Webcast – FLASH Mechanisms: An Alternative Role of Oxygen in the FLASH Effect

Mirna El Khatib

[modal_popup_box btnalign=”center” toppadding=”10″ titletext=”Mirna El Khatib” bodybg=”#000000″ btntext=”Biography” btn_border=”#1e73be” btnclr=”#ffffff” hoverclr=”#ffffff” btnbg=”#2b2171″ hoverbg=”#f39200″]Mirna El Khatib is a Research Assistant Professor in the Department of Biochemistry & Biophysics at the University of Pennsylvania. She received her PhD in Organic Chemistry at the University of Florida and postdoctoral training at the University of Pennsylvania. In 2019, she was awarded a career development award from the NIH (K25/NHLBI). She is also a recipient of the Johnson Foundation fellowship (2021-2022). Her research focuses on the development of membrane-anchored molecular probes for sensing oxygen and voltage in cells. Presently, she is focused on advancing the phosphorescence quenching method in combination with new ultra-bright Oxyphors to assess the dynamics of oxygen during application of proton FLASH radiotherapy.[/modal_popup_box]Some things are too important not to share, which is why we are giving free access to selected sessions from the FRPT 2023 Conference to everyone interested in FLASH and Particle Therapy.

We hope you enjoy this lecture from Mirna El Khatib and we look forward to seeing you at the FRPT 2024 Conference in Rome!ALL WEBCASTS