

## John Innes Centre

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### Recent Publications by John Innes Centre:



- [Biochemical and molecular analysis of pink tomatoes: deregulated expression of the gene encoding transcription factor SIMYB12 leads to pink tomato fruit colour.](#)  
*The colour of tomato fruit is mainly determined by carotenoids and...*13th November, 2009  
Plant Research International, PO Box 16, 6700 AA Wageningen, The- Plant Physiol. 2009 Nov 11. ([DOI Direct Link](#))
- [The role of absC, a novel regulatory gene for secondary metabolism, in zinc-dependent antibiotic production in Streptomyces coelicolor A3\(2\).](#)  
*The availability of zinc was shown to have a marked influence on the...*13th November, 2009  
Department of Molecular Microbiology, John Innes Centre, Norwich Research- Mol Microbiol. 2009 Nov 10. ([DOI Direct Link](#))
- [Quaternary Structure Changes in a Second PAS Domain Mediate Intramolecular Redox Signal Relay in the NifL Regulatory Protein.](#)  
*Per-Arnt-Sim (PAS) domains play a critical role in signal transduction in...*13th November, 2009  
Department of Molecular Microbiology, John Innes Centre, Norwich, NR4 7UH,- Mol Microbiol. 2009 Nov 10. ([DOI Direct Link](#))
- [Morphogen profiles can be optimized to buffer against noise.](#)  
*Morphogen profiles play a vital role in biology by specifying position in...*13th November, 2009  
Department of Computational and Systems Biology, John Innes Centre,- Phys Rev E Stat Nonlin Soft Matter Phys. 2009 Oct;80(4 Pt 1):041902. Epub
- [Adenosine 5' phosphosulfate kinase is essential for Arabidopsis viability.](#)  
*In Arabidopsis thaliana, adenosine 5' phosphosulfate kinase (APK) provides...*12th November, 2009

Department of Metabolic Biology, John Innes Centre, Norwich, NR4 7UH, UK.- FEBS Lett. 2009 Nov 7. ([DOI Direct Link](#))

- [Local maternal control of seed size by KLUH/CYP78A5-dependent growth signaling.](#)  
*Seed development in plants involves the coordinated growth of the embryo...*7th November, 2009  
Cell and Developmental Biology Department, John Innes Centre, Colney Lane,- Proc Natl Acad Sci U S A. 2009 Nov 5. ([DOI Direct Link](#))
- [PhosPhAt: the Arabidopsis thaliana phosphorylation site database. An update.](#)  
*The PhosPhAt database of Arabidopsis phosphorylation sites was initially...*3rd November, 2009  
Max Planck Institut fur molekulare Pflanzenphysiologie, Am Muhlenberg 1,- Nucleic Acids Res. 2009 Oct 30. ([DOI Direct Link](#))
- [Plant sulfate assimilation genes: redundancy versus specialization.](#)  
*Sulfur is an essential nutrient present in the amino acids cysteine and...*31st October, 2009  
John Innes Centre,- Plant Cell Rep. 2009 Oct 30. ([DOI Direct Link](#))
- [The influence of perenniality and seed banks on polymorphism in plant-parasite interactions.](#)  
*Antagonistic interactions, such as diseases, play an important role in...*29th October, 2009  
Department of Disease and Stress Biology, John Innes Centre, Colney,- Am Nat. 2009 Dec;174(6):769-79. ([DOI Direct Link](#))
- [Mapping simocyclinone D8 interaction to DNA gyrase: evidence for a new binding site on GyrB.](#)  
*Simocyclinone D8, a coumarin derivative isolated from Streptomyces...*28th October, 2009  
Department of Pharmaceutical Sciences, University of Padova, Via Marzolo,- Antimicrob Agents Chemother. 2009 Oct 26. ([DOI Direct Link](#))
- [Localisation of eIF4A-III in the nucleolus and splicing speckles is an indicator of plant stress.](#)  
*The mechanisms of long-term adaptation to low oxygen environment are quite...*27th October, 2009  
Department of Cell Biology, John Innes Centre, Colney, Norwich, UK.- Plant Signal Behav. 2009 Dec 25;4(12).
- [Coevolution between a family of parasite virulence effectors and a class of LINE-1 retrotransposons.](#)  
*Parasites are able to evolve rapidly and overcome host defense mechanisms...*16th October, 2009  
Department of Disease and Stress Biology, John Innes Centre, Norwich,- PLoS One. 2009 Oct 15;4(10):e7463. ([DOI Direct Link](#))
- [Arabidopsis mutants and the network of microtubule-associated functions.](#)  
*In early eukaryotes, the microtubule system was engaged in mitosis...*15th October, 2009  
Department of Cell and Developmental Biology, John Innes Centre, 1 Colney- Mol Plant. 2008 Nov;1(6):888-98. Epub 2008 Oct 3. ([DOI Direct Link](#))
- [GRAS-domain transcription factors that regulate plant development.](#)  
*The molecular mechanisms of plant growth and development have been...*13th October, 2009  
Department of Disease and Stress Biology, John Innes Centre, Norwich, UK.- Plant Signal Behav. 2009 Aug;4(8):698-700. Epub 2009 Aug 4.
- [Environmentally benign synthesis of virus-templated, monodisperse, iron-platinum nanoparticles.](#)  
*The use of an engineered variant of a plant virus, Cowpea mosaic virus...*8th October, 2009  
Department of Biological Chemistry, John Innes Centre, Norwich Research- Dalton Trans. 2009 Oct 28;(40):8479-80. Epub 2009 Aug 27. ([DOI Direct Link](#))

