

Pathways controlling functions of innate and innate-like immune cells

日時: **2019年10月4日(金)**

17:00~18:30

場所: **研究棟B棟2階 第2講堂**

Prof. André Veillette

Research Unit Director,
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Dr. Veillette is interested in elucidating the pathways that control immune cell functions in health and diseases.

He will discuss recent data implicating the SLAM family of receptors in the functioning of macrophages and iNKT cells.

References:

1. Chen, J., Zhong, M.-C., Guo, H., Davidson, D., Mishel, S., Lu, Y., Rhee, I., Pérez-Quintero, L.-A., Zhang, S., Cruz-Munoz, M.E., Wu, N., Vinh, D.C., Sinha, M., Calderon, V., Lowell, C.A., Danska, J.S. and **Veillette, A.** SLAMF7 is critical for phagocytosis of haematopoietic tumour cells via Mac-1 integrin. *Nature*. 2017 Apr 27;544(7651):493-497.
2. Lu, Y., Zhong, M.C., Qian, J., Calderon, V., Tleugabulova, M.C., Mallevaey, T., **Veillette, A.** SLAM receptors foster iNKT cell development by reducing TCR signal strength after positive selection. *Nature Immunology*. 2019 Apr;20(4):447-457.
3. **Veillette, A.** and Chen, J. SIRP α -CD47 Immune Checkpoint Blockade in Anticancer Therapy. *Trends Immunol*. 2018 Mar;39(3):173-184.

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【主催】シグナル伝達医学研究展開センター

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