

SAIS NEWSLETTER JUNE 7th, 2019

Dear SAIS members,

Please remember to nominate members for the **SAIS national executive committee** and **Regional SAIS representatives** using the forms sent earlier this week by Annie Klaas. Self-nominations are welcomed! If you did not receive a form, please check with Annie that your membership fees are up to date (conference2@onscreenav.ac.za). Please send in your forms by **Friday, the 14th of June**.

Below, please find this week's newsletter.

FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

VALIDATE-BSI Conference - Vaccine Development for Neglected Intracellular Pathogens - 2-3 October 2019 - London, UK

The conference is open to anyone interested in vaccine R&D for pathogens. The talks will be grouped around three sessions: "Tissue-specific immunity, host-pathogen interactions, macrophages, and the microenvironment", "Biomarkers (including omics and Big Data)", and "Latest vaccine developments". You can find out more details here: <https://lnkd.in/dgucqSr>.

The 15th Annual African Vaccinology Course - 4-8 November - Cape Town, SA

Applications deadline July 19. Please find more information here: <https://lnkd.in/dPdTWAD>.

VIIth Conference of the South African Immunology Society - TWO WEEKS TO GO



VIIth Conference of the South African Immunology Society
aha Gateway hotel, Umhlanga, Kwa Zulu Natal, South Africa

TWO WEEKS TO GO: To Register [CLICK HERE](#)



Synergy in Immunology
18 – 20 June 2019

The 2019 conference will include sessions on Tuberculosis, HIV, Oncology, Vaccinology, Tolerance, as well as Allergy and Clinical Immunology sessions and an education session with a focus on diagnostics

Join the Pre Conference Workshop on Monday, 17th June 2019
Immunology 101, is a comprehensive course, taught by National experts. The aim is to provide an overview of the basics of immunology

Become a Member and benefit from reduced registration fees

The South African Immunology Society is affiliated with the International Union of Immunological Societies and the Federation of African Immunological Societies

<https://www.saimmunology.org.za/>



VIIIth Conference of the South African Immunology Society - Conference Gala Dinner: 19 June 2019

Please see details below:



Writing the NIH Research (R01) grant: Strategies for Success - Webinar - June 18 - 11:00 AM PDT

Learning Objectives: *Learn the fundamentals of National Institutes of Health (NIH) Research (R) grants; *Learn a strategy for writing a successfully funded NIH R01 grant proposal proven by leading PIs and NIH peer reviewers. To register, please visit https://lnkd.in/df_VRHc.

Mathematical Modelling of Infectious Disease Dynamics: A PLOS Cross-Journal Call for Papers

PLOS ONE, PLOS Biology and PLOS Computational Biology are delighted to announce a Call for Papers in Mathematical Modelling of Infectious Disease Dynamics, where submissions will be included in a Collection bringing together different disciplines such as mathematics, biology, medicine and physics in order to shed light on this crucial topic, and to present this research to the broad readership of the three journals. <https://lnkd.in/duyrmi3>.

Building better mouse models: Utilizing humanized mouse models for immunotherapy research – Webinar - 19 June - 5 p.m. UK (BST)

During the webinar, the viewers will: *Learn how to select the most optimal model for your research *Explore specific models that have been engrafted with PBMCs *Assess the human immune system function, including characterizing disease development and progression of graft-versus-host disease *Be able to ask questions during the broadcast. To register, please go to <https://lnkd.in/daNU8-e>.

Immuno-Oncology for Solid Tumors: Overcoming Barriers in the Tumor Microenvironment - Webinar - June 18 - 2:30-4:00 PM Eastern Time

Topics to be Covered: Immunotherapy in Lung Cancer; Adoptive Immunotherapy: Overcoming Barriers Against Solid Tumors with Potent T cells. To register, please go to <https://lnkd.in/dZkIQ4m?>.

PUBLICATIONS and INTERESTING READS:

A Public BCR Present in a Unique Dual-Receptor-Expressing Lymphocyte from Type 1 Diabetes Patients Encodes a Potent T Cell Autoantigen (open access)

A novel type of immune cell, bearing characteristics of both B and T lymphocytes, discovered in patients suffering from Type 1 Diabetes. https://lnkd.in/dtD_7xV.

Algeria and Argentina declared malaria-free

Scientists discovered the malaria parasite in Algeria in 1880. <https://lnkd.in/dhtu8Te>.

The economics of malaria control in an age of declining aid (open access)

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

Functional inhibition of acid sphingomyelinase disrupts infection by intracellular bacterial pathogens (open access)

https://lnkd.in/dd_6QuN.

Could Tolerating Disease Be Better than Fighting It?

Quieting immune attacks against pathogens and even providing nutrients to the invaders could improve health, according to a new line of research. <https://lnkd.in/g43iPDw>.

Do Commensal Microbes Stoke the Fire of Autoimmunity?

Molecules produced by resident bacteria and their hosts may signal immune cells to attack the body's own tissues. <https://lnkd.in/d7iWhap>.

Stalk antibodies provide flu protection in humans

This study, published in Nature Medicine, shows that targeting a specific area of the flu virus does protect humans. <https://lnkd.in/dZfc4Sh>.

NIH-Supported Study Reveals a Novel Indicator of Influenza Immunity

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

Newfound autoimmune syndrome causes muscle pain, weakness

Rare syndrome can be treated with anti-inflammatory drugs. <https://lnkd.in/dieh5qt>.

Drug-resistant tuberculosis reversed in lab

New strategy may improve treatment for deadly infection. <https://lnkd.in/d-gWJUz>.

Genetic mutation that prevents HIV infection tied to earlier death

Those with two copies of the $\Delta 32$ allele in the CCR5 gene are 21 per cent more likely to die by age 76, although it's not clear why. https://lnkd.in/dA2Fm_v.

New methodologies for the estimation of population vulnerability to diseases: a case study of Lassa fever and Ebola in Nigeria and Sierra Leone

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

Ebola cases pass 2,000 as crisis escalates

Cases have doubled in just over two months in the Democratic Republic of the Congo. <https://lnkd.in/dg4MFzc>.

Common skin bacterium puts children with severe eczema at higher risk of food allergy

In a new study published today in the Journal of Allergy and Clinical Immunology, scientists from King's College London have found that young children with severe eczema infected with Staphylococcus aureus (SA) bacterium, are at a higher risk of developing a food allergy. <https://lnkd.in/divXFZC>.

Thank you to our **sponsors for the VIIth 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:**



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
 Dana Savulescu (PhD), Pr.Sci.Nat.
 Mobile: +27 74 6800082
 Email: danams79@gmail.com