

SAIS NEWSLETTER APRIL 5th, 2019

Dear SAIS members,

Below, please find this week's newsletter.

FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

2nd Cape Town Flow Cytometry Workshop - register now!

Late registration closes on the 7th of May. Please see below:



ISAC
International Society for Analytical Cytometry

2nd Cape Town Flow Cytometry Workshop
28 - 30 May 2019
• Limited to 50 attendees •

QUALIFIES FOR CPD POINTS

INVITED SPEAKERS

- Sue Chow**
Toronto, Canada
- Daivd Hedley**
Toronto, Canada
- Alana Keyser**
UCT, South Africa
- Hanumanthappa Krishnamurthy**
Bangalore, India
- Zosia Maciorowski**
Paris, France
- Elisa Nemes**
UCT, South Africa
- Alan Saluk**
Clifornia, USA
- Vivek Tanavde**
Ahmedabad University, India
- Bill Telford**
Maryland USA

WETLABS AND TUTORIALS

- Basics of Flow Cytometry • Cell Cycle, Proliferation and Apoptosis
- Stem Cell Assays • Cell sorting • Quality control and Data analysis
 - Intracellular staining • Multicolour experiments
- Core facility management

IMPORTANT DATES

- Registration opens
31 January 2019
-
- Early bird registration closes
28 February 2019
-
- Late registration closes
7 May 2019

visit our website at www.isac-cf-flowworkshop.com

The Promise of AAV-Mediated Antibody Delivery for the Prevention and Treatment of HIV Infection - Webinar - April 3rd, 2019 - 11:00 – 11:45 AM EST

To watch retrospectively: <https://lnkd.in/dYNpJJW>.

Keystone Symposia - The Malaria Endgame: Innovation in Therapeutics, Vector Control and Public Health Tools - 30 October -02 November 2019 - Addis Ababa, Ethiopia

For more details and registration, please visit <https://lnkd.in/dzJxiPv>. Discounted Abstract Deadline: 27 June 2019.



Keystone Symposia - Microbiome: Therapeutic Implications - 6-10 October 2019 - Killarney, Co. Kerry, Ireland

Discounted Abstract Deadline: Jun 6, 2019. For registration and more details, please visit <https://lnkd.in/dpzR8aC>.

NOW OPEN: Call for Nominations for the 2019 South African Women in Science Awards (SAWiSA)

<https://lnkd.in/d8YaFHj>. Nominations and applications on the attached form should reach the Department of Science and Technology by Friday, 31 May 2019. No late submissions will be accepted.

Systems Immunology: Understanding Responses to Vaccination and Infection - Webinar - May 21, 2019 2:30-4:00 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. <https://lnkd.in/dRr4bA4>.

PUBLICATIONS and INTERESTING READS:

UTSW researchers identify new mechanism to reduce inflammation

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

New Evidence Links Lifespan Extension to Metabolic Regulation of Immune System

Joslin researchers show that caloric restriction lowers levels of innate immunity and inflammation, leading to increased longevity. <https://lnkd.in/gKS78f8>.

Emergence of antibiotic resistance in immunocompromised host populations: A case study of emerging antibiotic resistant tuberculosis in AIDS patients

<https://lnkd.in/g2Rh9Wc>.

Tuberculosis Exacerbates HIV-1 Infection through IL-10/STAT3-Dependent Tunneling Nanotube Formation in Macrophages (open access)

<https://lnkd.in/g9ZpCje>.

Bacteria partners with virus to cause chronic wounds

A virus that infects dangerous bacteria helps it thrive in wounds, according to a study by Stanford researchers. But a vaccine against the virus dramatically cuts the bacteria's infectivity. <https://lnkd.in/d6t97sW>. <https://www.nature.com/articles/d41586-019-00991-4>.

Role of Type I Interferon (IFN) in the Respiratory Syncytial Virus (RSV) Immune Response and Disease Severity

Pediatric health researchers offer insights for RSV vaccine: <https://lnkd.in/d4hYWNd>.

The Next Frontier of CAR T-Cell Therapy: Solid Tumors

The technology has wowed the field by all but obliterating some patients' blood cancers, but solid malignancies present new challenges. <https://lnkd.in/dwhV9DJ>.

Clonal and Quantitative In Vivo Assessment of Hematopoietic Stem Cell Differentiation Reveals Strong Erythroid Potential of Multipotent Cells (open access)

A thorough accounting of blood cell production from hematopoietic stem cells. <https://lnkd.in/dkxvUtn>.



Prenatal Allergen Exposure Perturbs Sexual Differentiation and Programs Lifelong Changes in Adult Social and Sexual Behavior (open access)

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

First Ever Living Donor HIV-to-HIV Kidney Transplant

<https://lnkd.in/df9epcN>.

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

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)

For more on B-cells and TB visit:

Web: 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);



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Africa's Genomics Company



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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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