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## PhD Postgraduate Research Opportunity in Science

**Project Title:** 'Targeted release of bioactive peptide sequences using peptidase activities'  
(Ref: Peptide)

**Funding Agency:** Department of Agriculture and Food: FIRM Programme

**Description:** Milk proteins contain biologically active peptide sequences encrypted within their primary structures. These peptides have a range of potential beneficial physiological functions. Bioactive peptides may be released from intact proteins via targeted enzymatic hydrolysis. This project involves the exploitation of specific peptidase activities in the release of bioactive peptide sequences from milk proteins. This project will provide exposure to a range of peptide characterisation techniques.

**Qualifications:** Applications for the above studentships are invited from suitably qualified graduates (H2 or higher) in biochemistry, food science, food chemistry, biotechnology, or related disciplines.

**Project Start Date:** 1<sup>st</sup> June 2007

**Project Duration:** 36 months

**Conditions:** €1,300 per month tax-free stipend, with an increment after 18 months.  
Postgraduate fees for EU candidates and any travel costs incurred during the project will also be covered.

(Candidates from beyond the EU are eligible to apply, but will be expected to provide evidence of sources of additional funds to cover excesses associated with **Non-EU fees that could amount to €6,000 per year**)

**Further Information on the Project:** Dr. Gerry Quinn on +353 (0)91 742275.

**Application Form (which must be forwarded by post) is available at:**

<http://www.gmit.ie/research/vacancies.html> or phone: +353 (0)91 742759

(Please note that applications forwarded by email **will not** be accepted)

**Completed Application Form to be returned to:** Research Recruitment,  
Development Office,  
Galway-Mayo Institute of Technology,  
Dublin Road, Galway, Ireland.

**Closing Date for receipt of Application Forms:** 12.00 noon, Friday 25<sup>th</sup> May 2007