

## Advanced Biotechnology Center

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### Contact Details:

Viale Benedicto XV  
Genova 10

Tel: 39 10 352823  
Fax: 00 39 10 355573  
Email:

I-16132  
Italy

### Recent Publications by Advanced Biotechnology Center:



- [Pathogen specific T-lymphocytes for the reconstitution of the immunocompromised host.](#)  
*Cellular immune functions are impaired in hemopoietic stem cell and solid...6th October, 2009*  
Cellular Immunology Laboratory, Advanced Biotechnology Center, Largo Benzi- Curr Opin Immunol. 2009 Oct;21(5):549-56. Epub 2009 Sep 30. ([DOI Direct Link](#))
- [The administration of demethyl fruticulic acid from Salvia corrugata to mammalian cells lines induces "anoikis", a special form of apoptosis.](#)  
*Recently demethyl fruticulic acid was identified as the major diterpenoid...18th August, 2009*  
Stem Cell Laboratory, Advanced Biotechnology Center, Largo R. Benzi 10,- Phytomedicine. 2009 Aug 12. ([DOI Direct Link](#))
- [The plant hormone abscisic acid stimulates the proliferation of human hemopoietic progenitors through the second messenger cyclic ADP-ribose.](#)  
*Abscisic acid (ABA) is a hormone involved in pivotal physiological...14th July, 2009*  
Advanced Biotechnology Center, Genova, Italy.- Stem Cells. 2009 Oct;27(10):2469-77. ([DOI Direct Link](#))
- [Evaluation of antigen-specific T-cell responses with a miniaturized and automated method.](#)  
*The evaluation of antigen-specific T-cell responses is helpful for both...11th July, 2009*  
Laboratory of Cellular Immunology, Advanced Biotechnology Center, Largo- Clin Vaccine Immunol. 2008 Dec;15(12):1811-8. Epub 2008 Oct 22. ([DOI Direct Link](#))
- [Cyclic ADP-ribose-mediated expansion and stimulation of human mesenchymal stem cells by the plant hormone abscisic acid.](#)  
*Abscisic acid (ABA) is a phytohormone involved in fundamental processes in...2nd May, 2009*

Department of Experimental Medicine, Section of Biochemistry, Advanced- Stem Cells. 2008 Nov;26(11):2855-64. Epub 2008 Aug 7. ([DOI Direct Link](#))

- [Positive selection and expansion of cytomegalovirus-specific CD4 and CD8 T cells in sealed systems: potential applications for adoptive cellular immunoreconstitution.](#)  
*Administration of pathogen-specific T-cell lines can reconstitute the...* 13th February, 2009  
Laboratory of Cellular Immunology, Advanced Biotechnology Center, G.- J Immunother. 2008 Oct;31(8):762-70. ([DOI Direct Link](#))
- [Mesenchymal stem cells in health and disease.](#)  
*Mesenchymal stem cells (MSCs) are a heterogeneous subset of stromal stem...* 20th August, 2008  
[1] Department of Neurosciences, Ophthalmology and Genetics, University of- Nat Rev Immunol. 2008 Aug 18. ([DOI Direct Link](#))
- [High throughput functional microdissection of pathogen-specific T-cell immunity using antigen and lymphocyte arrays.](#)  
*The analysis of the human T-cell response specific for relevant pathogens...* 31st October, 2007  
Cellular Immunology Unit, Advanced Biotechnology Center, Largo Benzi 10,- J Immunol Methods. 2007 Sep 30;326(1-2):22-32. Epub 2007 Jul 18. ([DOI Direct Link](#))
- [Deformation and adhesion of elastomer poly\(dimethylsiloxane\) colloidal AFM probes.](#)  
*We report on the synthesis and characterization of elastomer colloidal AFM...* 3rd October, 2007  
Nanomed Labs, ABC-Advanced Biotechnology Center, Largo R. Benzi 10,- Langmuir. 2007 Aug 28;23(18):9293-302. Epub 2007 Jul 27. ([DOI Direct Link](#))
- [Measurement of antigen specific immune responses: 2006 update.](#)  
*Measuring antigen-specific immune responses (MASIR) is essential for basic...* 31st May, 2007  
Viral Immunology, Advanced Biotechnology Center, Largo Benzi 10, 16132- Cytometry B Clin Cytom. 2007 Mar;72(2):77-85. ([DOI Direct Link](#))
- [Ascorbic acid-pretreated quartz enhances cyclo-oxygenase-2 expression in RAW 264.7 murine macrophages.](#)  
*Exposure to quartz particles induces a pathological process named...* 7th April, 2007  
Advanced Biotechnology- FEBS J. 2007 Jan;274(1):60-73. ([DOI Direct Link](#))
- [Helper function of cytolytic lymphocytes: switching roles in the immune response.](#)  
*T helper (Th) cells and cytolytic T lymphocytes (CTL) play defined roles...* 17th February, 2007  
Advanced Biotechnology- Eur J Immunol. 2007 Jan;37(1):66-77. ([DOI Direct Link](#))
- [Human bone marrow stromal cells hamper specific interactions of CD4 and CD8 T lymphocytes with antigen-presenting cells.](#)  
*Bone marrow stromal cells (BMSCs) may inhibit T-cell functions in vitro...* 3rd February, 2007  
Advanced Biotechnology- Hum Immunol. 2006 Dec;67(12):976-85. Epub 2006 Oct 18. ([DOI Direct Link](#))
- [A sealed and unbreached system for purification, stimulation, and expansion of cytomegalovirus-specific human CD4 and CD8 T lymphocytes.](#)  
*BACKGROUND: Recent clinical trials have demonstrated the efficacy of...* 25th January, 2007  
Advanced Biotechnology- Transfusion. 2006 Dec;46(12):2053-62. ([DOI Direct Link](#))
- [In vitro cell cultures obtained from different explants of Corylus avellana produce Taxol and taxanes.](#)  
*BACKGROUND: Taxol is an effective antineoplastic agent, originally...* 11th January, 2007  
Laboratory of Plant and Pharmaceutical Biotechnology, Advanced- BMC Biotechnol. 2006 Dec 6;6:45. ([DOI Direct Link](#))

