

Prof. Amy Shen

Title: Microfluidic platforms for biomedical applications

Abstract: Microfluidics has emerged in recent years as a versatile method of manipulating fluids at small length-scales, and in particular, for generating and manipulating micron size droplets with controllable size and functionality. In this talk, I will showcase several examples related to microfluidic platforms to design functionalized scaffolds for encapsulation, sensing, and immunoassay applications.