



UCC

Coláiste na hOllscoile Corcaigh, Éire
University College Cork, Ireland

Two PhD Studentships in Cereal Science / Food Microbiology

Supervisor: Prof Elke Arendt

Position Posted: 20 January 2015 Closing Date for Applications: 20 February 2015 Department: School of Food and Nutritional Sciences, Cereal Science Research Type: Research PhD

Description

The Cereal Science Research group (<http://www.ucc.ie/en/cerealscience/>) in the School of Food and Nutritional Sciences (<http://www.ucc.ie/en/fns/research/>), at University College Cork has a well-established international track record in the study of cereal science and food microbiology. This includes a wide range of cereal products, microbial-host interactions, the discovery of bioactive compounds, and the beneficial application of lactic acid bacteria in food and beverage systems.

Based on recent research funding, vacancies exist for two exciting and challenging PhD positions in the area of Cereal and Beverage Science / Food Microbiology.

- (a) Cereal and plant proteins – characterisation and application in food and beverages**
- (b) Reduction of sugar in cereal products**

Applications are invited for PhD students with experience in food science or microbiology and a keen interest in cereals and cereal processing as well as food fermentations. The appointed candidates will employ a wide range microbiology, molecular biology, analytical chemistry and food technology to develop an insight into bacteria/yeast/food ingredients interactions.

Criteria

- Fluent written and spoken English
- A Masters in Food Science, Biotechnology, or equivalent qualification in Microbiology
- Appropriate research experience
- Appropriate technical competence and accomplishment
- A capability of working within a project team to achieve results and publications

For further enquiries:

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To Apply:

Please submit a short cover letter (max. 1 page) and CV to Dr Emanuele Zannini (e.zannini@ucc.ie) by Friday 20 th February 2015. Successful applicant will be notified in March.