



## SAIS NEWSLETTER APRIL 26<sup>th</sup>, 2019

Dear SAIS members,

Below, please find this week's newsletter.

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### FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

#### **VII-th Conference of the South African Immunology Society - become a SAIS member and benefit from reduced registration fees**

Please find more details at <https://lnkd.in/dZxkefG>. Early bird registration closes on the 10th of May.



VIIth Conference of the South African Immunology Society  
aha Gateway hotel, Umhlanga, Kwa Zulu Natal, South Africa  
For accommodation bookings & to register visit [www.sais-bookings.co.za](http://www.sais-bookings.co.za)

**Synergy in Immunology**  
18 – 20 June 2019

The 2019 conference will include sessions on Infectious Diseases, Vaccinology, Tolerance, as well as Allergy and Clinical Immunology sessions.  
Listen to internationally renowned guest speakers present cutting edge research.  
Stay up to date with clinical developments.

**Become a Member and benefit from reduced registration fees**  
<https://www.saimmunology.org.za/>

If you will be traveling from outside of Durban, take advantage of the special conference rate offered at aha Gateway Hotel for all conference delegates. <https://www.sais-bookings.co.za/accommodation.php>

#### **Helminths: New Insights from Immunity to Global Health – 7 May - 15:30 SA time**

A free epanel event on helminths in advance of the Keystone Symposia conference on the topic in Cape Town, South Africa, December 11-15, 2019. To register: [bit.ly/VKShelminths](http://bit.ly/VKShelminths).

#### **Role of the Genital Tract Microbiome in Sexual and Reproductive Health - May 22 - 1:30 PM US ET**

Virtual Keystone Symposia event that was filmed at the Keystone Symposia December 2018 conference on this topic in Cape Town. To register: <https://bit.ly/VKSgentract>.

#### **Drug Discovery in Africa - June 5 - 15:30 SA standard time**

A dynamic online discussion on the current state of drug discovery in Africa followed by live Q&A. To register: <https://lnkd.in/d8F-pHa>.

#### **The Interest Workshop - 14th-17th May - Accra, Ghana - Registration is now open!**

Please find more details here: <https://lnkd.in/d7mhrVZ>.



**Molecular Approaches to Clinical Microbiology in Africa course - 07-13 September 2019 - Nairobi, Kenya**  
Application and bursary **deadline 02 May**. <https://lnkd.in/dXGZGWn>.

**Helminth Bioinformatics course - 08-13 September 2019 - Accra, Ghana**  
Application and bursary deadline 09 May. <https://lnkd.in/drC2rhQ>.

**Antimicrobial Resistance in Bacterial Pathogens course - 29 September -04 October 2019 - Hanoi, Vietnam**  
Application and bursary deadline 30 May. <https://lnkd.in/dyhk5y2>.

**Bacterial Genomes: Disease Outbreaks and Antimicrobial Resistance - Online course - 13 May - 14 July 2019**  
Explore the genomes of bacteria and the use of genome sequencing to track harmful disease and AMR. To join: <https://lnkd.in/dsaxmC8>.

**Off-target Effects in CRISPR-Cas9 Genome Editing: Securing Specificity - Webinar - May 7 - 2:30 PM ET**  
Topics to be covered: Whole genome sequencing to assess Cas9 off-target effects in genetically engineered mice Will elimination of off-target effects be good enough? To register, please follow [https://lnkd.in/dWc\\_vHm](https://lnkd.in/dWc_vHm).

**Systems Immunology: Understanding Responses to Vaccination and Infection - Webinar - May 21 - 2:30 PM ET**  
The Scientist is bringing together a panel of experts to discuss their research and experiences in using systems immunology to gain new insights into immune responses to infection through single-cell data analysis, and into innate immune dysfunction in HIV infection. Please visit <https://lnkd.in/dRr4bA4> to register and for more information.

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## **PUBLICATIONS and INTERESTING READS:**

**B cell development is critically dependent on NFATc1 activity (open access)**  
<https://lnkd.in/gDNHzFx>.

**Two Patients Treated with CRISPRed Cells in Immunotherapy Trial (interesting read)**  
One person with multiple myeloma and one with sarcoma are the first so far to receive the genetically engineered T cells in the study. <https://lnkd.in/dCvYESR>.

**Inactivating hepatitis C virus in donor lungs using light therapies during normothermic ex vivo lung perfusion (open access)**  
<https://lnkd.in/deky5DE>.

**Researchers Identify How Liver Cells Protect Against Viral Attacks**  
<https://lnkd.in/dE43-At>.

**Cancer-Specific Antigens Encoded in “Junk” DNA - interesting read**  
Researchers found that allegedly noncoding genetic material carries the instructions for many peptides that may help harness the immune system to fight cancer. <https://lnkd.in/dXg2NpU>.

**AIRE expression controls the peripheral selection of autoreactive B cells (open access)**  
<https://lnkd.in/dMu3AMu>.



**Modulation of asymmetric cell division as a mechanism to boost CD8+ T cell memory (open access)**

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

**Prolonged evolution of the memory B cell response induced by a replicating adenovirus-influenza H5 vaccine (open access)**

<https://lnkd.in/dv89YPB>.

**Evaluation of Mucosal and Systemic Vaccine Responses by Cyclic di-GMP (CDG)-adjuvanted Protein Subunit Vaccines**

New protocol that might be of interest to vaccinologists: <https://lnkd.in/dW72X5X>.

**Maternal immunization confers protection against neonatal herpes simplex mortality and behavioural morbidity**

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

**Single-Cell Transcriptomics of Human and Mouse Lung Cancers Reveals Conserved Myeloid Populations across Individuals and Species**

Map of tumours' immune cell populations points to new targets for immunotherapy: <https://lnkd.in/dXRBWuc>.

**Distribution of World's First Malaria Vaccine Begins**

The World Health Organization and its partners will test the public health effect of immunization in parts of Malawi, Ghana, and Kenya. <https://lnkd.in/dKC97cC>.

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



(Platinum Sponsor);



(Silver Sponsor);



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



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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