

CIIT Centers for Health Research

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The CIIT Centers for Health Research (CIIT) is a private, not-for-profit research organization created by farsighted chemical industry leaders in 1974. CIIT has been a leader for over 25 years in developing a better scientific understanding of how environmental chemicals can have an impact on human health.

Mission and Vision

CIIT's mission is to promote the use of the best possible science for human health risk assessments and to enhance public health through the conduct of leading-edge, interdisciplinary research that elucidates the mechanisms of action of chemicals on biological systems. CIIT's vision is to be recognized worldwide as a preeminent human health sciences research institute.

Recent Publications by CIIT Centers for Health Research:



- [Reverse dosimetry: interpreting trihalomethanes biomonitoring data using physiologically based pharmacokinetic modeling.](#)
Biomonitoring data provide evidence of exposure of environmental chemicals... 27th February, 2008
CIIT Centers for Health Research, Center for Human Health Assessment, 6- J Expo Sci Environ Epidemiol. 2007 Nov;17(7):591-603. Epub 2006 Nov 15. ([DOI Direct Link](#))
- [Preliminary investigation of changes in the sexually dimorphic nucleus of the rat medial preoptic area following prenatal exposure to fenitrothion.](#)
In vitro, the organophosphate insecticide fenitrothion is a potent... 14th December, 2007
CIIT Centers for Health Research, The Hamner Institutes for Health- J Appl Toxicol. 2007 Nov-Dec;27(6):631-6. ([DOI Direct Link](#))
- [Basal ganglia neurotransmitter concentrations in rhesus monkeys following subchronic manganese sulfate inhalation.](#)

- BACKGROUND: Manganese neurotoxicity in humans is recognized as a form of...* 7th December, 2007
 CIIT Centers for Health Research, The Hamner Institutes for Health- Am J Ind Med. 2007
 Oct;50(10):772-8. ([DOI Direct Link](#))
- [Research toward the development of a biologically based dose response assessment for inorganic arsenic carcinogenicity: a progress report.](#)
Cancer risk assessments for inorganic arsenic have been based on human... 29th September, 2007
 CIIT Centers for Health Research, Research Triangle Park, NC 27709, USA.- Toxicol Appl Pharmacol. 2007 Aug 1;222(3):388-98. Epub 2007 Mar 30. ([DOI Direct Link](#))
 - [Evaluating transport of manganese from olfactory mucosa to striatum by pharmacokinetic modeling.](#)
Increased brain manganese (Mn) following inhalation can result from direct... 7th August, 2007
 CIIT Centers for Health Research, Research Triangle Park, NC 27709, USA.- Toxicol Sci. 2007 Jun;97(2):265-78. Epub 2007 Mar 19. ([DOI Direct Link](#))
 - [Dose response relationship in anti-stress gene regulatory networks.](#)
To maintain a stable intracellular environment, cells utilize complex and... 20th June, 2007
 Division of Computational Biology, CIIT Centers for Health Research,- PLoS Comput Biol. 2007 Mar 2;3(3):e24. Epub 2006 Dec 22. ([DOI Direct Link](#))
 - [Inhibition and recovery of maternal and foetal cholinesterase enzymes following fenitrothion administration in CD rats.](#)
The purpose of this study was to characterize tissue esterase activity and... 22nd May, 2007
 CIIT Centers for Health Research, Research Triangle Park, NC 27709, USA.- Xenobiotica. 2007 Jan;37(1):19-29. ([DOI Direct Link](#))
 - [Perchlorate and radioiodide kinetics across life stages in the human: using PBPK models to predict dosimetry and thyroid inhibition and sensitive subpopulations based on developmental stage.](#)
Perchlorate (ClO₄⁻) is a drinking-water contaminant, known to disrupt... 16th May, 2007
 CIIT Centers for Health Research, Research Triangle Park, North Carolina- J Toxicol Environ Health A. 2007 Mar 1;70(5):408-28. ([DOI Direct Link](#))
 - [Lung fibrotic responses to particle exposure.](#)
Particles generated from numerous anthropogenic sources have the potential... 18th April, 2007
 Respiratory Biology Program, Division of Biological Sciences, CIIT Centers- Toxicol Pathol. 2007;35(1):148-53. ([DOI Direct Link](#))
 - [Inhalation exposure systems: design, methods and operation.](#)
The respiratory system, the major route for entry of oxygen into the body,... 18th April, 2007
 CIIT Centers for Health Research, Research Triangle Park, NC 27709, USA.- Toxicol Pathol. 2007;35(1):3-14. ([DOI Direct Link](#))
 - [Differential disruption of nuclear volume and neuronal phenotype in the preoptic area by neonatal exposure to genistein and bisphenol-A.](#)
Changes in the volumes of sexually dimorphic brain nuclei are often used... 10th April, 2007
 CIIT Centers for Health Research, 6 Davis Drive, RTP, NC 27709, United- Neurotoxicology. 2007 Jan;28(1):1-12. Epub 2006 Oct 17. ([DOI Direct Link](#))
 - [A comparison of transcriptomic and metabonomic technologies for identifying biomarkers predictive of two-year rodent cancer bioassays.](#)
Two-year rodent bioassays play a central role in evaluating the... 31st March, 2007
 CIIT Centers for Health Research, Research Triangle Park, North Carolina- Toxicol Sci. 2007 Mar;96(1):40-6. Epub 2006 Nov 17. ([DOI Direct Link](#))
 - [Genome-wide analysis of human HSF1 signaling reveals a transcriptional program linked to cellular adaptation and survival.](#)
Although HSF1 plays an important role in the cellular response to... 3rd March, 2007
 CIIT Centers for Health Research, 6 Davis Drive, Research Triangle Park,- Mol Biosyst. 2006 Dec;2(12):627-39. Epub 2006 Jun 23. ([DOI Direct Link](#))
 - [Dosimetry counts: molecular hypersensitivity may not drive pulmonary hyperresponsiveness.](#)
Airway hyperresponsiveness is one measure of allergic asthma. One such... 9th February, 2007
 CIIT Centers for Health Research, Research Triangle Park, North Carolina- J Aerosol Med. 2006 Winter;19(4):555-64. ([DOI Direct Link](#))

