



Ji Ma, Adallo LLC

New Title: Out of the furnace and into the body - experiences with the FDA and new alloys for medical implants.

Abstract: The workhorse alloys for medical implants have remained largely constant for decades, and pushing a new material through the watchful eyes of the FDA is often seen as an arduous trek. This talk will share first-hand experience of going through this process. I will discuss lessons learned, best practices, and traps that should be avoided. The path is not as rocky as it may initially appear.

Bio: Ji Ma is also the co-founder of Adallo, a medical devices company developing personalized orthopedic devices based on a beta-titanium shape memory alloy. He is also an assistant professor of materials science and engineering at the University of Virginia. His research focuses on additive manufacturing of metals, ceramics, and other functional materials.