POSTGRADUATE RESEARCH OPPORTUNITY

Project Title: Fingerprinting critical therapeutic attributes: overcoming challenges to fulfil commercial potential.

- **Project Description:** This project combines aspects of analytical chemistry and pharmaceutical characterisation. The goal is to inform on the mechanism of action for a promising antifungal agent. Proficiency with each of LC, GC and microbiology a decided advantage.

**Duration of Project:** 24 months (MSc) 48 months (PhD)

**Funding Agency:**

**Type of Degree Offered:** PhD or MSc

**Minimum Qualifications/Experience Necessary/Any Other Requirements:**

- **Requirements:** minimum classification of 2.1 honours, BSc/MSc Pharmaceutical sciences, pharmaceutical analysis, analytical toxicology, biotechnology, bioveterinary sciences, applied bioscience or equivalent. The successful delivery of this project will necessitate the following attributes:
  
- an enquiring, imaginative and critical mind;
- power of observation;
- safety awareness;
- preparedness to pay scrupulous attention to detail- paying particular attention to the effects of the “accumulation of incremental actions”;
- integrity;
- in addition, the chosen candidate analyst must be able to design and carry out experiments and be capable of statistically evaluating the experimental data;
- given this project’s broad scope, the successful candidate will require multidisciplinary chemical knowledge and familiarity with the working principles of a wide range of instrumentation.

IELTS [International English Testing System] Applicants must have a minimum of 6.0 with no component score less than 6.0.
Research Supervisors: Mr J. Roche, Dr C. Kealey, Dr D. Brady

For further information please contact: Jim Roche
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Applications:  Download Application Form at
https://www.ait.ie/research-and-innovation/postgraduate-research-opportunities

Closing date for receipt of completed application forms is 5pm [22 November]
Please submit your completed application:
By Post to: President Doctoral Scholarship Awards, Office of Research, Athlone Institute of Technology, Dublin Road, Athlone Co. Westmeath
By Email to: pro@ait.ie