



SAIS NEWSLETTER MAY 31st, 2019

Dear SAIS members,

Below, please find this week's newsletter.

FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

The Nature Conference Next Gen Immunology 2020 - February 2-5, 2020 - Weizmann Institute of Science, Israel - registration is now open

This year, the meeting will be focused on understanding immunity in the context of health and disease – including the nervous system, cancer, metabolic tissue and mucosal barrier sites – as well as our meta-organismal partners: the microbiome. Please follow <https://lnkd.in/dzwR7s2> for more information and registration.

The annual meeting of the Society for Maternal-Fetal Medicine (SMFM), The Pregnancy Meeting™ - February 3–8, 2020 - Texas, USA

To find out more information and register, please visit <https://www.smfm.org/2020>. (May be of interest to those working in the maternal-foetal immunology space.)

Available Keystone Symposia Global Health Travel Awards to attend and participate in select Keystone Symposia meetings

Keystone Symposia offers Bill & Melinda Gates Foundation-funded Global Health Travel Awards to scientists, students and post-doctoral fellows who wish to attend and participate in select Keystone Symposia meetings. For more details and to apply, please visit <https://lnkd.in/dfUG3Tc>. The deadline varies by meeting, please see relevant links below:

6/11/2019 - The Malaria Endgame: Innovation in Therapeutics, Vector Control and Public Health Tools - Addis Ababa: <https://lnkd.in/dpSz-GJ>.

6/18/2019 - Why So Many Ways to Die? Apoptosis, Necroptosis, Pyroptosis and Beyond - Sao Paulo, Brazil: <https://lnkd.in/dem4vBP>.

7/9/2019 - Helminths: New Insights from Immunity to Global Health - Cape Town, South Africa: <https://lnkd.in/dDp7g2G>.

Don't forget to register for the Keystone Symposia Drug Discovery in Africa ePanel - June 5, 2019 - 13:30 - 15:00 SA time

<https://lnkd.in/d8nBTCE>.

Cell Symposia Neuro-Immune Axis: Reciprocal Regulation in Development, Health and Disease - September 22-24 - Long Beach, CA, USA

Registration deadline is June 7. Please follow <https://lnkd.in/dyjTn92> for more information.

A Journey into the Immune Laborynth - Pre-Congress PID Workshop - 25 July - AMPATH, 166 Witch-Hazel Ave, Highveld Park, Centurion

Practical test demonstrations and laboratory results will be used to interpret clinical cases with the guidance of our expert panel. This workshop will highlight the indications for ordering, interpretation and potential pitfalls of immune tests. Only 50 places available; R1 250 pp; registration on acceptance of application. To apply email Claries@londocor.co.za.



PUBLICATIONS and INTERESTING READS:

Live-cell imaging reveals the relative contributions of antigen-presenting cell subsets to thymic central tolerance (open access)

Visualizing the maturation of T Cells in the thymus: <https://lnkd.in/dCiCx2U>.

Radical ideas are needed to break the DRC's Ebola outbreak. Here are some

<https://lnkd.in/dEZCGc7>.

The Chimpanzee SIV Envelope Trimer: Structure and Deployment as an HIV Vaccine Template (open access)

<https://lnkd.in/dBm2G-R>.

Parasite resource manipulation drives bimodal variation in infection duration (open access)

Why some parasitic worms persist in people: <https://lnkd.in/dZf2xB7>.

CD8+ T cells induce cachexia during chronic viral infection (open access)

An unexpected role for Killer T cells and a mechanism by which viral infection can lead to cachexia revealed: <https://lnkd.in/dRqcW89>.

Newly identified bacteria-killing protein needs vitamin A to work

This study shows the impact of diet on the ability of the skin to protect itself against bacterial infection: <https://lnkd.in/d3kPFRM>.

Tissue tropism in parasitic diseases (review article)

<https://lnkd.in/dqrGSD8>.

The shift in tuberculosis timing among people living with HIV in the course of antiretroviral therapy scale-up in Malawi

<https://lnkd.in/d87m6BV>.

The viral protein corona directs viral pathogenesis and amyloid aggregation (open access)

<https://lnkd.in/dUnjknP>. Researchers find that viruses interact with host proteins, resulting in the formation of a protein coat on the viral surface, which turns the virus into more infectious.

Special delivery: Gold nanoparticles ship CRISPR cargo

Fred Hutch scientists used their new golden courier to edit genes tied to HIV, genetic blood disorders. <https://lnkd.in/dtz5pyu>.

Impact of seasonal variations in Plasmodium falciparum malaria transmission on the surveillance of pfhrp2 gene deletions

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

Benefits of breastfeeding can last a lifetime

Mothers can transfer lifelong protection against infection to their infants by breastfeeding, says a new study by an international team of scientists led by researchers at the University of Cape Town (UCT). <https://lnkd.in/d8P4dTe>.

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SOUTH AFRICAN IMMUNOLOGY SOCIETY



Healthy, stress-busting fat found hidden in dirt

University of Colorado Boulder researchers have identified an anti-inflammatory fat in a soil-dwelling bacterium that may be responsible. <https://lnkd.in/d8jDSEk>.

Thank you to our **sponsors for the VIth 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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