

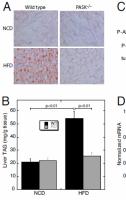
METABOLISM AND CELLULAR DECISIONS: ENTWINED IN HEALTH AND DISEASE

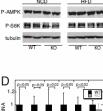
GUEST LECTURE by

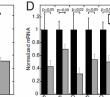


Prof. Jared Rutter, PhD Department of Biochemistry, University of Utah, Salt Lake City, USA Monday, 30.06.2014 13:00

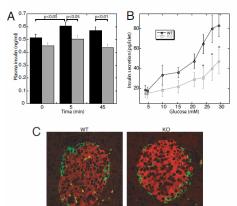
SR 44.22, ZMB-Centre of Molecular Biosciences, Humboldtstrasse 48, 2nd floor, KFUG



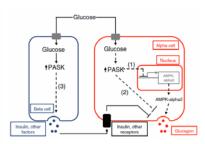




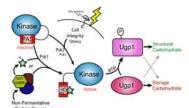
Reduced triglyceride accumulation in PASK -/- livers on high fat diet. Hao et al. (2007) PNAS 104(39): 15466-71



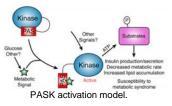
Impaired insulin secretion but normal islet morphology in PASK -/- mice. Hao et al. (2007) PNAS 104(39): 15466-71



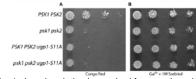
Proposed mechanism für PASK action in alpha cells. Da Silva Xavier et al. (2011) Diabetologia 54:819-27



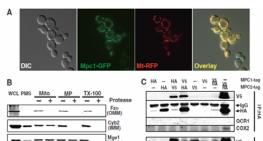
Yeast PAS kinase regulation and function.



The role of PAS kinase in regulating energy metabolism. Hao & Rutter (2008) IUBMB Life 60(4):1204-9

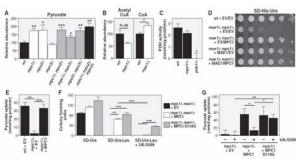


S11-Ugp1 phosphorylation is required for growth under cell integrity stress conditions. Smith & Rutter (2007) Molecular Cell 26: 491-499



HA (MPC2
V5 (MPC1)

Mpc1 and Mpc2 are evolutionary conserved mitochondrial innermembrane proteins. Bricker et al. (2012) Science 337:96-100



MPC1 is required for mitochondrial pyruvate uptake. Bricker et al. (2012) Science 337:96-100