Chemoselective Chemistry in Biomaterials: Examples and Overview

Joel H. Collier, PhD
University of Chicago

Chemoselective chemistry is increasingly utilized in biomaterials applications, but many of these approaches have not yet become routine. This brief overview will describe several strategies and technologies that may be waiting to be exploited by biomaterials developers to produce precisely defined, multi-component biomaterials from polymers, proteins, peptides, and their bioconjugates. It will also serve to introduce the talks that follow in the session.