

## SAIS NEWSLETTER - OCTOBER 11<sup>th</sup>, 2019

Dear SAIS members,

Below, please find this week's newsletter.

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### FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

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

<http://nhbcb2020.csp.escience.cn/dct/page/1>. Extended deadline for abstract submission - 31 October 2019.

#### **Call for Applications: Takemi Program in International Health at the Harvard T.H. Chan School of Public Health**

Applications are due by December 31, 2019, at midnight EST. The application portal is available here: [https://harvard.az1.qualtrics.com/jfe/form/SV\\_9Aj6g0J9x54bDlr](https://harvard.az1.qualtrics.com/jfe/form/SV_9Aj6g0J9x54bDlr). For more details, please visit <https://www.hsph.harvard.edu/takemi/>.

#### **FOCIS Advanced Course in Basic & Clinical Immunology - March 1-4, 2020 - La Jolla, CA, USA**

Online registration is open through February 3, 2020. Please visit <http://www.focisnet.org/education/advanced-course-in-basic-clinical-immunology/> for more details.

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### PUBLICATIONS and INTERESTING READS:

#### **Immunologists identify T cell homing beacons for lungs**

[http://news.emory.edu/stories/2019/09/jem\\_kohlmeier\\_tcells\\_lungs/index.html](http://news.emory.edu/stories/2019/09/jem_kohlmeier_tcells_lungs/index.html).

#### **Skin patterning in psoriasis by spatial interactions between pathogenic cytokines**

[https://www.cell.com/journal/iscience/fulltext/S2589-0042\(19\)30387-6](https://www.cell.com/journal/iscience/fulltext/S2589-0042(19)30387-6).

#### **This microbe is spreading antibiotic resistance to other bacteria**

<https://theconversation.com/this-microbe-is-spreading-antibiotic-resistance-to-other-bacteria-124506>.

#### **T cell-derived soluble glycoprotein GPIb $\alpha$ mediates PGE<sub>2</sub> production in human monocytes activated with the vaccine adjuvant MDP**

<https://stke.sciencemag.org/content/12/602/eaat6023>.

#### **From sleeping cell to assassin – how immune cells work**

<https://www.dundee.ac.uk/news/2019/from-sleeping-cell-to-assassin--how-immune-cells-work.php>.

#### **Exclusive: Battle to wipe out debilitating Guinea worm parasite hits 10 year delay**

Disappointment as World Health Organization pushes back target date for eradication to 2030. <https://www.nature.com/articles/d41586-019-02921-w?sf220460417=1>.

#### **Malaria mosquitoes go with the flow (interesting read)**

<https://www.nature.com/articles/d41586-019-02880-2>.

#### **Temple researchers map key signalling pathways linking calcium entry and exit in activated T cells**

Finding sheds light on fundamental mechanisms controlling immune responses. <https://www.templehealth.org/about/news/temple-researchers-map-key-signaling-pathways-linking-calcium-entry-and-exit-in-activated-t-cells>.

**Innovative pancreatic cancer treatment may rev up immune system**

<https://www.urmc.rochester.edu/news/story/5581/study-innovative-pancreatic-cancer-treatment-may-rev-up-immune-system.aspx>. [https://www.cell.com/cell-reports/fulltext/S2211-1247\(19\)31157-X](https://www.cell.com/cell-reports/fulltext/S2211-1247(19)31157-X).

**Epistasis and entrenchment of drug resistance in HIV-1 subtype B**

<https://elifesciences.org/articles/50524>.

**First cell map of developing human liver reveals how blood and immune systems develop**

Resource improves understanding of normal development and will support efforts to tackle diseases, such as leukaemia, that can form during early life. <https://www.sanger.ac.uk/news/view/first-cell-map-developing-human-liver-reveals-how-blood-and-immune-systems-develop>.

**Tuberculosis: New insights into the pathogen**

<https://www.uni-wuerzburg.de/en/news-and-events/news/detail/news/tuberculosis-new-insights-into-the-pathogen/>.

**Viral N6-methyladenosine upregulates replication and pathogenesis of human respiratory syncytial virus**

<https://www.nature.com/articles/s41467-019-12504-y>.

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**JOBS and POSITIONS**

**Postdoctoral Training Opportunity in Medical & Health Sciences**

The Africa Postdoctoral Training Initiative (APTI) provides fellowships to African researchers to spend two years at the U.S. National Institutes of Health (NIH) for professional training and to conduct research in priority areas. APTI is a postdoctoral programme through the partnership of the African Academy of Sciences (AAS), NIH and the Bill and Melinda Gates Foundation (BMGF). Application deadline: December 1, 2019, 1700hrs EAT. The research priority areas are in infectious diseases, nutrition, and reproductive, maternal, and child health and developing skills for clinical and translational research. Research on other significant burdens of disease in Africa will also be considered. More information available:

AAS - <http://www.aasciences.ac.ke/about/about-us/about-the-aas/>;

BMGF - <https://www.gatesfoundation.org/What-We-Do>;

NIH - <https://irp.nih.gov/our-research/scientific-focus-areas>.

Please visit <https://aasishango.ccgranttracker.com/Login.aspx?ReturnUrl=%2f> to access the call.

**Master of Science in Medicine in the field of Vaccinology (MSc(Med)- vaccinology) course January 2020 - Call for applications**

Applications open for South African and South Africa-based students until 31st October 2019. Please find more details here: <http://www.wits-alive.ac.za/MSc-Med-Vaccinology>.

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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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