

# Molecule for *In vivo* Imaging in the SWIR and NIR-II Range

Researchers around Fan Zhang demonstrate a new molecule for *in-vivo* imaging where both excitation and emission of the molecule are optimally in the SWIR/NIR-II spectral range. They show high resolution imaging of brain tissue as well as dynamic imaging of the respiratory rate of mice by imaging movements of the liver.

**Featured Paper/ Publication:** [Efficient 1064-nm NIR-II Excitation Fluorescent Molecular Dye for Deep-tissue High-resolution Dynamic Bioimaging.](#)  
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**Reference Lab:** [Fan Zhang](#), Fudan University, China

**Products used:** [NIRvana](#)