Publications

Recent Publications

Chan PM and Manser E. (2012)
PAKs in Human Disease
Prog Mol Biol Transl Sci. 2012;106:171-87

Lin PC, Chan PM, Hall C, Manser E. (2011)
CRMPs are a new class of MAP that selectively interact with assembled microtubules via a taxol-sensitive binding interaction.
J Biol Chem. 2011 Sep 27. [Epub ahead of print]

Prieto-Echagüe V, Chan PM, Craddock BP, Manser E, Miller WT. (2011)
PTB Domain-Directed Substrate Targeting in a Tyrosine Kinase from the Unicellular Choanoflagellate Monosiga brevicollis.
PLoS One. 2011 Apr 26;6(4):e19296.

Sit ST, Manser E. (2011)
Rho GTPases and their role in organizing the actin cytoskeleton.
J Cell Sci. 2011 Mar 1;124(Pt 5):679-83.

Chan PM (2011)
Differential signaling of Flt3 activating mutations in acute myeloid leukemia: a working mode.
Protein Cell. 2011 Feb;2(2):108-15. Epub 2011 Feb 25. Review

Chan W, Sit ST, Manser E. (2011)
The Cdc42-associated kinase ACK1 is not auto-inhibited but requires Src for activation.
Biochem J. Feb 2011

Chan PM, Ng YW and Manser E. (2010)
A robust protocol to map binding sites of the 14-3-3 interactome: Cdc25C requires phosphorylation of both S216 and S263 to bind 14-3-3.
Mol Cell Proteomics. 2010 Dec 28. [Epub ahead of print]

Ang SF, Zhao ZS, Lim L and Manser E (2010)
DAAM1 is a formin required for centrosome re-orientation during cell migration.
PLoS One. 2010 Sep 29;5(9). pii: e13064.

Zhao ZS and Manser E (2010)

Do PAKs make good drug targets?
F1000 Biology Report Published 23 Sep 2010

Ng YW, Raghunathan D, Chan PM, Baskaran Y, Smith DJ, Lee CH, Verma C, Manser E.
Why an A-loop phospho-mimetic fails to activate PAK1: understanding an inaccessible kinase state by molecular dynamics simulations.
*Struct.*18(7):879-90.