Our mission is to uncover the pathophysiology of ocular neurodegenerative processes, to develop and test therapeutic strategies, and to understand and model normal retinal function. The basis of our work is in-depth functional and morphological phenotyping of genetic models of blinding human neurodegenerative disorders with electroretinography (ERG), scanning-laser ophthalmoscopy (SLO), and optical coherence tomography (OCT), the same non-invasive techniques used in affected patients.

Publications