



Project Title:

Effects of Plasma Treatment on 3D Printed Bioresorbable polymers

Project Reference Code:

Evonik2

Host Facility:

Evonik Corporation

Host Facility Location:

756 Tom Martin Drive
Birmingham, AL 35211
<http://www.evonik.com>

Project Description:

The Project will continue the evaluation of plasma treatment of 3D printed Bioresorbable polymers for use in tissue engineering and medical device applications. Different 3D printing technology such as FDM or Bioplotters will be used. Students will be trained in polymer processing, Good Lab practice Industry lab operating procedures of Medical device biomaterials.

Disciplines:

Engineering, Chemistry, Materials Science

Is U.S. citizenship required to participate in this project?

No

Internship Location and COVID-19 related Backup Plan

Due to the COVID-19 pandemic, we are preparing multiple options to ensure that the internship will take place. We are looking at least at an in-person, hybrid, and fully virtual option. For any in-person component we will ensure that there is adequate physical spacing between workspaces, following all relevant cleaning protocols.

Name(s) of Mentor(s) and contact information:

Jian Fen Zhang (jian-feng.zhang@evonik.com)

Internship Coordinator/ HR manager:

Julia Jacobs (Julia.Jacbos@Evonik.com)

The name and contact information of personnel at the host facility is provided for further assistance with questions regarding the host facility or the project.

Interns will not enter into an employee/employer relationship with the host facility. No commitment with regard to later employment is implied or should be inferred.