**Press Releases on Advanced Biotechnology Center:**

<a href="#">Baylor Sammons Cancer Center Joins One of Nation's Largest Cancer Clinical Trials Groups</a>	24th November, 2009	Baylor Health Care System	DALLAS, Nov. 24 /PRNewswire-USNewswire/ -- The Baylor Charles A. Sammons Cancer Center has become a full member of one of the largest cancer clinical trials cooperative groups in the United States.
<a href="#">When Holiday Meals Aren't a Gift</a>	24th November, 2009	Timberline Knolls	CHICAGO, Nov. 24 /PRNewswire/ -- The holiday season can be a time full of joy, cheer, parties and family gatherings. But for many people, especially those recovering from an eating disorder, it's
<a href="#">\$22.3 Million Verdict Rendered in Medical Negligence Lawsuit</a>	24th November, 2009	Romanucci & Blandin, LLC	CHICAGO, Nov. 24 /PRNewswire/ -- A Cook County jury late yesterday awarded the parents of a now ten-year-old boy with a \$22.3 million verdict in a medical negligence case arising out of the care and
<a href="#">Highmark Caring Place Resources Help Children and Families Who Are Grieving During the Holidays</a>	24th November, 2009	Highmark Caring Place	PITTSBURGH, Nov. 24 /PRNewswire/ -- While the holiday season often brings families and friends together to celebrate, this time of the year can be difficult for those grieving the death of a loved
<a href="#">Agito Networks Recognized in the 2009 Tech Innovators Awards Program by Everything Channel</a>	24th November, 2009	Agito Networks, Inc.	SANTA CLARA, Calif., Nov. 24 /PRNewswire/ -- Agito Networks, Inc., the company delivering innovative solutions in enterprise mobility, today announced that it was honored in the Everything Channel

## BioNews Results for Advanced Biotechnology Center



- [CORRECTED TIME: Webinar for Reporters: Pacific Rim Summit to Host Forums on Algae, Cellulosic Biofuels and Ren](#)  
*Genetic Engineering News: Nov 11 2009 6:26PM Matching: advanced biotechnology center*
- [Chairman of the Board and President Announced to Lead the North Carolina Advanced Medical Technologies Center of Innovation](#)  
*Individual.com: Nov 5 2009 6:22AM Matching: advanced biotechnology center*
- [Pacific Rim Summit Will Highlight Production of Renewable Chemicals Through Biotechnology](#)  
*Earthtimes.org: Oct 30 2009 9:02PM Matching: advanced biotechnology center*
- [Roundtable for Reporters: Possible Greenhouse Gas Emission Reductions with Biotechnology](#)  
*PharmiWeb: Oct 22 2009 4:16PM Matching: advanced biotechnology center*
- [Roundtable for Reporters: Possible Greenhouse Gas Emission Reductions with Biotechnology](#)

- Business Wire: Oct 20 2009 1:25PM Matching: advanced biotechnology center*
- [Roundtable for Reporters: Possible Greenhouse Gas Emission Reductions with Biotechnology](#)  
*FinanzNachrichten.de: Oct 20 2009 2:19PM Matching: advanced biotechnology center*
  - [Roundtable for Reporters: Possible Greenhouse Gas Emission Reductions with Biotechnology](#)  
*FinanzNachrichten.de: Oct 20 2009 2:18PM Matching: advanced biotechnology center*
  - [Roundtable for Reporters: Possible Greenhouse Gas Emission Reductions with Biotechnology](#)  
*Earthtimes.org: Oct 20 2009 2:23PM Matching: advanced biotechnology center*
  - [Roundtable for Reporters: Possible Greenhouse Gas Emission Reductions with Biotechnology](#)  
*Earthtimes.org: Oct 20 2009 2:18PM Matching: advanced biotechnology center*
  - [Three biotech firms get grants](#)  
*The Intelligencer: Oct 4 2009 3:32PM Matching: advanced biotechnology center*

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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