



NCCR CHEMICAL
BIOLOGY

NCCR LECTURE SERIES

Invited speaker

BRADLEY PENTELUTE

Associate Professor

Department of Chemistry, Massachusetts Institute of Technology, USA



Cysteine arylation to engineer peptides and proteins

June 25th 2018

16:15

UNIGE - A150

About the talk

The Pentelute lab research focuses on the development of cysteine arylation for production of antibody drug conjugates, the use of chemistry to systematically dissect how anthrax toxin delivers proteins into cells with the goal of delivering peptides and antibodies mimics to the cytosol of cells, and fast flow platforms for the rapid production of chemically modified biomolecules. Their recent work has revealed cysteine arylation as a potentially powerful avenue to chemically tailor unprotected peptides and proteins.

