

[FREE WEBINAR] LIVE (🎥)

Spying on Neuromodulation with Novel Genetically Encoded Fluorescent Sensors

📅 March 28th, 2024 | 🕒 CET 2:00 PM

Content outlines

- Introduction of ultrasensitive GRAB sensors for detecting monoamines, neuropeptides, lipids and purines
- Expanding GRAB sensors' spectrum for multiplexed imaging
- Applying GRAB sensors *in vivo* for a comprehensive understanding of neuromodulation

About Professor Yulong Li

- Focuses on the development of novel fluorescent probes to explore the regulation of synaptic transmission, especially the regulation of neurotransmitter release under physiological and pathological conditions
- The GRAB family of fluorescent probes for acetylcholine, monoamines, purines, lipids and neuropeptide neurotransmitters/modulators has been developed and successfully used for *in vivo* detection in a variety of model animals
- Related researches have been published in Science, Cell, Nature, Nature Methods, among others



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