

Employment

Research Fellow

Biochemistry & Molecular Biology

MONASH UNIVERSITY

24 Nov 2015 → present

Research output

A chemical biology toolbox to study protein methyltransferases and epigenetic signaling

Scheer, S., Ackloo, S., Medina, T. S., Schapira, M., Li, F., Ward, J. A., Lewis, A. M., Northrop, J. P., Richardson, P. L., Kaniskan, H. Ü., Shen, Y., Liu, J., Smil, D., McLeod, D., Zepeda-Velazquez, C. A., Luo, M., Jin, J., Barsyte-Lovejoy, D., Huber, K. V. M., De Carvalho, D. D. & 4 others Vedadi, M., Zaph, C., Brown, P. J. & Arrowsmith, C. H., 3 Jan 2019, In : Nature Communications. 10, 1, 14 p., 19.

Loss of vascular CD34 results in increased sensitivity to lung injury

Lo, B. C., Gold, M. J., Scheer, S., Hughes, M. R., Cait, J., Debruin, E., Chu, F. S. F., Walker, D. C., Soliman, H., Rossi, F. M., Blanchet, M. R., Perona-Wright, G., Zaph, C. & McNagny, K. M., 1 Dec 2017, In : American Journal of Respiratory Cell and Molecular Biology. 57, 6, p. 651-661 11 p.

The transcriptional repressor HIC1 regulates intestinal immune homeostasis

Burrows, K., Antignano, F., Bramhall, M., Chenery, A., Scheer, S., Korinek, V., Underhill, T. M. & Zaph, C., 1 Nov 2017, In : Mucosal Immunology. 10, 6, p. 1518-1528 11 p.

The lysine methyltransferase G9a in immune cell differentiation and function

Scheer, S. & Zaph, C., 11 Apr 2017, In : Frontiers in Immunology. 8, 11 p., 429.

Early-life antibiotic treatment enhances the pathogenicity of CD4⁺ T cells during intestinal inflammation

Scheer, S., Medina, T. S., Murison, A., Taves, M. D., Antignano, F., Chenery, A. L., Soma, K. K., Perona-Wright, G., Lupien, M., Arrowsmith, C. H., Carvalho, D. R. & Zaph, C., 1 Apr 2017, In : Journal of leukocyte biology. 101, 4, p. 893-900 8 p.

Low-dose intestinal *Trichuris muris* infection alters the lung immune microenvironment and can suppress allergic airway inflammation

Chenery, A. L., Antignano, F., Burrows, K., Scheer, S., Perona-Wright, G. & Zaph, C., Feb 2016, In : Infection and Immunity. 84, 2, p. 491-501 11 p.

S. Mansoni bolsters anti-viral immunity in the murine respiratory tract

Scheer, S., Krempf, C., Kallfass, C., Frey, S., Jakob, T., Mouahid, G., Mone, H., Schmitt-Gräff, A., Staeheli, P. & Lamers, M. C., 14 Nov 2014, In : PLoS ONE. 9, 11, 15 p., e112469.

A novel tool to identify the relative contribution of lymphoid cell types that contribute to IL-10 production during the infection with *Schistosoma mansoni*: The TIGER index

Scheer, S., Gross, S., Mouahid, G., Moné, H. & Lamers, M. C., Apr 2014, In : Journal of Immunological Methods. 406, p. 66-73 8 p.

New methods for selective isolation of bacterial DNA from human clinical specimens

Horz, H. P., Scheer, S., Vianna, M. E. & Conrads, G., Feb 2010, In : Anaerobe. 16, 1, p. 47-53 7 p.

Affinity maturation generates greatly improved xyloglucan-specific carbohydrate binding modules

Von Schantz, L., Gullfot, F., Scheer, S., Filonova, L., Cicortas Gunnarsson, L., Flint, J. E., Daniel, G., Nordberg-Karlsson, E., Brumer, H. & Ohlin, M., 31 Oct 2009, In : BMC Biotechnology. 9, 92.

Selective isolation of bacterial DNA from human clinical specimens

Horz, H. P., Scheer, S., Huenger, F., Vianna, M. E. & Conrads, G., Jan 2008, In : Journal of Microbiological Methods. 72, 1, p. 98-102 5 p.

