



SAIS NEWSLETTER JUNE 14th, 2019

Dear SAIS members,

Last reminder to nominate members for the **SAIS national executive committee** and **Regional SAIS representatives** using the forms sent last 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). Nomination forms must be sent in **by today (Friday, the 14th of June)**.

Please note that our next newsletter will be sent out on the 28th of June instead of next week.

Below, please find this week's newsletter.

FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

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

Please see details below:

A NIGHT AT
THE OSCARS

*You Are Invited to the Gala Dinner, of the
VIIth Conference of the South African Immunology Society*

Special Guest Appearance: Mr Darren Maule (Comedian)
Guest Speaker: Prof Debbie Glencross
Theme: A night at the Oscars
Dress Code: Come dressed for the red carpet

Date: Wednesday, 19 June 2019
Time: 19h00
Venue: aha Gateway Hotel
Cost: R375.00 per person

To RSVP please register online with your conference registration at
<https://www.sais-bookings.co.za/registration.php>

If you have already registered for conference but didn't register for dinner, or if you wish to attend the dinner only, please contact conference2@onscreenav.co.za

The 23rd International AIDS Conference (AIDS 2020): Resilience - 6-10 July 2020 - San Francisco and Oakland
Registration opens on 1st October. Please visit <https://lnkd.in/dzb2E-v> for more information.

The IMPRINT Pump-priming grants and Public engagement grants - deadlines are approaching
5 July 2019, 3 pm GMT (Pump-priming call) 17 July 2019, 3 pm GMT (Public engagement call) Please find more information on these funding opportunities here: <https://lnkd.in/dCTKpTW>.

Fall 2019 Labroots Scholarship - call for applications

The program welcomes applications from students needing support for research projects, travel expenses, and training supplies associated with their academic pursuits in one of the STEM fields. For more details and to apply, please visit <https://lnkd.in/dJ7hbM3>. Scholarship application will close on Sep 06, 2019.

The changing landscape of diagnostic biomarkers: Revealing the future of diagnostics, from singleplex to multiplex - Webinar - 12 June - 6 p.m. CET

In this webinar, the expert panel will discuss: • An overview of the multiplex technologies under consideration as potential diagnostic tools • The pros and cons of singleplex IHC versus multibiomarker panels for patients, clinicians, cost centres, and regulators • The hurdles faced by new companion diagnostics chemistries and what the regulatory pathway for their application might look like. To register, please follow <https://lnkd.in/ghxBPdD>.

Unlocking the Potential of the Laboratory through Clinical Decision Support - Webinar - 12 June - 10 MA PDT

Objectives: *Review the key challenges the laboratory industry is facing which is driving the need for improved diagnostic guidance solutions *Encourage a common language and broader participation of the laboratory in the clinical decision making process *Provide specific examples and use cases of effective clinical decision support implementations *Foster selection of high-impact projects to effectively target clinical variability and drive best practice. To register: https://lnkd.in/gDE_mX3.

PUBLICATIONS and INTERESTING READS:

The Not-so-Sterile Womb: Evidence That the Human Fetus Is Exposed to Bacteria Prior to Birth (open access)
<https://lnkd.in/dDYcWHa>.

To fight TB infection, early protection is crucial

New approach may aid development of more effective vaccine. <https://lnkd.in/dWd2Bq5>.

None of us is an island, especially when it comes to vaccination and immunisation

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

Paternal Tobacco Smoke Correlated to Offspring Asthma and Prenatal Epigenetic Programming

Study finds that fathers who smoke alter the epigenetics of immune genes and increase the risk of asthma in their kids: <https://lnkd.in/dbdvjWN>.

Checkpoint immunotherapy is safe and effective for HIV-positive people with cancer

Keytruda and Imfinzi were well tolerated and responses were similar to those seen in HIV-negative people. <https://lnkd.in/dTTskG7>.

Transgenic fungus rapidly killed malaria mosquitoes in West African study

Technology developed at the University of Maryland could safely reduce malaria mosquito populations, including insecticide-resistant strains. <https://lnkd.in/d6ei4va>.

How to quell a cytokine storm: international team finds new ways to dampen an overactive immune system

<https://lnkd.in/dd4aMNv>.

How to bring preprints to the charged field of medicine

MedRxiv launches with beefed up screening processes to allay concerns about risks of publishing unvetted clinical research. <https://lnkd.in/drBwWYd>.

Increased growth ability and pathogenicity of American- and Pacific-subtype Zika virus (ZIKV) strains compared with a Southeast Asian-subtype ZIKV strain (open access)

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

Durable Control of HIV Infection in the Absence of Antiretroviral Therapy - Opportunities and Obstacles

<https://lnkd.in/dkCJK6K>.

Adherence is delaying HIV elimination targets. What's needed to break the cycle

<https://lnkd.in/dksYXT3>.

Chickenpox vaccination lowers risk of paediatric shingles

Study of more than 6 million children showed routine varicella vaccine considerably lessened likelihood of painful shingles disease. <https://lnkd.in/dH89HU2>. <https://lnkd.in/dxQwFgm>.

Pneumonia mapped in largest genomic survey of any disease-causing bacterium

Pneumococcal lineages associated with serotype replacement and antibiotic resistance in childhood invasive pneumococcal disease in the post-PCV13 era: an international whole-genome sequencing study (open access): <https://lnkd.in/d3S4jru>.

Sustained Wolbachia-mediated blocking of dengue virus isolates following serial passage in Aedes aegypti cell culture (open access)

A new control technique that harnesses the naturally occurring Wolbachia bacteria, which blocks replication of viruses and breaks the mosquito-borne disease cycle: <https://lnkd.in/drTtH9d>.

The current and future global distribution and population at risk of dengue (open access)

<https://lnkd.in/g9zECCW>.

Type A blood converted to universal donor blood with help from bacterial enzymes

<https://lnkd.in/gMF3r9d>.

Ebola outbreak crosses border into Uganda

A five-year-old boy is the first confirmed case there linked to the ongoing epidemic in the Democratic Republic of the Congo. <https://lnkd.in/ge63WDW>.

CXCR4 regulates Plasmodium development in mouse and human hepatocytes (open access)

Study shows that the Plasmodium parasites responsible for malaria rely on CXCR4 for their development into a form able to infect red blood cells. Targeting CXCR4 has the potential to prevent the development of malaria.

Women caught in a pickle by their own immune systems

ASU scientists develop new hypothesis to explain sex differences in human diseases. https://lnkd.in/dD3jx_n.

Thank you to our **sponsors for the VIIth 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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