



Corporate Internship Program on Plasma Technology Applications



Project Title:

Antibacterial Effects of Plasma Treatment on Polymeric Materials

Project Reference Code:

Evonik1

Host Facility:

Evonik Corporation

Host Facility Location:

756 Tom Martin Drive

Birmingham, AL 35211

<http://www.evonik.com>

Project Description:

Fabricate polymeric samples & conduct a preliminary investigation into the effects of plasma treatment on the potential for antibacterial enhancement of polymeric materials for healthcare applications. Studies will include screening tests with multiple plasma sources, optimization of polymer membrane production via advanced processing methods, and preparing samples for in vitro screening.

Disciplines:

Medical Devices

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

Yes

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

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Balaji Prabhu (Balaji.Prabhu@evonik.com)

Internship Coordinator/ HR manager:

Julia Jacobs (Julia.Jacobs@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.