

SAIS NEWSLETTER – JUNE 12TH, 2020

Dear SAIS members

Please find this week's newsletter below. The next newsletter will be sent out on Friday, 19 June 2020.

FUNDING CALLS, CONFERENCES, WEBINARS and ANNOUNCEMENTS

WEBINAR: The Continuing Struggle: Exploring and Preventing Cell Culture Contamination, 15 July 2020, 8:00 AM PDT

For more information and to register, please visit: <https://www.labroots.com/webinar/continuing-struggle-exploring-preventing-cell-culture-contamination>

WEBINAR: Understanding infection and immunity of SARS-CoV-2: from diagnostics to therapies for COVID-19, 15 June 2020, 11:00 CEST.

Lisa Ng from A*STAR's Singapore Immunology Network outlines different detection methods for SARS-CoV-2, considerations in their development, and how the results will help to shed light on the epidemiology of COVID-19. For more information and to register, please visit: <https://iuis.clickmeeting.com/from-diagnostics-to-therapies-for-covid-19/register>

PUBLICATIONS and INTERESTING READS:

The Lung Macrophage in SARS-CoV-2 Infection: A Friend or a Foe?

<https://www.frontiersin.org/articles/10.3389/fimmu.2020.01312/full>

Inhibition of Bruton tyrosine kinase in patients with severe COVID-19

<https://immunology.sciencemag.org/content/5/48/eabd0110>

This cow's antibodies could be the newest weapon against COVID-19

<https://www.sciencemag.org/news/2020/06/cow-s-antibodies-could-be-newest-weapon-against-covid-19>

Analysis of a SARS-CoV-2 infected individual reveals development of potent neutralizing antibodies to distinct epitopes with limited somatic mutation

[https://www.cell.com/immunity/fulltext/S1074-7613\(20\)30231-4](https://www.cell.com/immunity/fulltext/S1074-7613(20)30231-4)

Systemic lupus erythematosus favors the generation of IL-17 producing double negative T cells

<https://www.nature.com/articles/s41467-020-16636-4>

Coronapod: The heavy toll on people of colour

The coronavirus is killing a disproportionate number of people of colour. As systemic injustices are brought to the fore across the world, what can be done to address the virus's unequal burden?

<https://www.nature.com/articles/d41586-020-01698-7>

Identification of a super-functional Tfh-like subpopulation in murine lupus by pattern perception

<https://elifesciences.org/articles/53226>

Formin-like 1 mediates effector T cell trafficking to inflammatory sites to enable T cell-mediated autoimmunity

<https://elifesciences.org/articles/58046>

A Global Immunological Observatory to meet a time of pandemics

<https://elifesciences.org/articles/58989>

Dissecting antibody-mediated protection against SARS-CoV-2

<https://www.nature.com/articles/s41577-020-0359-5>

Does IgE sialylation hold the key to allergy?

<https://www.nature.com/articles/s41577-020-0364-8>

Link to research article: <https://www.nature.com/articles/s41586-020-2311-z>

Cytokine Release Syndrome (CRS) and Nicotine in COVID-19 Patients: Trying to Calm the Storm

<https://www.frontiersin.org/articles/10.3389/fimmu.2020.01359/full>

Relationship between Anti-Spike Protein Antibody Titers and SARS-CoV-2 In Vitro Virus Neutralization in Convalescent Plasma

<https://www.biorxiv.org/content/10.1101/2020.06.08.138990v1>

Elevated CXCL10 serum levels in Measles virus primary infection and reinfection correlate with the serological stage and hospitalization status

[https://academic.oup.com/jid/advance-article-](https://academic.oup.com/jid/advance-article-abstract/doi/10.1093/infdis/jiaa326/5854989?redirectedFrom=fulltext)

[abstract/doi/10.1093/infdis/jiaa326/5854989?redirectedFrom=fulltext](https://academic.oup.com/jid/advance-article-abstract/doi/10.1093/infdis/jiaa326/5854989?redirectedFrom=fulltext)

Expression of SARS-CoV-2 Receptor ACE2 and Coincident Host Response Signature Varies by Asthma Inflammatory Phenotype

[https://www.jacionline.org/article/S0091-6749\(20\)30828-9/abstract](https://www.jacionline.org/article/S0091-6749(20)30828-9/abstract)

COVID-19 in Africa: the spread and response

<https://www.nature.com/articles/s41591-020-0961-x>

Why do children avoid the worst coronavirus symptoms? The answer might lie in their arteries

Evidence is mounting that healthy blood vessels protect children from serious complications of COVID-19, such as stroke.

<https://www.nature.com/articles/d41586-020-01692-z>

JOBS and POSITIONS:

APPLICATIONS FOR MSC DEGREE OPPORTUNITY - South Africa-Pittsburgh Public Health Genomic Epidemiology Research Training Program (SAPPHGenE), National Institute for Communicable Diseases (NICD), Johannesburg, South Africa, University of Pittsburgh, Pittsburgh, USA

Application deadline: **15 June 2020**

For more information, please visit:

https://irec.wits.ac.za/OA_HTML/OA.jsp?page=/oracle/apps/irc/candidateSelfService/webui/VisVacDispPG&OAH=IRC_EXT_SITE_VISITOR_APPL&OASF=IRC_VIS_VAC_DISPLAY&p_svid=82741&p_spid=4143991



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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