

Peer Reviewed Papers

1. B. Chawla, A C. Hedman, H H. Erdemir, **S. Sayedyahossein**, Z. Li, D B. Sacks. Absence of IQGAP1 leads to insulin resistance. *JBC*. 2017 January 12. doi: 10.1074/jbc.M116.752642
2. S. Choi, A C. Hedman, **S. Sayedyahossein**, N. Thapa, D B. Sacks and R A. Anderson. Agonist-stimulated PI 3,4,5 P₃ generation by scaffolded phosphoinositide kinases. *Nature Cell Biology*, 2016.doi:10.1038/ncb3441. [This paper was contracted a News and Views commentary by *Nature Cell Biology* editors: *Nat Cell Biol.* 2016 Nov 29;18(12):1263-1265. doi: 10.1038/ncb3440
3. **S. Sayedyahossein**, Z. Li, A C. Hedman, C. Morgan and D B. Sacks. IQGAP1 modulates YAP transcriptional activity. *JBC*, 2016 Jul 20. doi: 10.1074/jbc.M116.732529
4. **S. Sayedyahossein**, A. Rudkouskaya, V. Leclerc and L. Dagnino. Integrin-linked kinase is indispensable for keratinocyte differentiation and epidermal barrier function, *J Invest Dermatol*, 2016 Feb;136(2):425-435. doi:10.1016/j.jid.2015.10.056
5. **S. Sayedyahossein**, S. X. Xu, A. Rudkouskaya, M. J. McGavin, J. K. McCormick and L. Dagnino. Staphylococcus Aureus Keratinocyte Invasion is mediated by Integrin-Linked-Kinase and Rac1, *FASEB Journal*, 2015 Feb; 29(2):711-23.
6. L. Vi, S. Boo, **S. Sayedyahossein**, R. Singh, S. McLean; G. Di Guglielmo and L. Dagnino. Modulation of type II TGF- β receptor degradation by integrin-linked kinase. *J Invest Dermatol*. 2015 Mar;135(3):885-94.
7. **S. Sayedyahossein**, L. Nini, TS. Irvine, and L. Dagnino. Essential role of integrin-linked kinase in regulation of phagocytosis in keratinocytes. *FASEB Journal* 2012; 26(10): 4218-4229.
8. V. Frodermann, TA. Chau, **S. Sayedyahossein**, JM. Toth, DE. Heinrichs, J. Madrenas. A Modulatory Interleukin-10 Response to Staphylococcal Peptidoglycan Prevents Th1/Th17 Adaptive Immunity to Staphylococcus aureus. *J Infect Dis.* 2011; 204(2): 253-262.
9. M.H. Emami, **S. Sayedyahossein**. A. Aslani. Safety and Efficacy of New Glyceryl Trinitrate Suppository Formula: First Placebo Controlled Clinical Trial. *Disease of the Colon & Rectum* 2008; 51 (7): 1079-1083.

Manuscripts in Preparation

1. **Samar Sayedyahosseini**, Andrew C. Hedman, David B. Sacks. Insulin suppresses YAP transcriptional activity. Submitted to *JBC*, in revision.

Invited Reviews

2. **S. Sayedyahosseini** and L. Dagnino. Role of Integrins and their associated proteins in phagocytosis. *Int. Rev. in Cell. Mol. Biol.* 2013; 302:321-354.
3. M.H. Emami, **S. Sayedyahosseini**. Chronic Anal Fissure: New Approaches to Chemical Sphincterotomy. *JRMS* 2008; 13(3): 149-155.
4. AH. Zargarzadeh, **S. Sayedyahosseini**. Evidence Based Medicine: Current Challenges and Views. *Isfahan Journal of Medical Society* 2004; 8(17): 24-26.
5. **S. Sayedyahosseini**. How to Write a Scientific Article. *JRMS* 2001; 6(2): 158-160.