Dear SAIS members,

Below, please find this week's newsletter. Please note that this is the last newsletter for this year; the first 2019 newsletter will be sent out on January 10th.

### FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

#### **Keystone Symposia HIV Conferences - HIV Vaccines - March 24-28, 2019 - BC, Canada**

Please find more details here: <https://lnkd.in/djpfqeE>.

#### **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

#### **Microbes within the Host in Health and Disease - the 13th Annual Symposium on Biological Complexity - January 22-24, 2019 - Salk Institute, La Jolla, CA, USA**

Abstract submission deadline: December 19, 2018; Registration deadline: January 4, 2019; for more details, please visit <https://lnkd.in/gBzc4y2>.

#### **2nd Cape Town Flow Cytometry Workshop - 28-30 May 2019**

Registration opens - 31 January 2019; the workshop will be held at the Tygerberg Medical Campus, Stellenbosch University; please follow the link for more details: <https://lnkd.in/d3CJQyE>.



**BioProcessing 2019 - a free, one-day online event on January 31st**

Subjects that will be discussed: upstream and downstream processing; analytical development and quality; formulation and stability; cell and gene therapy production; and manufacturing. For more details and registration, please follow <https://lnkd.in/d-znWUS>.

**Two CAPRISA researchers listed among world's most highly cited researchers**

<https://lnkd.in/dkyB8q8>.

**A list of interesting upcoming Keystone Symposia meetings**

Cell Competition in Development and Disease - [https://lnkd.in/derCe\\_h](https://lnkd.in/derCe_h).

Uncovering Mechanisms of Immune-Based Therapy in Cancer and Autoimmunity - <https://lnkd.in/daGHbxA>.

Molecular Approaches to Vaccines and Immune Monitoring - <https://lnkd.in/dv3WUdw>.

Innate and Non-Classical Immune Cells in Cancer Immunotherapy - <https://lnkd.in/dfeucp8>.

Origins of Allergic Disease: Microbial, Epithelial and Immune Interactions - <https://lnkd.in/dQJUXqT>.

Innate Immune Receptors: Roles in Immunology and Beyond - <https://lnkd.in/dv3gTZ5>.

Immunometabolism, Metaflammation and Metabolic Disorders - <https://lnkd.in/dfeRSYA>.

Skin Health and Disease: Immune, Epithelial and Microbiome Crosstalk - <https://lnkd.in/dhRNjs2>.

Antibodies as Drugs: New Horizons in the Therapeutic Use of Engineered Antibodies - <https://lnkd.in/dXFPN6Q>.

**Vaccine and Immunology Conference - November 22-23, 2019 - Dubai, UAE Theme: Investigating Entire Advances in the Field of Vaccine and Immunology**

For details and registration, please visit [https://lnkd.in/dbj\\_Jw8](https://lnkd.in/dbj_Jw8).

**The 10th IAS Conference on HIV Science (IAS 2019) - Mexico City, Mexico - 21-24 July 2019 - registration is now open**

Please see more details and register at <https://lnkd.in/dgup-3N>.

**28th International Workshop on HIV Drug Resistance and Treatment Strategies - 16-18 October 2019 - South Africa - save the date!**

**Basic Immunology in Medicine course - Boston - June 17, 2019**

This course is held as a pre-FOCIS 2019 Annual Meeting course. For registration, please follow <https://lnkd.in/d7ivxsc>.

**The 2nd International Conference on (Re) Emerging Infectious Diseases (ICREID) - (by Africa CDC and Virology Education) - 13-15 March 2019 - Addis Ababa, Ethiopia - abstract submission open**

Please find more details here: <https://virology.eventsair.com/2nd-international-conference-on-re-emerging-infectious-diseases/icreid2019/Site/Register>.

**12th International Veterinary Immunology Symposium (IVIS) - 13-16th August 2019 - Seattle, Washington, USA**

Abstract Submission is open until March 1, 2019. Please visit <https://ivis2019.org/> for more details.

