

Ahmet Yildiz
Selected Publications
October 2015

Robert A. Wu, Yavuz S Dagdas, S Tunc Yilmaz, Ahmet Yildiz and Kathleen Collins. Single-molecule imaging of telomerase reverse transcriptase in human telomerase holoenzyme and minimal RNP complexes. *eLife* e08363 (2015).

Mark A. Dewitt, Caroline A. Cypranowska, Vladislav Belyy and Ahmet Yildiz. The AAA3 Domain of Cytoplasmic Dynein Acts as a “Switch” to Facilitate Microtubule Release. *Nature Structural & Molecular Biology* 22:73-80 (2015).

Vladislav Belyy, Nathan L. Hendel, Alexander Chien and Ahmet Yildiz. Cytoplasmic Dynein Transports Cargos via Load-Sharing between the Heads. *Nature Communications* 5:5544 (2014).

Frank B. Cleary, Mark A. Dewitt, Thomas Bilyard, Zaw Min Htet, Vladislav Belyy, Danna D. Chan, Amy Y. Chang and Ahmet Yildiz. Tension On The Linker Gates The ATP-Dependent Release Of Dynein From Microtubules. *Nature Communications* 5:4587 (2014).

Sinan Can, Mark A. Dewitt and Ahmet Yildiz. Bidirectional helical motion of cytoplasmic dynein around microtubules. *eLife* 3:e03205 (2014).

Sujay Ray, Jigar N. Bandaria, Mohammad H. Qureshi, Ahmet Yildiz and Hamza Balci. POT1/TPP1 Protects Telomeric G-Quadruplexes Against RPA Mediated Unfolding. *PNAS* 111(8):2990-5 (2014).

Sheng-Min Shih, Benjamin D Engel, Fatih Kocabas, Thomas Bilyard, Arne Gennerich, Wallace F Marshall and Ahmet Yildiz. Intraflagellar transport drives flagellar surface motility. *eLife* 2:e00744 (2013).

Mark A. Dewitt, Amy Y. Chang, Peter A. Combs, and Ahmet Yildiz. Cytoplasmic Dynein Moves Through Uncoordinated Stepping of the AAA+ Ring Domains. *Science* 335, 221-225 (2012).