



SAIS NEWSLETTER JANUARY 11th, 2018

Dear SAIS members,

We hope you had a wonderful holiday season and welcome back!

This year as well, you will be receiving our weekly newsletter every week (this time on Fridays instead of Mondays). Please note that our first newsletter is longer than usual, as we have included many relevant announcements and publications that came out during December 2018.

FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

RSVWV 2019 - A Global Conference on Novel RSV Interventions - 12-14 November 2019 - Accra, Ghana
<https://lnkd.in/gFq-6UT>.

The Labroots International Infectious Disease 2019 Virtual Event - April 25, 2019 - Call for poster abstract submission

Call for posters: the deadline for electronic submission of your poster title, abstract and poster PDF is 5:00 pm PT, Friday, April 19, 2019. Please find more info here: <https://lnkd.in/dmui5XS>.

Predicting Response to Intravesical Immunotherapy with BCG - Webinar - January 16, 2019 - 09:00 AM PST
For registration and more details, please follow <https://lnkd.in/d2bKMGY>.

Overcoming the challenges of accuracy and detection in molecular assays - Webinar - January 22, 2019 - 07:00 AM PST

For registration and more details, please visit <https://lnkd.in/dAHyCPI>.

Save the date - 18 -21 July 2019 - Pathology Research and Development (PathRed) Congress - Enriching Health Through Research

Details will follow.

Clinical Application of CAR T Cells course - March 14-15, 2019 - Zuckerman Research Center, New York, USA
Register by January 31, 2019, for early rates. For more information or to submit an abstract, visit: <https://lnkd.in/ddeRZ6C>.

FOCIS European Advanced Course - Bridging basic and clinical immunology - May 19 - 21, 2019 - Florence, Italy
Please find more details here: https://lnkd.in/dQbC6_W.

FOCIS Asian Advanced Course in Basic and Clinical Immunology - March 26-29, 2019 - Jaipur, India
Deadline for abstract submission - January 15, 2019. Please find more details here: <https://lnkd.in/d9JY2Y9>.

FOCIS 2019 - Travel awards available! Submit your abstract by 23 January to apply for a travel award

Travel awards are available to FOCIS members who are chosen for oral abstract presentation at FOCIS 2019. The travel award is valued up to \$750. Please find more information here: <https://lnkd.in/dCBSMwP>.

A Clinical Perspective on Sexually Transmitted Infections: What is the State of Play - Webinar - January 24 - 10:00 AM PST

To register and for more details, please visit <https://lnkd.in/dJwSCKx>.

Pre-call announcement: Global Maternal and Neonatal Health funding call 2019

Open date: 16 Jan 2019; Closing date: 24 Apr 2019 16:00 GMT+1. Categories: Infections and Immunity, Molecular and Cellular Medicine, Population and Systems Medicine, Neurosciences and Mental Health, Global Health. For more information, please follow https://lnkd.in/dv_uprZ.

PUBLICATIONS and INTERESTING READS:

The silent epidemic killing more people than HIV, malaria or TB

<https://lnkd.in/dimXyv6>.

Ebola detectives race to identify hidden sources of infection as outbreak spreads - interesting read

<https://lnkd.in/dwp8GfJ>.

Vaccine-Induced Protection from Homologous Tier 2 SHIV Challenge in Nonhuman Primates Depends on Serum-Neutralizing Antibody Titers

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

Inference of the HIV-1 VRC01 Antibody Lineage Unmutated Common Ancestor Reveals Alternative Pathways to Overcome a Key Glycan Barrier

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

Global funding for tuberculosis research hits all-time high

<https://lnkd.in/gyrRu6z>.

Defective respiration and one-carbon metabolism contribute to impaired naïve T cell activation in aged mice

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

T Cell Media: A Comprehensive Guide to Key Components (by Cell Culture DISH)

<https://lnkd.in/ga-rv7E>.

Biologists turn eavesdropping viruses into bacterial assassins

<https://lnkd.in/djv5RiH>.