**Ped-HIV Residential Course - 30th January - 1st February 2019 - Hotel/Conference Centre: TBD Johannesburg - Register by Friday 14th December 2018**

PENTA (Pediatric European Network for Treatment of AIDS) is holding a training session for doctors, pharmacists, nurses, clinical officers, medical officers and colleagues involved in the direct care of HIV-infected children, with the support of Janssen. The goal of the training is to cover pediatric HIV topics. This training course is open to people who have not attended a previous course. Should you be interested in registering for this meeting, please send an email to: Charlotte Male ([charlotte.male@pentafoundation.org](mailto:charlotte.male@pentafoundation.org)) and Peter McEneaney

([peter.mceneaney@pentafoundation.org](mailto:peter.mceneaney@pentafoundation.org)) and copy Avy Violari ([violari@mweb.co.za](mailto:violari@mweb.co.za)) no later than Friday 14<sup>th</sup> December 2018.

**PUBLICATIONS and INTERESTING READS:**

**Kenya: More Babies Infected With HIV, Says Report**

<https://lnkd.in/dNvck6X>.

**The biggest pandemic risk? Viral misinformation - interesting read**

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

**The state of vaccine confidence - open access**

<https://lnkd.in/dmg2SdQ>.

**The Fourth International Neonatal and Maternal Immunization Symposium (INMIS 2017): Toward Integrating Maternal and Infant Immunization Programs**

An overview of the proceedings of the 4th International Maternal and Neonatal Immunization Symposium -

<https://lnkd.in/dff9z-e>.

**An unusual population of immune cells appears to exist in zebrafish as well as mammals - interesting study**

[https://lnkd.in/dpm-\\_Bu](https://lnkd.in/dpm-_Bu).

**HIV/AIDS in focus - The Conversation - World AIDS Day - 1 December 2018 - interesting reads:**

Liver transplant from HIV+ living donor to negative recipient: the unanswered questions <https://lnkd.in/gEEeDbk>.

Self-testing: a potentially powerful tool for fighting HIV - <https://lnkd.in/gpgBtV5>.

Overcoming the real – and perceived – barriers to HIV testing - <https://lnkd.in/gg4Pukm>.

Babies born to mums with HIV face higher risks even though they're HIV negative - [https://lnkd.in/grq6c\\_b](https://lnkd.in/grq6c_b).

**Biparental Inheritance of Mitochondrial DNA in Humans - exciting findings!**

<https://lnkd.in/dHkpw6Q>.

**Gut microbiome differs among ethnicities - interesting study**

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

**Ebola Outbreak in East Congo Now World's 2nd Biggest**

[https://lnkd.in/d\\_tA9p8](https://lnkd.in/d_tA9p8).

**Circadian Expression of Migratory Factors Establishes Lineage-Specific Signatures that Guide the Homing of Leukocyte Subsets to Tissues - new study, open access**

<https://lnkd.in/d9uDjyQ>.

**Machine learning helps to hunt down the cause of a paralyzing illness - interesting read**

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

**Half a million tests and many mosquitoes later, new buzz about a malaria prevention drug**

<https://lnkd.in/dRcWkrv>. read full text here: <https://lnkd.in/dmqxGcV>.

## JOBS and POSITIONS

### Laboratory Volunteer (Funded), King's Sierra Leone Partnership - lab scientist volunteer required for work in Sierra Leone

Please see link below for more details:

[https://kslp.org.uk/wpcontent/uploads/sites/84/2018/11/Lab\\_Volunteer\\_JD\\_Oct\\_2018\\_final13.pdf](https://kslp.org.uk/wpcontent/uploads/sites/84/2018/11/Lab_Volunteer_JD_Oct_2018_final13.pdf).

### PhD position: Cellular and molecular determinants of T cell responses to CMV infection

The research group Immune Aging and Chronic Infections (IMCI) of Prof. Dr Luka Cicin-Sain at the Helmholtz Centre for Infection Research (HZI) in Braunschweig, Germany is offering a PhD position. Applications accepted until 16.12.2018. Please find more details here: <https://lnkd.in/dGyiStd>.

