

SAIS NEWSLETTER – NOVEMBER 30th, 2021

Dear SAIS

Please find this week's newsletter. Congratulations to our new SAIS executives. We wish them a successful tenure of office. Please visit our social media platforms for more daily updates on SAIS activities. I warmly welcome all new publications from our SAIS network for inclusion in the next newsletter.

Congratulations to our new SAIS President



PROF THERESA ROSSOUW

Prof. Theresa Rossouw is a medical doctor and Professor of Immunology at the University of Pretoria

FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

Live Webinar – ARV-trial.com - Switching around the spectrum of virologic failure - Thursday, December 2nd 2021

Upcoming Keystone Conferences – Abstract and Scholarships are available

Innate Immunity: Complement and Beyond

Scientific Organizers: Claudia Kemper, Christoph J. Binder and Feng Shao

Date and Location: April 3-6, 2022 | Snowbird Resort, Snowbird, UT., USA

B Cell-T Cell Collaboration: Regulation and Dysregulation

Scientific Organizers: Victor L.J. Tybulewicz, Kai-Michael Toellner, Julie Zikherman and Pamela L. Schwartzberg

Meeting Details: April 3-6, 2022 | Herrenhausen Palace, Hannover, Germany

Single Cell Biology: Pushing New Frontiers in the Life Sciences

Scientific Organizers: Nikolaus Rajewsky and Massimiliano Pagani

Meeting Details: April 5-9, 2022 | Firenze Fiera - Nazioni, Florence, Italy

Malaria: Confronting Challenges From Drug Discovery to Treatment

Organizers: David A. Fidock, Kelly Chibale, Elizabeth A. Ashley
April 10 - 13, 2022 | Beaver Run Resort, Breckenridge CO, USA

To submit an abstract/scholarship or register please visit <https://www.keystonesymposia.org/KS/>

The 24th International AIDS Conference, Montreal, Canada, and virtually - Registration now open- Please visit: <https://www.aids2022.org/>



PUBLICATIONS and INTERESTING READS

Heavily mutated coronavirus variant puts scientists on alert

https://www.nature.com/articles/d41586-021-03552-w?utm_source=Nature+Briefing&utm_campaign=053fd5d19d-briefing-dy-20211126&utm_medium=email&utm_term=0_c9dfd39373-053fd5d19d-46191682

Second person 'naturally' free of HIV

https://www.statnews.com/2021/11/15/scientists-report-finding-second-person-naturally-cured-of-hiv/?utm_source=Nature+Briefing&utm_campaign=e62a016717-briefing-dy-20211118&utm_medium=email&utm_term=0_c9dfd39373-e62a016717-46191682

Do vaccines protect against long COVID?

<https://www.nature.com/articles/d41586-021-03495-2>

Association Between Risk of COVID-19 Infection in Nonimmune Individuals and COVID-19 Immunity in Their Family Members

https://www.practiceupdate.com/c/125116/2/20/?elsca1=emc_enews_daily-digest&elsca2=email&elsca3=practiceupdate_rm&elsca4=respiratorymedicine&elsca5=newsletter&rid=NDY1Mzc5NzcwNTYyS0&lid=22920205

Male Sex Is Associated With Worse Outcomes Following Tuberculosis Treatment

<https://academic.oup.com/cid/article-abstract/73/9/1580/6294896>

Impact of Checkpoint Inhibitor Immunotherapy, Primarily Pembrolizumab, on Infection Risk in Patients With Advanced Lung Cancer: A Comparative Retrospective Cohort Study

<https://pubmed.ncbi.nlm.nih.gov/32564081/#:~:text=Conclusions%3A%20Lung%20cancer%20patients%20treated,when%20it%20comes%20to%20UTIs.>

Every day more than 650 children die from TB

<https://www.tbonline.info/posts/2021/11/19/every-day-more-650-children-die-tb/>

Immunogenicity and efficacy of heterologous ChadOx1/BNT162b2 vaccination

<https://www.tbonline.info/posts/2021/11/19/every-day-more-650-children-die-tb/>

Pathology of TB/COVID-19 Co-Infection: The phantom menace

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7669479/>

Tumor cell intrinsic Toll-like receptor 4 signaling promotes melanoma progression and metastatic dissemination

