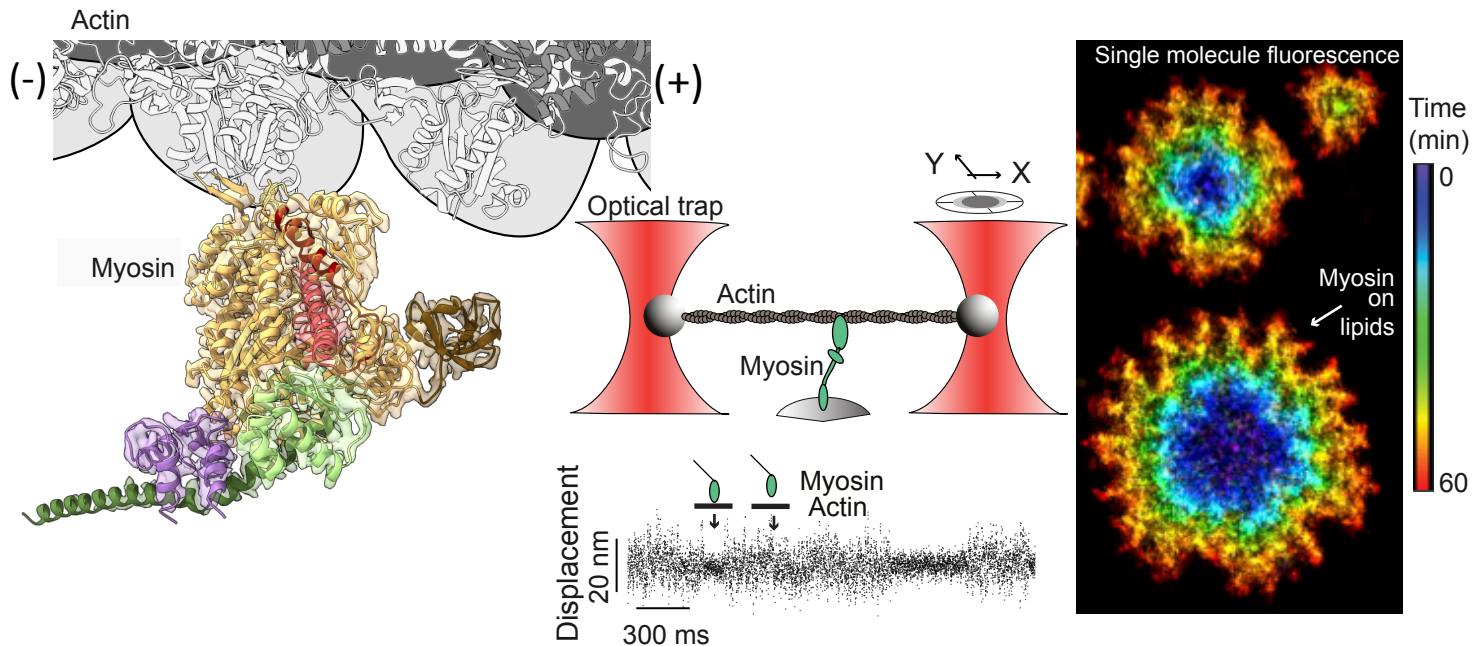


High resolution **structural** and **mechanical** studies on myosin motor proteins



The Department of Cellular Physiology in cooperation with the Munich Centre for Nanosciences (CeNS) invites applications for

New PhD projects

for students with an interest in interdisciplinary research in molecular biophysics

Techniques you will apply single molecule mechanics using optical traps, single molecule fluorescence
high resolution electron microscopy & single particle image processing

Biophysical background Function of motor proteins and the cytoskeleton in human health and
disease, specifically myosins in hearing, cancer cell motility, myosins in
parasite model systems (human pathogenic Malaria / Leishmania)

Scientific network for our biophysics students: being part of CeNS

Candidates should have a background in physics, biophysics, chemistry, biochemistry or biology
(Masters) and basic biophysical laboratory skills; good command of the English language

Interested?

Do contact us: Prof. Dr. Claudia Veigel, Lehrstuhl Zelluläre Physiologie, LMU München,
Biomedizinisches Zentrum, Grosshadernerstrasse 9, 82152 Planegg-Martinsried Germany.

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