### The Wits node of the DST/NRF Centre of Excellence for Biomedical TB Research (CBTBR) is looking for MSc and PhD students

Please find more details below.



UNIVERSITY  
OF THE  
WITWATERSRAND,  
JOHANNESBURG



[twitter.com/CBTBRwits](https://twitter.com/CBTBRwits)  
[facebook.com/CBTBR](https://facebook.com/CBTBR)

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Service  
Johannesburg, South Africa  
+27 11 489 9376  
+27 11 489 9397  
[://www.wits.ac.za/cbtbr](http://www.wits.ac.za/cbtbr)

Date: 19 November 2018

### **Positions for Postgraduate Students and Postdoctoral Fellows**

The Wits node of the DST/NRF Centre of Excellence for Biomedical TB Research (CBTBR) is looking for MSc and PhD students. Successful candidates will have the opportunity to participate in the vibrant research program ongoing in the department. The candidates' research will be funded through several local and international grants awarded to the CBTBR by the Department of Science and Technology, National Research Foundation and the Bill and Melinda Gates Foundation.

The Wits node of the CBTBR provides a dynamic working and training environment for career development. Students will learn/gain experience in the following:

1. Basic molecular biology techniques such as cloning, PCR and bacterial genetics
2. Clinical and translational research aimed at assessing mycobacterial physiology in sputum
3. Culture and handling of human pathogens under BioSafety Level III conditions where appropriate
4. Occupational Health and Safety training with GLP/GCP training and accreditation for clinical projects
5. Specialist techniques in microbial physiology such as microarrays, HPLC and confocal microscopy
6. Analysis of mechanisms of drug resistance emergence in *Mycobacterium tuberculosis*

Students will have the opportunity to interact and grow their research with collaborators, and to present their work at local and international meetings. Please note that this call is for full-time students only who are South African citizens. Part-time applicants will not be considered.

To apply, please send an updated resume, academic transcript and the names and email addresses of three referees to:

Dr Christopher Ealand: [Christopher.Ealand@nhls.ac.za](mailto:Christopher.Ealand@nhls.ac.za), with a copy to Dr Julian Peters: [julian.peters@nhls.ac.za](mailto:julian.peters@nhls.ac.za)

**Closing Date: 16<sup>th</sup> December 2018 with selection to be made mid- January 2019**



### PhD Fellowship in Immunology (Immunoparasitology)

Applications are invited from talented and enthusiastic South African MSc graduates for a PhD position in the Division of Immunology of the University of Cape Town under the supervision of Prof Frank Brombacher and Dr Justin Komguez Nono.

#### Requirements & Eligibility:

- MSc Degree in any relevant life science discipline (Immunology, Biochemistry, Chemical pathology, Microbiology, Infectious Diseases, Genetics, Molecular Biology)
- Previous experience with experimental animal models (mice, rats...) and strong background in parasite immunology with skills in Molecular Biology are desirable
- Precedence will be given to appropriately qualified candidates from previously disadvantaged South African groups.

Scholarship: A minimum of R100 000 / annum for 3 years with possibility of complementary funding from candidate-initiated and supervisor-supported applications

Project Theme: Host determinants of resistance / susceptibility to helminth infections

Models used: *Schistosoma mansoni* (Human and murine), *Nippostrongylus brasiliensis* (murine)

Interested candidates should send motivation Letter, CV and contact details of at least two referees familiar with their work to Dr. Justin Komguez Nono: [Justin.NonoKomguez@uct.ac.za](mailto:Justin.NonoKomguez@uct.ac.za) no later than **December 21<sup>st</sup>, 2018**. Only shortlisted candidates will be contacted for interview.

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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 group's LinkedIn page. Additionally, if you are recruiting/hiring, I am more than happy to advertise it on the group.

Thank you. Wishing you Happy Holidays and see you next year!

Kind regards

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