Finding the missing regulatory links of the innate immune system

<https://lnkd.in/dyzXXFq>. <https://lnkd.in/dgZACUb>.

Congenital Rubella Syndrome Surveillance in South Africa Using a Sentinel Site Approach: A Cross-sectional Study - open access

<https://lnkd.in/dfqH4bQ>.

Beyond pharma: The role of MedTech in antimicrobial resistance - interesting read

https://lnkd.in/d2_2WFJ.

The Genetic shortcut to antibody drugs

Insertion of genetic information can prompt the body to make antibody-based drugs, offering a fresh approach to treating diseases such as influenza, as well as infections like HIV. <https://www.nature.com/articles/d41586-018-07645-x>.



The 'Graying' of T Cells - scientists pinpoint metabolic pathway behind age-related immunity loss

<https://lnkd.in/ddRkgd3>.

Circadian Expression of Migratory Factors Establishes Lineage-Specific Signatures that Guide the Homing of Leukocyte Subsets to Tissues - open access

<https://lnkd.in/d9uDjyQ>.

Gut microbiome regulates the intestinal immune system

A new study in mice unveils the role of vitamin A in immune system regulation, a finding that could assist in developing treatments for autoimmune and inflammatory diseases as well as vitamin A deficiency.

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

Vaccine candidates for poor nations are going to waste

Promising immunizations for diseases that affect mostly people in low- and middle-income countries need help getting to market, urge David C. Kaslow and colleagues. Read it here: <https://lnkd.in/dqnKHUU>.

Questions Raised About Pertussis Reemergence - interesting read

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

Ultrasound Guided Intra-thymic Injection to Track Recent Thymic Emigrants and Investigate T Cell Development - new technique

This technique offers an efficient and accurate tool to track RTEs or perform intra-thymic transfer of various cell types to investigate their differentiation. <https://lnkd.in/dKPHGGT>.

A rapid and robust method for single cell chromatin accessibility profiling - open access

<https://lnkd.in/dTz7wcs>. By profiling over 3000 splenocytes, the authors identify distinct immune cell types and reveal cell type-specific regulatory regions and related transcription factors.

Severe Morbidity and Mortality Associated with Respiratory Syncytial Virus Versus Influenza Infection in Hospitalized Older Adults - open access

<https://lnkd.in/dfYN-i5>.

New mechanism on how immune cells sacrifice themselves to protect us from invading bacteria

<http://sciencemission.com/site/index.php?page=news&type=view&id=immunology%2Fnew-mechanism-on-how&filter=8%2C9%2C10%2C11%2C12%2C13%2C14%2C16%2C17%2C18%2C19%2C20%2C27>.

Immune cells track hard-to-target brain tumours

Clinical trials reveal that personalized vaccines can boost immune-cell responses to brain tumours that don't usually respond to immunotherapy. The findings also point to how to improve such treatments. <https://lnkd.in/dH4y-KT>.

Cell Size-Based Decision-Making of a Viral Gene Circuit - open access

<https://lnkd.in/d-pNx65>.

An agent-based, stochastic modeling seminar for the Ronin Institute - important seminar for biologists who want to model the systems they study using computers

<https://www.amberbiology.com/blog/2019/1/3/an-agent-based-stochastic-modeling-seminar-for-the-ronin-institute>.



JOBS and POSITIONS

The University of Veterinary Medicine Hannover offers 28 doctoral researcher positions in the newly established DFG Research Training Group 2485 - "Virus detection, pathogenesis and intervention (VIPER)" - Application deadline: **15 January 2019**

VIPER provides state-of-the-art research training on virus discovery, host range and transmission, virus-host cell interactions and pathogenesis, immune interference and intervention strategies. Students will develop key skills to tackle complex health issues caused by emerging and re-emerging viruses in an interdisciplinary setting. For application and to find out more about this opportunity, please follow <https://lnkd.in/duBY8CJ> und-phd-programme/dfg-rtg-2485-viper/.

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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