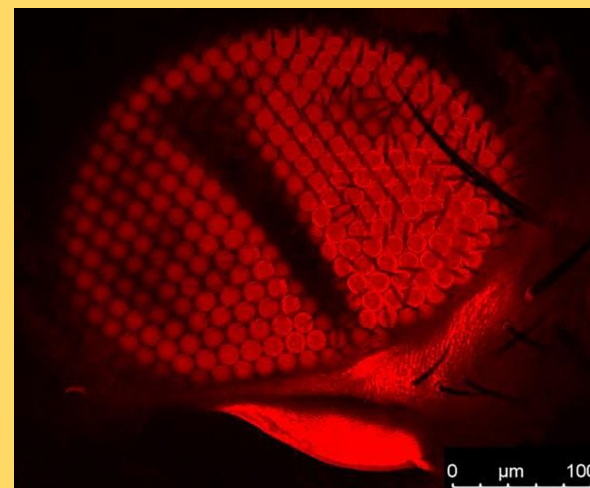




Congratulations
Dr. S. N. Sahu & his team!
for
The News Highlight of their
research work in
NATURE INDIA



The research work of Dr. Satya Narayan Sahu, School of Chemistry has been highlighted in Nature India as “Organic dye lights up an essential protein in living cells”. The authors in collaboration with NIT, Rourkela investigated the binding of a non-toxic organic dye to actin, a protein that plays vital role in shape, adhesion, and mobility of cells. The synthesized dye specifically binds with actin and displays bright red emission while exposed to UV light; makes it a scaffold-free molecule for bioimaging of actin.

Nature News: <https://www.nature.com/articles/d44151-023-00188-9>

Reference: [Murmu, N. et al. Sens. Actuators B. Chem. 399, 134741 \(2024\)](#)