

## SAIS NEWSLETTER - SEPTEMBER 6<sup>th</sup>, 2019

Dear SAIS members,

Below, please find this week's newsletter.

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### FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

**Next Generation Sequencing of the Immune System: From Single Cell to Bulk RNA - Labroots webinar - September 10 - 08:00 AM PDT**

To sign up - <https://www.labroots.com/webinar/generation-sequencing-immune-system-single-cell-bulk-rna>.

**Immunometabolism in Health and Disease - Basic and Translational Cellular Metabolism in Immunity - June 21-26, 2020 - Bryant University, Smithfield, RI - US**

To find out more details, please visit <https://www.grc.org/immunometabolism-in-health-and-disease-conference/2020/>.

**Neuro-Immune Interactions in Neurodegenerative Disorders - Cell Press webinar - October 1 - 1-2 pm ET**

The neuro-centric view of neurodegenerative disorders has been increasingly replaced with a more nuanced perspective, considering the appreciated roles for immune cells and inflammation both as potential drivers of and/or protectors from pathology and behavioural deficits. To register, please go to <https://www.workcast.com/register?cpak=3485472578102646>.

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### PUBLICATIONS and INTERESTING READS:

**UC San Diego Health performs first HIV-to-HIV kidney transplant in region**

Procedure is part of an unprecedented multi-site national clinical trial. <https://ucsdnews.ucsd.edu/pressrelease/uc-san-diego-health-performs-first-hiv-to-hiv-kidney-transplant-in-region>.

**Association between alcohol use and inflammatory biomarkers over time among younger adults with HIV - The Russia ARCH Observational Study (open access)**

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0219710>.

**Dietary intake regulates the circulating inflammatory monocyte pool (open access)**

[https://www.cell.com/cell/fulltext/S0092-8674\(19\)30850-5](https://www.cell.com/cell/fulltext/S0092-8674(19)30850-5).

**Hydrogen peroxide release by bacteria suppresses inflammasome-dependent innate immunity (open access)**

<https://www.nature.com/articles/s41467-019-11169-x>.

**OmpK36-mediated Carbapenem resistance attenuates ST258 Klebsiella pneumoniae *in vivo* (open access)**

<https://www.nature.com/articles/s41467-019-11756-y>;

<https://www.imperial.ac.uk/news/192706/researchers-reveal-bacteria-behind-hospital-infections/>.

**A molecular signature in blood reveals a role for p53 in regulating malaria-induced inflammation (open access)**

[https://www.cell.com/immunity/fulltext/S1074-7613\(19\)30335-8](https://www.cell.com/immunity/fulltext/S1074-7613(19)30335-8).

**Europe had 90,000 measles cases in first half of 2019**

The number of measles cases this year is already more than all of the cases reported in 2018. <https://www.the-scientist.com/news-opinion/europe-had-90-000-measles-cases-in-first-half-of-2019-66376>.

**Non-classical tissue monocytes and two functionally distinct populations of interstitial macrophages populate the mouse lung (open access)**

<https://www.nature.com/articles/s41467-019-11843-0>.

**New York City declares end to largest measles outbreak in nearly 30 years**

<https://www.washingtonpost.com/health/2019/09/03/new-york-city-declares-end-largest-measles-outbreak-nearly-years/?noredirect=on>.

**Interferon lambda 4 impacts the genetic diversity of hepatitis C virus (open access)**

<https://elifesciences.org/articles/42463>.

**Host-pathogen interactions: what makes the hepatitis C virus evolve? (open access)**

<https://elifesciences.org/articles/50148>.

**Genome mining reveals novel production pathway for promising malaria treatment**

<https://www.igb.illinois.edu/article/genome-mining-reveals-novel-production-pathway-promising-malaria-treatment>.

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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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