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**EUROTECH DATA**

**NANOTECHNOLOGY REFERENCES -  
UPDATE 2**

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and Christine Spoiden

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December 2003

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## INTRODUCTION

This document lists references on nanotechnology, based on reports compiled by Eurotech Data for Research Directorate General of the European Commission on nanotechnology subjects since 2001, and quarterly updates since mid 2003.

It is structured in the following sections:

- GENERAL SOURCES: e.g.: portals, journals, market researchers
- ORGANISATIONS IN NANOTECHNOLOGY: industry associations, R&D promotion organisations, research groups and companies doing research, companies offering nanotechnology products and investors
- OVERVIEWS OF NANOTECHNOLOGY: overview documents, such as articles introducing nanotechnology
- NANOINSTRUMENTATION AND TOOLS: nanofabrication, nanolithography, nanomicroscopy, etc.
- NANOBIO TECHNOLOGY
- NANOTECHNOLOGY FOR MEDICAL DEVICES
- NANO ELECTRONICS AND OPTICS
- NANOMATERIALS: particularly nanotubes
- NANOMACHINES
- NANOTECHNOLOGY FOR ENERGY APPLICATIONS
- NANOTECHNOLOGY FOR ENVIRONMENTAL APPLICATIONS
- PRIVATE FINANCING OF NANOTECHNOLOGY: private investment in nanotechnology
- RESEARCH: research by public and private organisations in nanotechnology
- NANOTECHNOLOGY CONCERNS: environmental, health and safety and security concerns

References in these sections are classified and ranked as follows:

- ARTICLES: articles published, ranked by author
- BOOKS: ranked by author
- COMPANIES: ranked by country then by name
- CONFERENCE PAPERS AND PROCEEDINGS: ranked by conference name, then by author
- DIRECTORIES AND REPOSITORIES: ranked by name
- INDUSTRY ASSOCIATIONS: ranked by country then by name
- INVESTORS: ranked by country then by name
- JOURNALS, NEWSLETTERS, REGULAR REPORTS: ranked by type of publication, then by name
- MARKET RESEARCHERS: ranked by name
- PRESS RELEASES: ranked by corporate source
- REPORTS: market reports and reports to government, ranked by type of report, then publisher, then title
- RESEARCH
  - RESEARCH GROUPS: homepages of research groups, centres, departments, etc., ranked by country then by name
  - BY COMPANIES: ranked by country then by name
- WEB PAGES: specific pages on the Internet
- WEBSITES: top level domains, or sections of a website offering links to subpages, ranked by name
- WHITE PAPERS: ranked by author

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References are presented based on recommendations found in:

NADJI F., BOUDIA D. Guide de rédaction des références bibliographiques [en ligne]. Villeurbanne : Doc'INSA, 2001.  
Available on : <http://csidoc.insalyon.fr/docs/refbibli.html>

For example, articles are presented as follows:

AUTHORS *Title*

Serial name, year, volume, issue number, pages

Available on : <http://xxx>

ISSN :

Notes:

- 1) Some particularly relevant references appear in more than one section.
- 2) Several references could be classified in various sections, but they appear only in one appropriate section.
- 3) For online references, no consultation date is included.
- 4) To improve readability, separate subtitles, such as NANOFABRICATION and NANOLITHOGRAPHY, are used.

In this issue, the following were added to the listing of Nanotechnology References:

1) Articles and market studies

- 103 articles
- 2 market studies

2) Organisations, journals and websites

- 21 companies
- 18 research groups
- 1 R&D promotion agency

3) New chapters

- NANOTECHNOLOGY FOR MEDICAL DEVICES
- NANOTECHNOLOGY FOR ENVIRONMENTAL APPLICATIONS

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## GENERAL SOURCES

### DIRECTORIES AND REPOSITORIES

NanoInvestorNews [Online]. NanoInvestorNews.  
Available on : <http://www.nanoinvestornews.com/>

Virtual Journal of Nanoscale Science & Technology  
Available on : <http://www.vjnano.org/>

### WEBSITES

Cordis Nanotechnology [Online]. European Union. Europe.  
Available on : <http://www.cordis.lu/nanotechnology/>

Nanoelectronics Planet [Online]. Jupitermedia Corporation.  
Available on : <http://www.nanoelectronicsplanet.com/>

Nanoforum.org - European Nanotechnology Gateway [Online]. Europe.  
Available on : <http://www.nanoforum.org/>

Nanotechnology [Online]. Zyvex. United States.  
Available on : <http://www.zyvex.com/nano/>

Nanotechnology : a definition [Online]. WhatIs.com, TechTarget.  
Available on : [http://whatis.techtarget.com/definition/0,,sid9\\_gci213444,00.html](http://whatis.techtarget.com/definition/0,,sid9_gci213444,00.html)

