

Structured Masters by Research funded by industrial partner DSM Food Specialties

Applications are sought from suitably qualified candidates for two postgraduate research opportunities leading to the award of a Masters Degree by Research at the Institute of Technology Tallaght.

All positions must be filled by students ready to start in early Summer 2018.

Minimum requirement: Applicants must hold an Honours degree (Grade 2:2 or higher) in the relevant area. For non-nationals, an IELTS score of ≥ 6.0 is also required.

Successful candidates will be eligible for a 18 month scholarship funded by DSM Food Specialties which will provide a stipend of €10,880 per annum, full EU college fees paid* for 2 years commencing September 2018 and a contribution towards project running costs.

Code	Title	Area	Lead PI
PIND1801	Identification, characterisation and scale-up studies of antimicrobial & antifungal activity produced by GRAS organisms.	Biotechnology	Dr Mary Costello

Please forward your completed application form along with a recent version of your CV and transcripts to ResearchAdministration@it-tallaght.ie

*Note: Non-EU students must pay an additional non-EU postgraduate fee of *€7,100 per annum

The project will be carried out in collaboration with DSM Food Specialties. The research project carried out in IT Tallaght will involve studies on GRAS designated bacteria that have been identified as producing antimicrobial activity. The spectrum of activity to encompass both bacterial and fungal targets will be evaluated. Additionally, scale-up and optimization of fermentation and downstream treatment for selected target organism(s) to evaluate potential for commercialisation will be researched at the National Pharmaceutical Education Centre in the Institute.

<http://www.dsm.com/corporate/about/business-entities/dsm-food-specialties.html>

CLOSING DATE: Friday 22nd June @ 17.00

Applicants called for interview must attend in person and/or be available to interview via video link (telephone only interviews are not permitted).