



# SEMINÁRIO DIA 09/04/2021

Sala de Web Conferência – 10 horas

*"Bioorthogonal Reporters for  
Biological Imaging".*

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## **Abstract:**

The field of chemical biology has been transformed thanks to the development of bioorthogonal chemistry. This particular branch of chemistry, where two partners specifically react together in complex biological fluids, allowed researchers to reach until now new biomolecules through the chemical reporter strategy, the most famous example being the development of the metabolic glycan engineering (MGE). The panoply of tools for in vivo imaging has never been so widely and quickly expanding, but the organism and the cell compartment aimed at prevent the use of some strategies that would yet be suited for other targets. Our team has been using MGE for years and is currently involved in multiple in vivo imaging projects using different living models, such as mammalian cells, plants, and bacteria.