Nanotechnology Current Coverage [Online]. Scientific American. United States.  
Available on : <http://www.sciam.com/nanotech/>

Nanotechnology Industry [Online]. About.com, About.  
Available on : [http://logistics.about.com/library/blnanotechnology.htm?PM=ss15\\_logistics](http://logistics.about.com/library/blnanotechnology.htm?PM=ss15_logistics)

Nanotechnology Now [Online]. 7thWave.  
Available on : <http://www.nanotech-now.com/>

nanotechweb.org [Online]. IOP Publishing. United Kingdom.  
Available on : <http://www.nanotechweb.org/>

News.NanoApex [Online]. NanoApex Corp. Global.  
Available on : <http://news.nanoapex.com/>

---

## JOURNALS, NEWSLETTERS, REGULAR REPORTS

### JOURNALS

IEEE Transactions on Nanotechnology.  
Institute of Electrical and Electronic Engineers (IEEE). United States.  
Text in English. Published quarterly.  
ISSN: 1536-125X.  
See : <http://www.ieee.org/>

Journal of Nanoscience and Nanotechnology.  
American Scientific Publishers. United States.  
Text in English. Published bi-monthly.  
ISSN: 1533-4880.  
See : <http://aspbs.com/jnn/>

Micro and Nanotech Industry Review.  
Business Communications Company (BCC). United States.  
Text in English. Published yearly.  
See : <http://www.buscom.com/>

NanoLetters.  
American Chemical Society. United States.  
Text in English. Published monthly.  
ISSN: 1530-6984.  
See : <http://pubs.acs.org/nanolett>

Nanotechnology.  
Institute of Physics (IOP). United Kingdom.  
Text in English. Published bi-monthly.  
ISSN: 0957-4484.  
See : <http://www.iop.org/>

Scientific American.  
Scientific American. United States.  
Text in English. Published monthly.  
ISSN: 0036-8733.  
See : <http://www.sciam.com/nanotech/>

Small Times.  
Small Times Media LLC. United States.  
Text in English. Published bi-monthly.  
See : <http://www.smalltimes.com>

**NEWSLETTERS**

Forbes / Wolfe Nanotech Report.  
Forbes Inc. United States.  
Text in English. Published monthly.  
See : <http://www.newsletters.forbes.com/nanotech/>

High Tech Ceramics News.  
Business Communications Company (BCC). United States.  
Text in English. Published monthly.  
See : <http://www.buscom.com/letters/>

Nanoparticle News.  
Business Communications Company (BCC). United States.  
Text in English. Published monthly.  
See : <http://www.buscom.com/letters/>

Nanotech Alert.  
Technical Insight. United States.  
Text in English. Published weekly.  
See : <http://www.frost.com/>

**REGULAR REPORTS**

High Tech Ceramics Industry Review.  
Business Communications Company (BCC). United States.  
Text in English. Published yearly.  
See : <http://www.buscom.com/>

Microtechnology News.  
Business Communications Company (BCC). United States.  
Text in English. Published monthly.  
See : <http://www.buscom.com/>

Nanoparticle Industry Review.  
Business Communications Company (BCC). United States.  
Text in English. Published yearly.  
See : <http://www.buscom.com/>



## MARKET RESEARCHERS

Asian Technology Information Program (ATIP). Nanotechnology Project. Japan.

See : <http://www.atip.org/NANO/>

Business Communications Company. Nanotechnology/Advanced Materials. United States.

See : <http://www.buscom.com/>

Cientifica. Spain.

See : <http://www.cientifica.com/>

Freedonia Group. United States.

See : <http://www.freedoniagroup.com>

Front Line Strategic Consulting. United States.

See : <http://www.frontlinesmc.com/>

Fuji-Keizai. United States.

See : <http://www.fuji-keizai.com/>

Global Industry Analysts. United States.

See : <http://www.globind.com>

Institute of Nanotechnology. United Kingdom.

See : <http://www.nano.org.uk/>

Research and Consultancy Outsourcing Services - RNCOS. India.

See : <http://www.rncos.com/>

RocSearch. United Kingdom.

See : <http://www.rocsearch.com/>

Takeda Pacific. United States.

See : <http://www.takpac.com/>

Technical Insights. United States.

See : <http://www.ti.frost.com/>

## ORGANISATIONS IN NANOTECHNOLOGY

### INDUSTRY ASSOCIATIONS

European Nanobusiness Association.  
Europe (Belgium)  
Website : <http://www.nanoeurope.org/>

Nanotec IT - Centro Italiano per le Nanotecnologie.  
Italy  
Website : <http://www.nanotec.it/>

Russian Society of Scanning Probe Microscopy and Nanotechnology.  
Russia  
Website : <http://www.nanoworld.org/>

NanoSpain.  
Spain  
Website : <http://www.nanospain.net/>

Institute of Nanotechnology (ION).  
United Kingdom  
Website : <http://www.nano.org.uk/>

Foresight Institute.  
United States  
Website : <http://www.foresight.org>

NanoBusiness Alliance.  
United States  
Website : <http://nanobusiness.org/>

## R&D PROMOTION

TEKES National Technology Agency.

