DeltaVision OMX had a great year for publications! In 2015, 115 peer-reviewed papers were published. Of the 115, 66 papers were published in high-profile journals, including two in Cell, seven in Journal of Cell Biology, two in Nature, three in Nature Cell Biology, ten in Nature Communications, and three in Science. Here, the 66 high-profile publications are listed according to application.

Cancer

Centrosome

Cell division
Cell polarization and migration
Sternemalm, J. et al. CSPP-L associates with the desmosome of polarized epithelial cells and is required for normal spheroid formation. PLOS One 10(8), 2015, doi:10.1371/journal.pone.0134789.

Chromosome structure

Ciliogenesis

Cytoskeleton
Mönkemöller, V. et al. Multimodal super-resolution optical microscopy visualizes the close connection between membrane and the cytoskeleton in liver sinusoidal endothelial cell fenestrations. Scientific Reports 5, 1-10 (2015), doi:10.1038/srep16279.

Development

Endosome

Evolution

Haematopoiesis

Human disease
Bozzi, M. et al. The structure of the T190M mutant of murine α-Dystroglycan at high resolution: insight into the molecular basis of a primary dystroglycanopathy. PLOS One 10(5), 1-21, doi:10.1371/ journal.pone.0124277.

Immunology

Meiosics

Membrane structure
Doucet, C. et al. Membrane curvature sensing by amphipathic helices is modulated by the surrounding protein backbone. PLOS One 10(9), 1-23 (2015), doi:10.1371/journal.pone.0137965.

Microbiology
Mitotic spindle

Neurobiology

Plant biology

Protein aggregates

Signaling

Stem cells

Splicing