

Graduate Schools  
Infection Immunity and Cancer, UniGe & UniL: CUS  
Biology & Medicine, CMU

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## Seminar in Microbiology

Monday, November 30, 2015

Salle E07.3347.a, CMU

**11:30 – 12:30**

**Fabio MARTINON**

Lausanne University and Center of Infection and Immunity  
Department of Biochemistry



## Stress pathways that promote inflammation

Fabio Martinon received his PhD in 2003 from the University of Lausanne for his work on the characterization of the Inflammasome in the laboratory of Jürg Tschopp. After a short post-doctoral fellowship in Jürg Tschopp's laboratory, he moved in 2006 to the laboratory of Laurie Glimcher at the Harvard School of Public Health, where he investigated the link between inflammatory programs and the endoplasmic reticulum stress response. In 2010 he joined the Department of Biochemistry (UNIL) as Assistant Professor. His current research focuses on the characterization of signaling pathways that regulate stress responses and inflammation.

Adam L, Rosenbaum P, Cosma A, Le Grand R, **Martinon F.**, Identification of skin immune cells in non-human primates. *J Immunol Methods*. 2015 Jul 26. pii: S0022-1759(15)30026-0.

**Martinon F**, Aksentijevich I. New players driving inflammation in monogenic autoinflammatory diseases. *Nat Rev Rheumatol*. 2015 Jan;11(1):11-20.

Epaulard et al., Macrophage- and neutrophil-derived TNF- $\alpha$  instructs skin langerhans cells to prime antiviral immune responses. *J Immunol*. 2014 Sep 1;193(5):2416-26.

**Martinon F.** The endoplasmic reticulum: a sensor of cellular stress that modulates immune responses. *Microbes Infect*. 2012 Nov;14(14):1293-300

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