Finland

Website : <http://www.tekes.fi/eng/>

Observatoire des Micro et des Nano Technologies (OMNT).

France

Website : <http://www.minatec.com/>

Réseau de recherche en Micro et Nano Technologies (RMNT).

France

Website : <http://www.rmnt.org/>

CeNTech - Center for Nanotechnology.

Germany

Website : <http://www.centech.de/>

NanoBioNet : The Center of Excellence of Nanobiotechnology.

Germany

Website : <http://www.nanobionet.de/>

Irish Nanotechnology Association.

Ireland

Website : <http://www.nanotechireland.com/>

Centre of Excellence for Nanotechnology, Micro and Photonic Systems (CENAMPS).

United Kingdom

Website : <http://www.cenamaps.com/>

INEX : Nanotechnology Exploitation.

United Kingdom

Website : <http://www.inex.org.uk/>

University of Birmingham - I2 Nanotech Centre.

United Kingdom

Website : <http://www.i2nanotech.co.uk/>

National Nanotechnology Initiative (NNI).

United States

Website : <http://www.nano.gov/>

# RESEARCH

## RESEARCH GROUPS

Australian National University - Department of Electronic Materials Engineering - Research School of Physical Sciences and Engineering.

Australia

Website : <http://www.rspysse.anu.edu.au/eme/>

University of Queensland - The Nanomaterials Center (NanoMac).

Australia

Website : <http://nanomac.uq.edu.au/>

Universität Für Bodenkultur - Zentrum für Ultrastrukturforschung / University of Natural Resources and Applied Life Sciences - Center For Ultrastructure Research.

Austria

Website : <http://www.boku.ac.at>

Katholieke Universiteit Leuven, Laboratory of Solid-State Physics and Magnetism, Interdisciplinary Nanoscience Initiative Project.

Belgium

Website : <http://www.fys.kuleuven.ac.be/vsm/ini/default.htm>

Interuniversity MicroElectronics Center (IMEC) - Interuniversitair Micro-Elektronica Centrum (IMEC).

Belgium

Website : <http://www.imec.be/>

Université catholique de Louvain - CERMIN - Research Center in Micro and Nanoscopic Materials and Electronic Devices.

Belgium

Website : <http://www.cermin.ucl.ac.be/>

University of Antwerp (RUCA) - Physics Department - Centre for Electron Microscopy and Materials Science (EMAT).

Belgium

Website : <http://www.ruca.ua.ac.be/emat/>

Centre for Nanostructured Polymer Surfaces for Medical Applications.

Denmark

Roskilde University, Department of Chemistry and Life Sciences, Center for Interdisciplinary Studies of Molecular Interactions (CISMI).

Denmark

Website : <http://www.cismi.dk/>

Technical University of Denmark (DTU) - Department of Physics - STM Activities in 307 and 312.

Denmark

Website : <http://www.fysik.dtu.dk/stm/>

Laboratoire d'Analyse et d'Architecture des Systèmes (LAAS-CNRS).

France

Website : <http://www.laas.fr/>

Université de Montpellier - Groupe De Dynamique Des Phases Condensées.

France

Website : <http://www.gdpc.univ-montp2.fr>

Université Louis Pasteur (Strasbourg) - Institut de Science et d'Ingénierie Supramoléculaires.

France

Website : <http://www-isis.u-strasbg.fr/>

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Advanced Microelectronic Center Aachen (AMICA).

Germany

Website : <http://www.amo.de/amica/>

European Molecular Biology Laboratory (EMBL).

Germany

Website : <http://www.embl-heidelberg.de>

Forschungszentrum Karlsruhe - Institut für Nanotechnologie.

Germany

Website : <http://www.fzk.de/int/>

Fraunhofer Institut für Biomedizinische Technik (IBMT) - Arbeitsgruppe Nanobiotechnologie =

Fraunhofer Institute for Biomedical Engineering (IBMT) - Nanobiotechnology Group.

Germany

Website : [http://www.ibmt.fhg.de/ibmt3ambtmolekularnano\\_e.html](http://www.ibmt.fhg.de/ibmt3ambtmolekularnano_e.html)

Institut für Neue Materialien (INM) - Institute for New Materials (INM).

Germany

Website : <http://www.inm-gmbh.de/>

Institut für Physikalische Hochtechnologie, Jena / Institute for Physical High Technology (IPHT), Jena.

Germany

Website : <http://www.ipht-jena.de/indexe.html>

Institut für Röntgenphysik Göttingen.

