



COORDINATION OF Ca²⁺ ENTRY AND CLEARANCE IN T CELL ACTIVATION

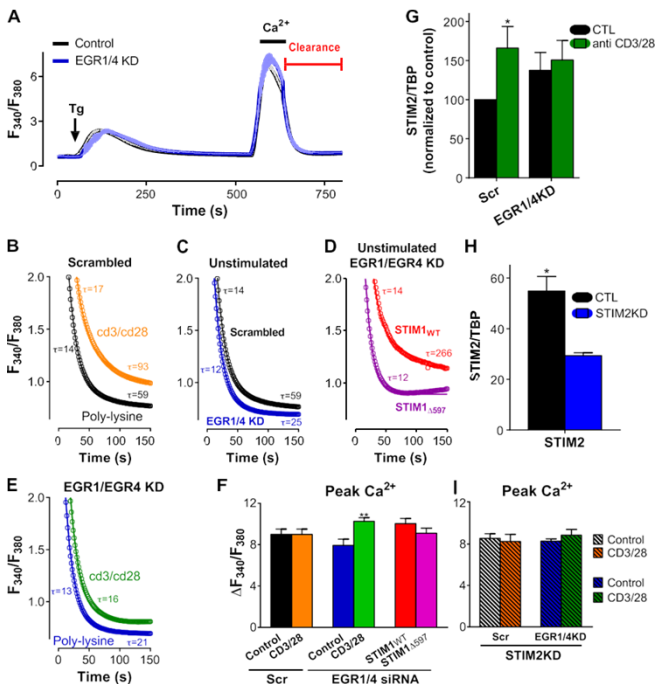
GUEST LECTURE by



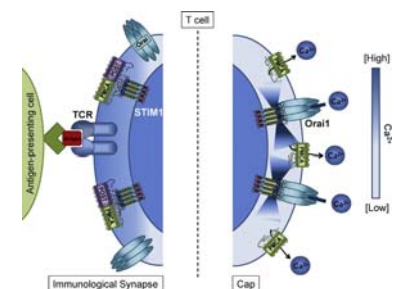
Prof. Jonathan Soboloff, PhD
Fels Institute for Cancer Research and Molecular Biochemistry, Lewis Katz School of Medicine, Temple University, Philadelphia, USA

Friday, 05.07.2019, 11:00

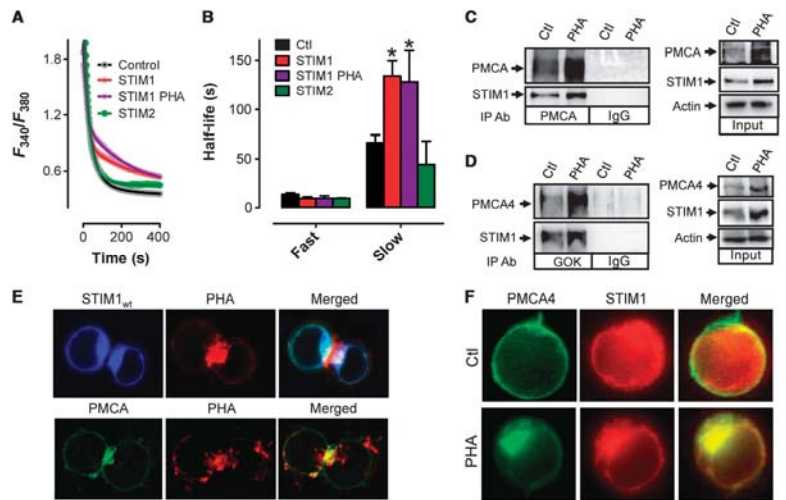
MC1.G.01.005 (SR 01 – Applied Biomedicine; MED Campus, tract G, 1st floor), MUG



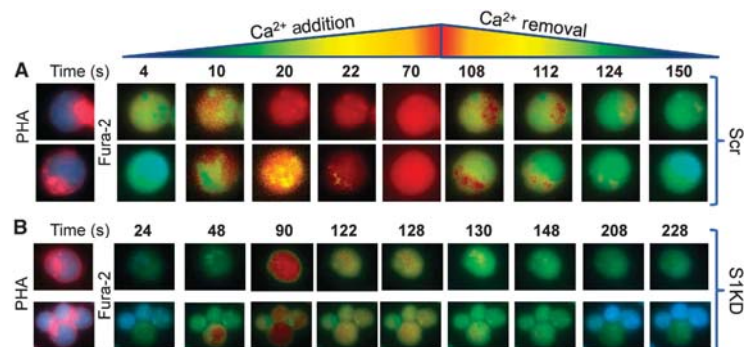
EGR1/4 knockdown (KD) reduced activation-dependent inhibition of Ca²⁺ clearance.
Samakai *et al.* (2016) FASEB J 30:3878-86



Proposed model for coordination of Ca²⁺ signals in activated T cells.
Samakai *et al.* (2013) Int J Biochem Cell Biol 45:2491-5



STIM1 inhibits PMCA function via physical interaction at the IS.
Ritchie *et al.* (2012) EMBO J 31:1123-33



STIM1 and PMCA reorganize to the IS and regulate local Ca²⁺ signals.
Ritchie *et al.* (2012) EMBO J 31:1123-33