

University College Cork

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Ireland

(UCC) is one of four constituent universities of the federal National University of Ireland. Founded in 1845, UCC is one of Ireland's oldest institutes of higher learning and was originally established as Queen's College. At the same time, two other Queen's Colleges were established in Ireland - one in Galway, the other in Belfast. The original site chosen for the University is believed to have a connection with the patron saint of Cork, St Finbarr, who set up a monastery and school of learning in close proximity to the University. Hence the University's motto "Where Finbarr Taught, Let Munster Learn".

Recent Publications by University College Cork:



- [A profusion of upstream open reading frame mechanisms in polyamine-responsive translational regulation.](#)
*In many eukaryotic mRNAs one or more short 'upstream' open reading frames,...*19th November, 2009
BioSciences Institute, University College Cork, Cork, Ireland and- Nucleic Acids Res. 2009 Nov 17. ([DOI Direct Link](#))
- [Men's experiences of radical prostatectomy as treatment for prostate cancer.](#)
*PURPOSE OF THE RESEARCH: The aim of this study was to provide a...*17th November, 2009
Catherine McAuley School of Nursing and Midwifery, Brookfield Health- Eur J Oncol Nurs. 2009 Nov 12. ([DOI Direct Link](#))
- [Direct electrochemistry of horseradish peroxidase immobilized on a monolayer modified nanowire array electrode.](#)
*Vertically aligned nanowire array electrodes (NAEs) were prepared by...*17th November, 2009
Tyndall National Institute, University College Cork, Lee Maltings, Cork,- Biosens Bioelectron. 2009 Oct 23. ([DOI Direct Link](#))
- [NS1' of flaviviruses in the Japanese encephalitis serogroup is a product of ribosomal frameshifting and](#)

[plays a role in viral neuro-invasiveness.](#)

Flavivirus NS1 is a non-structural protein involved in virus replication... 13th November, 2009
Research Centre for Infectious Diseases, School of Chemistry and Molecular- J Virol. 2009 Nov 11. ([DOI Direct Link](#))

- [Unraveling the Directional Link between Adiposity and Inflammation: A Bidirectional Mendelian Randomization Approach.](#)

Context: Associations between adiposity and circulating inflammation... 13th November, 2009
Division of Cardiovascular and Medical Sciences (P.W., P.W.M., C.J.P.,- J Clin Endocrinol Metab. 2009 Nov 11. ([DOI Direct Link](#))

- [Selection of thiol- and disulfide-containing proteins of Escherichia coli on activated thiol sepharose.](#)

Activated thiol sepharose (ATS) facilitates selection of thiol-containing... 12th November, 2009
Proteomics Research Group, Dept Biochemistry, University College Cork,- Anal Biochem. 2009 Nov 7. ([DOI Direct Link](#))

- [Bioinformatic evidence for a stem-loop structure 5'-adjacent to the IGR-IRES and for an overlapping gene in the bee paralysis dicistroviruses.](#)

The family Dicistroviridae (order Picornavirales) includes species that... 10th November, 2009
BioSciences Institute, University College Cork, Cork, Ireland.- Virol J. 2009 Nov 6;6:193. ([DOI Direct Link](#))

- [Interstrain genomic comparison reveals a crucial role for IS elements in the evolution of Lactobacillus helveticus.](#)

Lactobacillus helveticus is a versatile dairy bacterium found to possess... 3rd November, 2009
Teagasc, Moorepark Food Research Centre, Moorepark, Fermoy, Co. Cork,- Appl Environ Microbiol. 2009 Oct 30. ([DOI Direct Link](#))

- [The heme binding protein HRG-1 is induced by IGF-I and associates with the Vacuolar \(H+\) -ATPase to control endosomal pH and receptor trafficking.](#)

Endocytosis and trafficking of receptors and nutrient transporters is... 31st October, 2009
University College Cork, Ireland;- J Biol Chem. 2009 Oct 29. ([DOI Direct Link](#))

