



## SAIS NEWSLETTER APRIL 12<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/>

The poster features a background of colorful, abstract, swirling patterns in shades of blue, green, and red, resembling a microscopic view or a complex network.

**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>

### **Off-target Effects in CRISPR-Cas9 Genome Editing: Securing Specificity - Webinar - May 7 - 2:30-4:00 PM ET**

The Scientist is bringing together a panel of experts to discuss the current understanding of how off-target effects may limit the applications of Cas9-mediated genome modification. To register, please visit <https://lnkd.in/dDTekus>.

### **Free ePanel - Digital Health: From Science to Application - April 18 - 1:30-3:00 PM ET**

A free ePanel discussion filmed at the recent Keystone Symposia conference on "Digital Health: From Science to Application" for an illuminating look at this transformative phenomenon disrupting the biomedical landscape: <https://lnkd.in/dAdFzFJ>.



**13th Vaccine Congress - oral abstract submission deadline extended to April 15th! - 15-18 September - Bangkok, Thailand**

To send an abstract, please go to <https://lnkd.in/dTkaT2y>.

**INDVAC 2019 - 8th Advanced Course in Vaccinology in India - September 16-25, 2019 - Vellore, Tamil Nadu, India**

Registration opens on April 14 at [www.indvac.org](http://www.indvac.org). Registration closes on May 31. For further details and enquiries, email [indvac.cmc@gmail.com](mailto:indvac.cmc@gmail.com). Scholarships are available. INDVAC selects 10 delegates from Africa (sponsored).

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**PUBLICATIONS and INTERESTING READS:**

**Gut microbiota dependent anti-tumor immunity restricts melanoma growth in Rnf5<sup>-/-</sup> mice (open access)**

<https://lnkd.in/dcPCgWi>. The gut microbiome directs the immune system to fight cancer.

**Edible antibodies to treat and prevent gastrointestinal disorders**

<https://lnkd.in/ddN5jc9>.

**Microbes may take some of the blame for the reproducibility crisis (interesting read)**

<https://lnkd.in/d-GB4bF>.

**CSU researchers discover new technique to test for viral infections**

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

**Discovery of a restriction factor for hepatitis B virus**

<https://www.pasteur.fr/en/research-journal/news/discovery-restriction-factor-hepatitis-b-virus>

**Influenza Vaccines: good, but we can do better (open access)**

<https://lnkd.in/du3Q7JM>.

**Mount Sinai researchers develop treatment that turns tumors into cancer vaccine factories - interesting read**

<https://lnkd.in/daxCjsz>. Revealing a novel approach to cancer immunotherapy: injecting immune stimulants directly into a tumour to teach the immune system to destroy it and other tumour cells throughout the body.

**Suppression of exosomal PD-L1 induces systemic anti-tumor immunity and memory (open access)**

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

**Maternal Vaccination and Breastfeeding**

A review of the evidence and recommendations for administration of vaccines to nursing mothers:

<https://lnkd.in/dQG3B8d>.

**Identification of lymph node cells that may play important roles in immune tolerance**

[https://lnkd.in/dsQ\\_w8C](https://lnkd.in/dsQ_w8C).



**Dartmouth Researchers Offer New Insights into How Maternal Immunity Impacts Neonatal HSV**

<https://lnkd.in/dHZ2H6X>.

**NIH researchers make progress toward Epstein-Barr virus vaccine**

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

**Mapping the potential use of endectocide-treated cattle to reduce malaria transmission (open access)**

<https://lnkd.in/d9VGdS6>.

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**JOBS and POSITIONS**

**Postdoctoral position in Tuberculosis Immunology** - please find details below:

**Postdoctoral position in Tuberculosis Immunology**

Stellenbosch University, Faculty of Medicine and Health Sciences (FMHS),

Division of Molecular Biology & Human Genetics

Stellenbosch University Immunology Research Group (SU-IRG) [www.sun.ac.za/immunology](http://www.sun.ac.za/immunology)

An opportunity exists within the SU-IRG research group for a postdoctoral fellow for 2019-2020.

The SU-IRG is a specialist Tuberculosis Immunology Group. The focus is on the Immunology of *Mycobacterium tuberculosis* infection and in particular the identification of host biomarkers, including diagnostic markers, markers of TB treatment response and markers of protective immunity against MTB.

The B-cell laboratory within the SU-IRG performs research around the different cell phenotypes, specifically regulatory (killer) B-cells present during latent and active Tuberculosis and HIV disease, how it interacts with other immune cells and uses the information for the discovery of associated biomarkers of infection, disease progression and response to successful TB treatment.

Eligible candidates are encouraged to apply for this Tax Free Funded Fellowship. All applicants should possess a PhD in Biological Sciences. Candidates with an aptitude for mechanistic research and data analysis will enjoy preference.

**Conditions:**

The successful incumbent will be required to comply with the University's approved policies, procedures and practises for postdoctoral fellows.

Applications must be submitted by latest **15 May 2019** and must include:

1. Letter of motivation, including summary of research experience (~ 350 words)
2. Detailed CV with publications
3. Names of three references (one of whom must be the PhD supervisor)

For more information or to apply, please contact:

Dr Andre G Loxton ([GL2@sun.ac.za](mailto:GL2@sun.ac.za))

For more on B-cells and TB visit:

Web: [goo.gl/hk3YuU](http://goo.gl/hk3YuU)

Pubmed: <http://goo.gl/s877DG>

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



(Platinum Sponsor);



(Silver Sponsor);



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"taking the SEARCH out of RESEARCH"



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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