Press Releases on CIIT Centers for Health Research:

FDA's Woodcock Discusses Pain Management and Drug Safety in Nov. 26, 2009 Issue of The New England Journal of Medicine	25th November, 2009	U.S. Food and Drug Administration	SILVER SPRING, Md., Nov. 25 /PRNewswire-USNewswire/ -- An article by Janet Woodcock, M.D., director of the FDA's Center for Drug Evaluation and Research, titled "A Difficult Balance - Pain
SCAN Employees and Community Volunteers to Help Deliver One Thousand Thanksgiving Meals to Homebound Seniors	25th November, 2009	SCAN Health Plan	LONG BEACH, Calif., Nov. 25 /PRNewswire/ -- Thanksgiving meals will be delivered to approximately 1,000 homebound seniors in the greater Long Beach area thanks to Faith In Action/Volunteer Action for
North Carolina-based Cnanoz Unveils NanoPure(TM) to Government Leaders in Hyderabad, India	25th November, 2009	Cnanoz Inc.	DURHAM, N.C., Nov. 25 /PRNewswire/ -- Research Triangle Park-based Cnanoz Inc. unveiled the first energy-efficient, single-treatment water purification system NanoPure(TM) developed from carbon
Pharmasset Reports Fiscal Year End 2009 Financial Results	25th November, 2009	Pharmasset, Inc.	PRINCETON, N.J., Nov. 25 /PRNewswire-FirstCall/ -- Pharmasset, Inc. (Nasdaq: VRUS), a clinical stage pharmaceutical company committed to discovering, developing and commercializing novel drugs to
Sentinelle Medical Launches Aegis Suite of Oncology 4D Visualization Software with PureWeb(TM) Technology	25th November, 2009	Sentinelle Medical Inc.	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

BioNews Results for CIIT Centers for Health Research



- [Lupus Foundation of America Web Chat to Focus on Medication Adherence](#)
Pharma Live: Nov 23 2009 2:59AM Matching: centers health research
- [UA in talks with Phoenix to build \\$140M center on downtown campus](#)
San Francisco Business Times: Nov 22 2009 12:21PM Matching: centers health research
- [All Santa wants for Christmas is the H1N1 swine flu vaccine](#)
Syracuse Online: Nov 22 2009 11:42AM Matching: centers health research

- [Climate change to have a profound impact on global public health](#)
News-Medical.Net: Nov 21 2009 6:13AM Matching: centers health research
- [Study: Health IT fails to reduce healthcare costs](#)
Cardiovascular Business: Nov 21 2009 8:11PM Matching: centers health research
- [1.5M per day getting H1N1 flu vaccine in China](#)
China.com: Nov 21 2009 5:14AM Matching: centers health research
- [NIAID, NHGRI Seeking New Pathogens for Sequencing](#)
GenomeWeb: Nov 21 2009 4:49AM Matching: centers health research
- [NEJM: Bundling payments could reduce healthcare spending](#)
Cardiovascular Business: Nov 21 2009 4:18AM Matching: centers health research
- [NIH Opportunity Network to Expand Basic Behavioral and Social Sciences Research](#)
National Institutes of Health: Nov 20 2009 5:16AM Matching: centers health research
- [Medical News: U-M Opens New Research Studies For Emphysema & Other COPD](#)
BioFind: Nov 20 2009 12:57PM Matching: centers health research
- [Research Symposium Will Explore the Science of Complementary and Alternative Medicine](#)
National Institutes of Health: Nov 20 2009 5:16AM Matching: centers health research
- [Projections of savings from health IT are baseless, Harvard researchers say](#)
Genetic Engineering News: Nov 20 2009 6:20AM Matching: centers health research
- [Cancer-nuke plant link seems pretty weak](#)
Lower Hudson Online: Nov 20 2009 3:45PM Matching: centers health research
- [Increased computerization in U.S. hospitals hasn't made them cheaper or more efficient, say researchers](#)
News-Medical.Net: Nov 20 2009 9:17AM Matching: centers health research
- [Topeka, KS - Kansas State Nurses Association Honors Nursing Professor](#)
Advance for Nurses: Nov 20 2009 5:39AM Matching: centers health research

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