

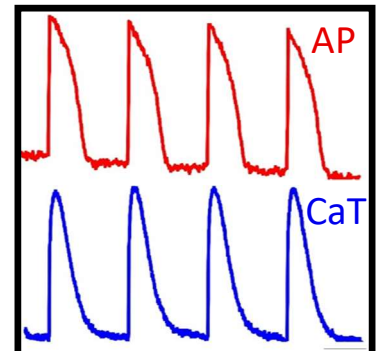
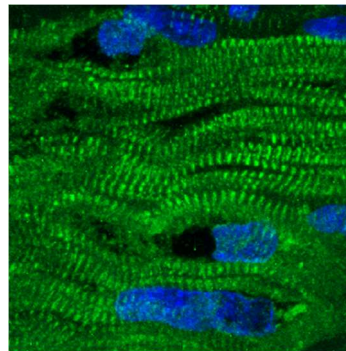
*The Orbeli Physiology Institute invites you to the  
2022 Advanced Bioimaging Seminar series*

## ***Imaging voltage and calcium in live cells and tissues***

**Thursday July 28<sup>th</sup> 2022, 5pm**  
Orbeli Physiology Institute Conference room  
Yerevan, 22 Orbeli Brothers street

### ***Nikki Posnack, PhD***

*Associate Professor  
Dept of Pediatrics, Dept of Pharmacology & Physiology  
Children's National Hospital  
Washington DC, USA*



**Cardiac optical imaging** is a powerful tool for studying cardiac electrophysiology and intracellular calcium handling under normal and pathological conditions, or in response to environmental toxins. This seminar will explain technical approaches to optical imaging in cardiac cell preparations and tissue constructs. Applications for cardiotoxicity testing will be discussed.

The webinar will be in English, is free and open to the public  
Refreshments will be served