<https://onlinelibrary.wiley.com/doi/10.1002/ijc.33804>

Housing and asthma disparities

[https://www.jacionline.org/article/S0091-6749\(21\)01453-6/fulltext](https://www.jacionline.org/article/S0091-6749(21)01453-6/fulltext)

Occupational health disparities: The pandemic as prism and prod

<https://www.tbonline.info/posts/2021/10/19/new-study-casts-doubt-way-which-tb-transmitted/>

Clinical trial finds shorter, more effective, and safer treatment for drug-resistant TB

<https://www.tbonline.info/posts/2021/10/20/msf-tb-clinical-trial-finds-shorter-more-effective/>

Mix-and-match COVID vaccines ace the effectiveness test

https://www.nature.com/articles/d41586-021-02853-4?utm_source=Nature+Briefing&utm_campaign=a9bf871905-briefing-dy-20211022&utm_medium=email&utm_term=0_c9dfd39373-a9bf871905-46191682

Immunologic resilience and COVID-19 survival advantage

[https://www.jacionline.org/article/S0091-6749\(21\)01363-4/fulltext](https://www.jacionline.org/article/S0091-6749(21)01363-4/fulltext)

Association Between mRNA Vaccination and COVID-19 Hospitalization and Disease Severity

https://www.practiceupdate.com/c/126385/2/20/?elsca1=emc_ews_daily-digest&elsca2=email&elsca3=practiceupdate_rm&elsca4=respiratorymedicine&elsca5=newsletter&rid=NDY1Mzc5NzcwNTYyS0&lid=22920205

Neurologic Complications After a First Dose of COVID-19 Vaccination and SARS-CoV-2 Infection

https://www.practiceupdate.com/c/126345/2/20/?elsca1=emc_eneews_daily-digest&elsca2=email&elsca3=practiceupdate_rm&elsca4=respiratorymedicine&elsca5=newsletter&rid=NDY1Mzc5NzcwNTYySO&lid=22920205

JOBS and POSITIONS

Postdoctoral Fellowship Position

Department of Microbiology and Biochemistry, Molecular Virology Group, UFS, Bloemfontein

The Molecular Virology group at the University of the Free State have an exciting position for a dynamic postdoctoral fellow to develop a bovine rotavirus reverse genetics system (RGS). The ideal candidate must have a PhD in Biochemistry, Microbiology, Virology or a related field. The position is available for 1 year, which can be renewed based on satisfactory progress. Interested candidates can contact Prof Trudi O'Neill at oneillhg@ufs.ac.za. Please provide a cover letter summarising your areas of expertise, research interests and experience, your CV, including names and contact details of references, as well as an academic record in one pdf file. The successful applicant should be available to commence with the fellowship on 1 February 2022 or as soon as possible thereafter.

Research Technologist I – HVTN, Cape Town

The individual would be involved in evaluating immune responses using techniques such as multi-parameter flow cytometry (e.g., intracellular cytokine staining, cellular phenotyping, cell sorting), multiplex protein detection, molecular techniques (e.g. isolation of nucleic acids, PCR, next-generation sequencing, single-cell RNA-Seq), ELISpot, ELISA, MSD and microscopy. Good research background would be an advantage. Qualifications: BTech, BSc, BHSc, or MSc degree with at least 2 years of wet lab experience in immunology, molecular biology, virology or related field. Interested applicants should send a direct email to Bongji Vilakazi (svilakaz@hcrisa.org.za).

Research Scientist - SciStaff, Cape Town, Western Cape

Interested applicants must have MSc (Biochemistry, Immunology or related field) with at least 5 years working experience in ELISA or flow cytometry required. PK, ADA, GCP or GLP experience will be an advantage as well as working in an accredited environment. Candidates can submit CVs to cvs@scistaff.co.za. Please state your current salary package and salary expectations when submitting your CV.

IMPORTANT LINKS

To renew your SAIS Membership please visit: <https://saimmunology.org.za/membership.htm>

Any publications from the last 6 months that you would like to profile in SAIS Newsletter? We like to put member publications in our "SAIS Community Corner". Just a citation, copied and pasted from CV. Please send to Clement - clementgascua@yahoo.com and clementa@nicd.ac.za. Also, if you are recruiting/hiring, we are more than happy to advertise it in the newsletters and on Social Media platforms.

Kind regards

*Clement Adu-Gyamfi
Newsletter editor*