

Publications:

1. Yang X, Hegde S, Shroder DY, Smith AA, Promnares K, Neelakanta G, Anderson JF, Fikrig E & Pal U. "The lipoprotein La7 contributes to *Borrelia burgdorferi* persistence in ticks and their transmission to naïve hosts." *Microbes Infect* 2013 Sep-Oct;15(10-11):729-37.
2. Beausang JF, Shroder DY, Nelson PC & Goldman YE. "Tilting and wobble of myosin V by high-speed singlemolecule polarized fluorescence microscopy." *Biophys J*. 2013 Mar 19;104(6):1263-73.
3. Yang X, Promnares K, Qin J, He M, Shroder DY, Kariu T, Wang Y & Pal U. "Characterization of multiprotein complexes of the *Borrelia burgdorferi* outer membrane vesicles." *J Proteome Res*. 2011 Oct 7;10(10):4556-66.
4. Promnares K, Kumar M, Shroder DY, Zhang X, Anderson JF & Pal U. "*Borrelia burgdorferi* small lipoprotein Lp6.6 is a member of multiple protein complexes in the outer membrane and facilitates pathogen transmission from ticks to mice." *Mol Microbiol*. 2009 Oct;74(1):112-25.
5. Coleman AS, Yang X, Kumar M, Zhang X, Promnares K, Shroder D, Kennedy MR, Anderson JF, Akins DR & Pal U. "*Borrelia burgdorferi* complement regulator acquiring surface protein 2 does not contribute to complement resistance or host infectivity." *PLoS One*. 2008 Aug 20;3(8):3010e.
6. Luo R, Ahvazi B, Amariei D, Shroder D, Burrola B, Losert W & Randazzo PA. "Kinetic analysis of GTP hydrolysis catalysed by the Arf1-GTP-ASAP1 complex." *Biochem J*. 2007 Mar 15;402(3):439-47.