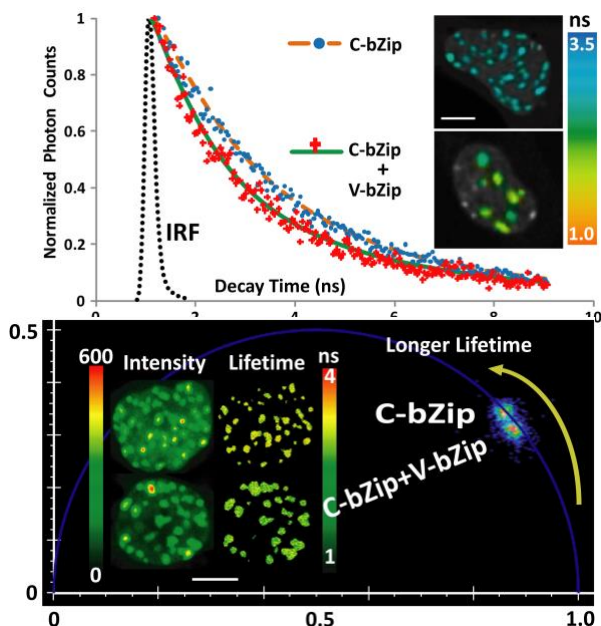


Metabolic response of segmented prostate cancer cells after treatment, based on FLIRR (Fluorescence Lifetime Redox Ratio) –NAD(P)H-a2%/FAD-a1%. Scientific Reports | (2018) 8:79, DOI:10.1038/s41598-017-18634-x



FLIM-FRET Microscopy to investigate proteins dimerizing in the nucleus. Top: Time correlated single photon counting (TCSPC) method (Becker & Hickl). Bottom: Frequency-domain technique (ISS). Nature Protocols 6 (9), 1324-1340, 2011

Systems and live model cell line - transfected with above proteins will be available at workshop for the practical.

Faculty

Dr. A. Periasamy, University of Virginia
 Workshop Director, ap3t@virginia.edu
 Dr. M. Barroso, Albany Medical College, NY
 Dr. M. Börsch, Jena University, Germany
 Dr. J. N. Demas, Chemistry, UVA
 Dr. M. Digman, Univ. of California-Irvine
 Dr. A. Kenworthy, MPBP, UVA
 Dr. A. Rück, Universität Ulm, Germany
 Dr. S. Vogel, NIAA, NIH
 Dr. A. Walsh, Texas A & M University
 Dr. Jin Zhang, UC at San Diego

Guest Lecturers
 Dr. Huiwang Ai, MPBP, UVA
 Dr. K. Siller, Research Computing, UVA
 Dr. M. Skala, Univ. Wisconsin
 Dr. P. So, MIT
 Dr. M. Stanley, Chroma Tech.

For more info:

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