#### Press Releases on John Innes Centre:

['A Funny Thing Happened on the Way to Cure Parkinson's...'; Took Place Saturday, November 21st](#)

23rd November, Michael J. Fox Foundation

*A benefit evening for The Michael J. Fox Foundation for Parkinson's Research Hosted by Denis Leary with a Musical Performance by Gregg Allman What: A benefit evening of comedy and music to*

<a href="#">Distinguished Executive Joins New York Blood Center Board of Trustees</a>	23rd November, 2009	New York Blood Center	<i>Business and IT Executive Harriet Edelman Joins Board NEW YORK, Nov. 23 /PRNewswire-USNewswire/ -- New York Blood Center (NYBC), which provides lifesaving blood, transfusion products and medical</i>
<a href="#">Visage Imaging(R) Wins \$1.4 Million Lake Imaging Deal With Visage(R) 7 Enterprise Solution</a>	23rd November, 2009	Visage Imaging Inc.	<i>ANDOVER, Mass., Nov. 23 /PRNewswire-FirstCall/ -- Visage ImagingÂ® Inc., a wholly owned subsidiary of Pro Medicus Ltd. (ASX: PME) announced today a signed deal to provide Lake Imaging, one of BURNABY, BC, Nov. 23</i>
<a href="#">Inimex Announces Appointment of New CEO</a>	23rd November, 2009	Inimex Pharmaceuticals Inc.	<i>/PRNewswire/ - Inimex Pharmaceuticals, Inc. announced today that it has appointed Michael J. Abrams, Ph.D as its President and CEO. Abrams brings more than 25 years of drug</i>
<a href="#">Raptor Pharmaceutical Completes DR Cysteamine Phase 2b Clinical Trial in Cystinosis</a>	23rd November, 2009		<i>NOVATO, California, November 23 /PRNewswire/ -- Raptor Pharmaceutical Corp. ("Raptor" or the "Company") (Nasdaq: RPTP), today announced results from a Phase 2b clinical trial of</i>

**BioNews Results for John Innes Centre**



- [Key Seed Size Gene Identified](#)  
*Science Daily: Nov 13 2009 1:36AM Matching: john innes centre*
- [Key seed size gene identified](#)  
*Farm Business: Nov 10 2009 9:03AM Matching: john innes centre*
- [Gene discovery could unlock plant potential](#)  
*Farmers Weekly Interactive: Nov 10 2009 7:59PM Matching: john innes centre*
- [Key seed size gene identified](#)  
*Media Newswire: Nov 9 2009 3:48AM Matching: john innes centre*

## John Innes Centre Patents:



- 6399382- [Recombinant production of novel polyketides](#)
- 5962290- [Recombinant production of novel polyketides](#)

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