



**FASEB**

Federation of American Societies  
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## The Calcium and Cell Function Conference

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### **Organizer Bio: Nicolas Demaurex, MD, PhD**

*Professor of Physiology and Vice Dean, University of Geneva Medical Faculty, University of Geneva, Switzerland*

Nicolas Demaurex is a physiologist interested in the mechanisms controlling the calcium signals that regulate the functions of phagocytic white blood cells. Demaurex obtained his MD in Medicine and PhD in Cell biology from University of Geneva. Currently, he is a full professor in the department of Cell Physiology and Metabolism. His research focuses on the mechanisms controlling the calcium and pH homeostasis of innate immune cells. Dr. Demaurex's work has established the significance of STIM-ORAI interactions occurring at membrane contact sites between the endoplasmic reticulum and phagocytic vacuoles in neutrophils and dendritic cells.