

## SAIS NEWSLETTER - SEPTEMBER 20<sup>th</sup>, 2019

Dear SAIS members,

Below, please find this week's newsletter.

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### FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

**Deciphering epigenetic regulation of the immune response in cancer (the role of epigenetics in tumour-specific T-cells) - Cell Signaling webinar - 25 September 6 p.m. Central Europe**

To

register: [https://view6.workcast.net/register?pak=6244108477254142&referrer=Sponsor&utm\\_campaign=2019-EPIGENETICS](https://view6.workcast.net/register?pak=6244108477254142&referrer=Sponsor&utm_campaign=2019-EPIGENETICS).

**What you always wanted to know about the p-value, but were afraid to ask – eLife webinar - October 9, 2019 - 4–5.30 pm BST**

In this free webinar, join Dr Ulrich Dirnagl as he discusses the scientific ritual of significance testing. <https://elifesciences.org/events/85a17ea9/what-you-always-wanted-to-know-about-the-p-value-but-were-afraid-to-ask>.

**The International Workshop on HIV Drug Resistance and Treatment Strategies (SAHIVCS) – 16-18 October - Misty Hills Country Hotel, Johannesburg, South Africa - last chance to register!**

<https://www.hivresistance2019.co.za/registration/>. **Registration closes on October 1.**

**“New Horizons in B Cell Biology” symposium - 13-15 January 2020 - Shanghai, China**

The symposium is hosted jointly by Cell Press, Institut Pasteur of Shanghai, Chinese Academy of Sciences (CAS), and the Fengxian District Government of Shanghai. **Abstract submission deadline - October 1.** For more details, please visit <http://nhbcb2020.csp.escience.cn/dct/page/65558>.

**Funding Opportunity: Master's Degree and Internship Program of African Business Education Initiative for Youth and Sustainable Development Goals - SDGs Global Leadership Programme - Study in Japan**

The closing date is **30 September 2019** (applications must have reached JICA). Please visit <http://education-japan.org/africa/index.html> and <http://www.internationalscholarships.dhet.gov.za/scholarships.html> for more details and application.

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### PUBLICATIONS and INTERESTING READS:

**Papillomavirus can be transmitted through the blood and produce infections in blood recipients: Evidence from two animal models**

<https://www.tandfonline.com/doi/full/10.1080/22221751.2019.1637072>.

**Detailed map gives scientists a new window into how human-infecting viruses work**

<https://systemsbiology.columbia.edu/news/detailed-map-gives-scientists-a-new-window-into-how-human-infecting-viruses-work>.

**Inhibition of IL-2 responsiveness by IL-6 is required for the generation of GC-TFH cells**

<https://immunology.sciencemag.org/content/4/39/eaaw7636>.

**Few people with peanut allergy tolerate peanut after stopping oral immunotherapy**

Continuing with a modest dose confers more protection, NIH-funded study finds. <https://www.niaid.nih.gov/news-events/few-people-peanut-allergy-tolerate-peanut-after-stopping-oral-immunotherapy>.

**B cells sustain inflammation and predict response to immune checkpoint blockade in human melanoma**

<https://www.nature.com/articles/s41467-019-12160-2>.

**A historical look at vaccine skepticism**

<https://scholarlykitchen.sspnet.org/2019/09/13/a-historical-look-at-vaccine-skepticism/?informz=1>.

**Early progression to active tuberculosis is a highly heritable trait driven by 3q23 in Peruvians**

<https://www.nature.com/articles/s41467-019-11664-1>.

**Evolutionary pathways to antibiotic resistance are dependent upon environmental structure and bacterial lifestyle**

<https://elifesciences.org/articles/47612>.

**Transgenic Aedes aegypti mosquitoes transfer genes into a natural population**

<https://www.nature.com/articles/s41598-019-49660-6>.

**Neutrophil extracellular traps initiate gallstone formation**

[https://www.cell.com/immunity/fulltext/S1074-7613\(19\)30318-8](https://www.cell.com/immunity/fulltext/S1074-7613(19)30318-8).

**Composition and structure of synaptic ectosomes exporting antigen receptor linked to functional CD40 ligand from helper T cells**

<https://elifesciences.org/articles/47528>.

**Enteropathogen antibody dynamics and force of infection among children in low-resource settings**

<https://elifesciences.org/articles/45594>.

**Immune correlates of the Thai RV144 HIV vaccine regimen in South Africa**

<https://stm.sciencemag.org/content/11/510/eaax1880>.

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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.

Kind regards

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