



MECHANISMS OF NUTRIENT SIGNALING: CROSSTALK BETWEEN LIPIDS AND OXYGEN

GUEST LECTURE by



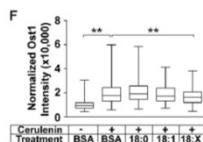
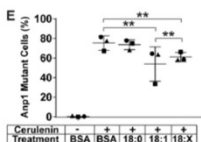
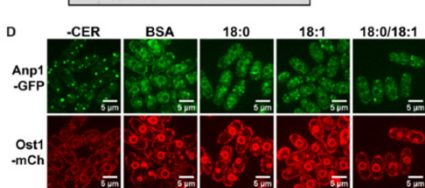
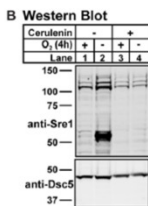
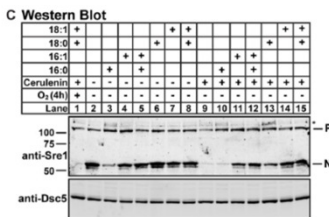
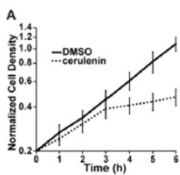
Prof. Peter J. Espenshade, PhD

Department of Cell Biology, Center for Metabolism and Obesity Research, Johns Hopkins School of Medicine, Baltimore, USA

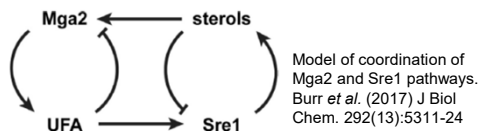
Wednesday, 27.03.2019

17:00

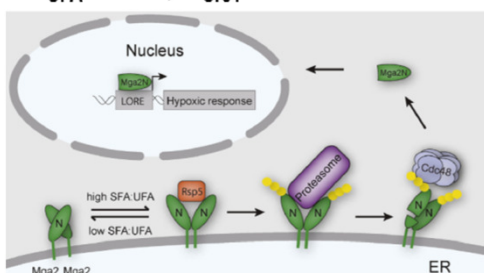
17:00, MC1.G.01.005 (Seminar room 01 - Applied Biomedicine; MED Campus, tract G, 1st floor), MUG



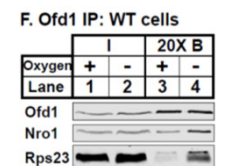
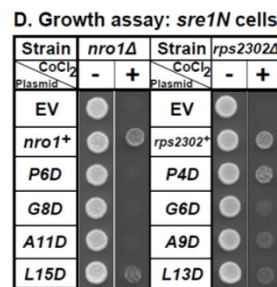
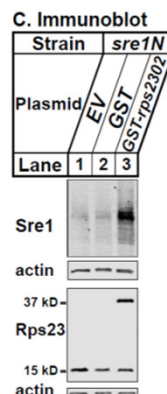
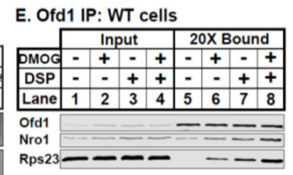
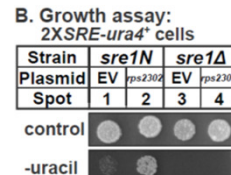
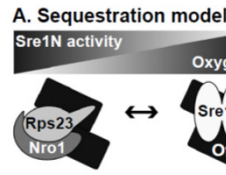
Disrupting fatty acid homeostasis blocks general membrane transport and Sre1 cleavage. Burr *et al.* (2017) J Biol Chem. 292(13):5311-24



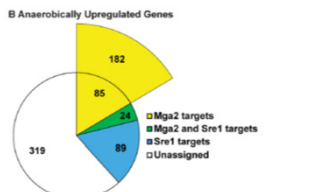
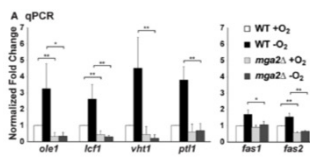
Model of coordination of Mga2 and Sre1 pathways. Burr *et al.* (2017) J Biol Chem. 292(13):5311-24



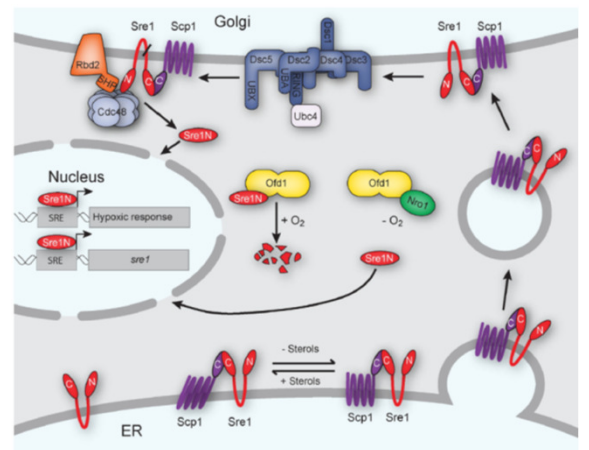
Mga2 cleavage activation pathway. Burr & Espenshade (2018) Sem Cell Dev Biol. 81:110-20



Ofd1-Rps23-Nro1 complex sequesters Ofd1 under hypoxia to activate Sre1N. Clasen *et al.* (2017) eLife. 6:e28563



Mga2 controls low oxygen gene expression. Burr *et al.* (2016) J Biol Chem. 291(23):12171-83



Sre1 cleavage activation pathway. Burr & Espenshade (2018) Sem Cell Dev Biol. 81:110-20