- [Chemical interactions and their role in the microphase separation of block copolymer thin films.](#)

The thermodynamics of self-assembling systems are discussed in terms of... 30th October, 2009
Department of Chemistry, University College Cork, Cork, Ireland; E-Mails:- Int J Mol Sci. 2009 Aug 25;10(9):3671-712. ([DOI Direct Link](#))

- [Study on the Combined Effects of Solvent Evaporation and Polymer Flow upon Block Copolymer Self-Assembly and Alignment on Topographic Patterns.](#)

Microphase separation of a... 29th October, 2009
Materials Chemistry Section, Chemistry Department, University College- Langmuir. 2009 Oct 27. ([DOI Direct Link](#))

- [Hereditary haemochromatosis: patient support and education.](#)

Hereditary haemochromatosis is a genetic disorder resulting in iron... 28th October, 2009
Brookfield Health Science Complex, University College Cork, Ireland.- Nurs Stand. 2009 Sep 23-29;24(3):49-56.

- [Classification of array CGH data using smoothed logistic regression model.](#)

Array comparative genomic hybridization (aCGH) provides a genome-wide... 27th October, 2009
Statistical Laboratory, University College Cork, Ireland.- Stat Med. 2009 Oct 23. ([DOI Direct Link](#))

- [Toward the use of genomics to study microevolutionary change in bacteria.](#)

Bacteria evolve rapidly in response to the environment they encounter.... 27th October, 2009
Department of Microbiology, University College Cork, Environmental- PLoS Genet. 2009 Oct;5(10):e1000627. Epub 2009 Oct 26. ([DOI Direct Link](#))

- [Are patients with IBD knowledgeable about the risks of their medications?](#)

Vertically aligned nanowire array electrodes (NAEs) were prepared by... 26th September, 2008
Department of Medicine, Alimentary Pharmabiotic Centre, University College- Inflamm Bowel Dis. 2008 Oct;14 Suppl 2:S70-1. ([DOI Direct Link](#))

Press Releases on University College Cork:

Diabetes Population to Double, Diabetes Costs to Nearly Triple, in 25 Years, New Study Shows	<p>27th November, 2009</p>	<p>National Changing Diabetes Program</p>	<p>PRINCETON, N.J., Nov. 27 /PRNewswire/ -- The diabetes population in the United States will almost double over the next 25 years and annual medical spending on the disease is projected to hit \$336</p>
Infection-Control Strategies at Leading Hospital Can be Adapted for Everyday Use	<p>27th November, 2009</p>	<p>Hospital for Special Surgery</p>	<p>NEW YORK, Nov. 27 /PRNewswire/ -- With cold and flu season upon us, it's more important than ever to employ good practices to control the spread of infections and avoid illness. "We need to</p>
Sentinelle Medical Launches Aegis Suite of Oncology 4D Visualization Software with PureWeb(TM) Technology	<p>25th November, 2009</p>	<p>Sentinelle Medical Inc.</p>	<p>TORONTO, Nov. 25 /PRNewswire/ - Sentinelle Medical Inc., a leading manufacturer of breast MRI coils and advanced visualization software launches a suite of new leading edge clinical applications on</p>
Sentinelle Medical Inc. Introduces Aegis(TM) Web Powered By Calgary Scientific's PureWeb Technology	<p>25th November, 2009</p>	<p>Sentinelle Medical Inc.</p>	<p>TORONTO and CALGARY, Nov. 25 /PRNewswire/ - Sentinelle Medical Inc., a leading manufacturer of Magnetic Resonance Imaging (MRI) coils and software and Calgary Scientific Inc., a leading provider of</p>
Phonak Successfully Hosts Hearing Care for Adults 2009 Conference	<p>25th November, 2009</p>	<p>Phonak</p>	<p>CHICAGO and STAFFA, Switzerland, Nov. 25 /PRNewswire/ -- From November 16-18, Phonak, the leading manufacturer of innovative hearing solutions, presented the second edition of the Hearing Care for</p>

