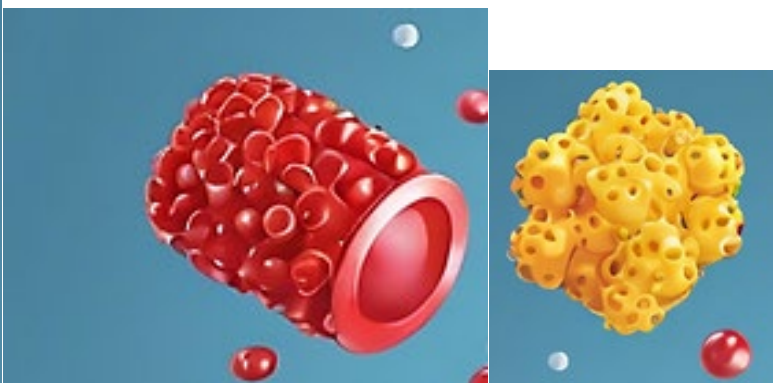


MATERIALS IN MEDICINE

RBIO – 8220 (3 Credit Hours); SPRING 2025

Tue/Thu (9.35-10.50 AM)

Room 127, Edgar L. Rhodes Building



Biomaterials are essential tools that are required for the development of therapeutic delivery strategies and tissue engineered scaffolds. The main objective of this graduate level course is to introduce students to current and emerging classes of biomaterials and discuss their applications in preclinical and clinical research settings. The course will review recent literature in the field and discuss the chemical, structural, material, and functional properties of biomaterials. Students will learn the fundamentals of bioconjugate chemistry and biomaterial design and apply this knowledge in a biomaterials design project of their interest, which they will present to the class at the end of semester. Periodic assessments will include student led journal club discussions, take home assignments, and quizzes. Students with knowledge of biology and basic chemistry are welcome to register for this course. Please contact course instructor Dr. Lohitash Karumbaiah (lohitash@uga.edu) for more information.
