



SIGNALING AT MEMBRANE CONTACT SITES DURING PHAGOCYTOSIS

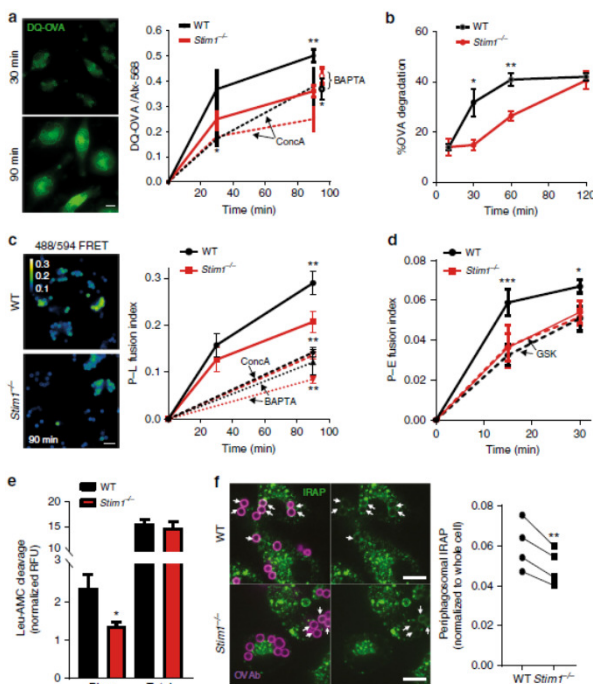
GUEST LECTURE by



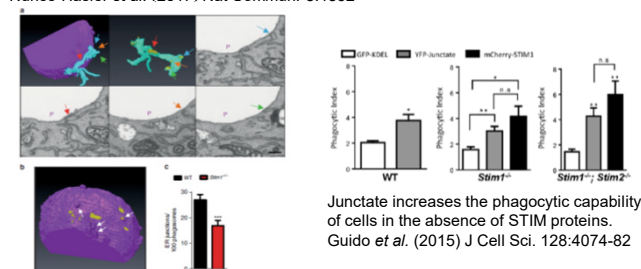
Prof. Nicolas Demaures, MD PhD
Department of Cellular Physiology and
Metabolism, University of Geneva, Switzerland

Monday, 11.02.2019
10:00

MC1.F.05.016 (SR Pathology 01, MED Campus,
Neue Stiftingtalstrasse 6, tract F, 5th floor), MUG

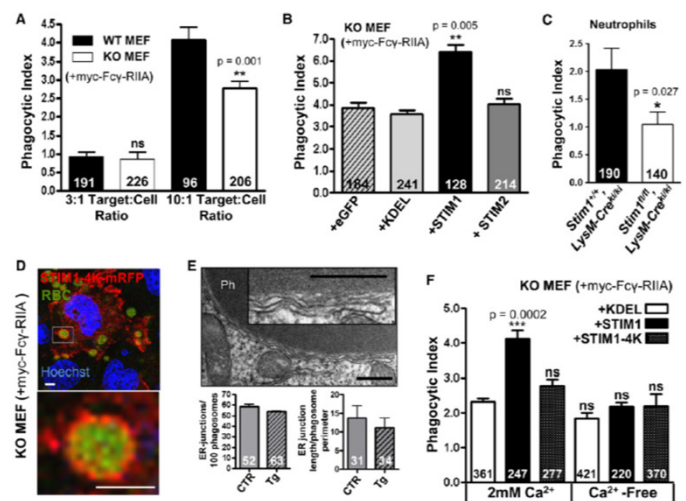


STIM1 promotes phagosomal proteolysis and endomembrane fusion.
Nunes-Hasler *et al.* (2017) Nat Commun. 8:1852

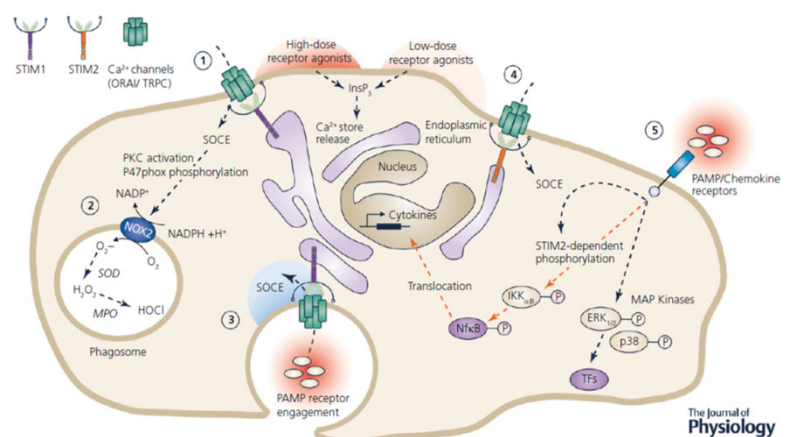


Junctate increases the phagocytic capability of cells in the absence of STIM proteins.
Guido *et al.* (2015) J Cell Sci. 128:4074-82

STIM1 promotes ER-phagosome membrane contact sites. Nunes-Hasler *et al.* (2017) Nat Commun. 8:1852



STIM1-mediated SOCE channel activation is required for high-level phagocytosis.
Nunes *et al.* (2012) Curr Biol. 22:1990-7



Established and suggested STIM1- and STIM2-regulated neutrophil functions.
Demaures & Saul (2018) J Physiol. 596(14):2699-708