- [Tnaiste launches a world first in pharmaceutical R&D collaboration at University of Limerick](#)
Department of Enterprise: Nov 17 2009 9:18AM Matching: university college cork
- [Research 'driving force behind better treatment](#)
Irish Medical Times: Nov 16 2009 4:11PM Matching: university college cork
- [Curry compounds kill oesophageal cancer cells in lab](#)
Cancer Research UK: Nov 11 2009 9:08PM Matching: university college cork
- [The secrets of gut bacteria](#)
Irish Medical News: Nov 10 2009 4:20PM Matching: university college cork
- [University of Limerick creates worlds first best-practice web portal for pharmaceutical compound crystallisati](#)
IDA Ireland: Nov 10 2009 2:33PM Matching: university college cork
- [Indian Spice Ingredient Kills Cancer Cells](#)
Biotech Daily: Nov 10 2009 3:25PM Matching: university college cork
- [Curcumin induces apoptosis-independent death in esophageal cancer cells](#)
MedWire News: Nov 10 2009 11:45PM Matching: university college cork
- [University of Limerick creates world's first best-practice web portal for pharmaceutical compound crystallisat](#)
Biotechnology Ireland: Nov 9 2009 7:39PM Matching: university college cork
- [UL creates world's first best-practice web portal for pharma](#)
Silicon Republic: Nov 9 2009 6:02AM Matching: university college cork
- [Neurosurgical Update 2009](#)
Irish Medical Times: Nov 9 2009 5:15PM Matching: university college cork
- [Conflicts of interest in Irish pharmaceutical regulation](#)
University College Cork: Nov 8 2009 12:08PM Matching: university college cork
- [New Irish pharma portal launched](#)
Ireland Business World: Nov 7 2009 12:25AM Matching: university college cork
- [Life Sciences: New life sciences study findings recently were reported by researchers at University College, Alimentary Pharmabiotic Center](#)
NewsRX: Nov 7 2009 5:41AM Matching: university college cork
- [Curry Spice Holds Potential as Cancer Treatment](#)
World Health Network: Nov 3 2009 3:35PM Matching: university college cork
- [UL research director named](#)
Irish Medical Times: Nov 3 2009 6:18PM Matching: university college cork

University College Cork Patents:



- 7560234- [Detection of ochratoxin A producing fungi](#)
- 5189419- [Single shot sigma-delta analog to digital converter](#)
- 5986595- [Reduction of mismatch errors for multibit oversampled data converters](#)

- 6054945- [Reduction of comparator power requirement in a switched capacitor ADC](#)
- 6107947- [Parallel sigma delta modulator](#)
- 6515606- [Analog to digital converter](#)
- 6524663- [Method for selective activation and metallization of materials](#)
- 6850058- [Offset and low frequency noise insensitive magnetic sensor](#)
- 6866833- [Substituted thiourea complexing agent and a method for extracting a noble metal from a matrix using the complexing agent](#)
- 7106234- [Digital to analog converter with reduced output noise](#)
- 7138270- [Assay device and method for chemical or biological screening](#)
- 7175982- [Method for the characterization of nucleic acid molecules involving generation of extendible upstream DNA fragments resulting from the cleavage of nucleic acid at an abasic site](#)
- 7186545- [Probiotic strains from Lactobacillus salivarius and antimicrobial agents obtained therefrom](#)
- 7195906- [Bifidobacterium in the treatment of inflammatory disease](#)
- 7320936- [Plating of multi-layer structures](#)
- 7341921- [Photodiode](#)
- 7399684- [Defect reduction in semiconductor materials](#)
- 7518149- [Light emitting mesa structures with high aspect ratio and near-parabolic sidewalls](#)
- 5019506- [Plasmid and uses thereof](#)

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