Germany

Website : <http://www.physik.uni-goettingen.de/Studium/Werbung/Roentgen/>

Institute of Molecular Biotechnology (IMB) in Jena - Department of Single Cell and Single Molecule Techniques - Molecular Cytology Group.

Germany

Website : [http://www.imb-jena.de/www\\_elmi/](http://www.imb-jena.de/www_elmi/)

Kompetenzzentrum Nanotechnologie (CC-NanoChem) - Competence Center Nanochemistry.

Germany

Website : <http://www.cc-nanochem.de/>

Leibniz-Institute for Solid State and Materials Research Dresden.

Germany

Website : <http://www.ifw-dresden.de/>

Ludwig-Maximilians-Universität (LMU) - Center For NanoScience.

Germany

Website : <http://www.cens.de/>

Ruhr-Universität Bochum - Fakultät für Chemie - Bioorganische u. supramolekulare Chemie - Prof. Dr. Günter von Kiedrowski / Ruhr-Universität Bochum - Faculty of Chemistry - Bioorganic and Supramolecular Chemistry - Group of Professor Günter von Kiedrowski.

Germany

Website : <http://p6-1.orch.ruhr-uni-bochum.de/kiedrowski/>

Technische Universität Berlin - NanOp - Competence Centre for the Application of Nanostructures in Optoelectronics.

Germany

Website : <http://www.nanop.de/>

Technische Universität Dresden - Nanostrukturierte Funktionselemente in makroskopischen Systemen / Dresden University of Technology - Nanostructured Functional Elements In Macroscopic Systems Group.

Germany

Website : <http://141.30.87.40/papers/nano/>

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Universität Bremen - Zentrum für Umweltforschung und Umwelttechnologie (UFT) - Abteilung der Biotechnologie und Molekulare Genetik / University of Bremen - Centre for Environmental Research and Environmental Technology - Department of Biotechnology and Molecular Genetics.

Germany

Website : <http://www.uft.uni-bremen.de/biotech>

University of Münster - Interface Physics Group.

Germany

Website : <http://www.uni-muenster.de/Physik/PI/Fuchs>

Hong Kong University of Science and Technology - Institute of Nanomaterials and Nanotechnology.

Hong Kong

Website : <http://inst.phys.ust.hk/>

Microelectronics Research Centre (NMRC).

Ireland

Website : <http://www.nmrc.ie/>

Trinity College - Physics Department.

Ireland

Website : [http://www.tcd.ie/Materials\\_Ireland](http://www.tcd.ie/Materials_Ireland)

Millennium Research for Advanced Information Technology (MIRAI) project.

Japan

Website : <http://www.miraipj.jp/en/project/>

Nagoya Institute of Technology - Research Center for Micro-Structure Devices.

Japan

Website : [http://www.nitech.ac.jp/engl\\_inf/index\\_e.html](http://www.nitech.ac.jp/engl_inf/index_e.html)

National Institute of Advanced Industrial Science and Technology (AIST) - Nanoelectronics Research Institute (NeRI).

Japan

Website : <http://unit.aist.go.jp/nano-ele/English/index-eng.html>

Delft University of Technology - Delft Institute of Microelectronics and Submicron Technology (DIMES).

Netherlands

Website : <http://www.dimes.tudelft.nl>

Delft University of Technology - Faculty of Applied Sciences - Department of NanoScience.

Netherlands

Website : <http://www.ns.tudelft.nl>

Eindhoven University of Technology - Center for NanoMaterials.

Netherlands

Website : <http://www.cnm.tue.nl/>

Institute of Atomic and Molecular Physics (AMOLF/FOM).

Netherlands

Website : <http://www.amolf.nl/research/nanofabrication/>

Leiden University - The Leiden Institute of Chemistry - MetProt group.

Netherlands

Website : <http://wwwchem.leidenuniv.nl/metprot/>

University of Groningen - Department of Organic and Molecular Inorganic Chemistry- Prof. B.L. Feringa.

Netherlands

Website : <http://www.chem.rug.nl/feringa/>

University of Twente - Faculty Science & Technology - Biophysical Engineering group.

Netherlands

Website : <http://www.tn.utwente.nl/bft>

University of Twente - Nanolink(Mesa+).

Netherlands

Website : <http://www.mesaplus.utwente.nl/nanolink/>

National Consortium for Research within Functional Materials and Nanotechnology (FUNMAT) - Strategisk samarbeid og nasjonal satsing innen funksjonelle materialer (FUNMAT).

Norway

Website : <http://www.funmat.no/english/eu.html>

A\*Star - Agency for Science, Technology and Research.

Singapore

Website : <http://www.a-star.edu.sg>

Institute of Materials Research and Engineering (IMRE).

Singapore

Website : <http://www.imre.org.sg/>

Linköping University - Scanning Probe Microscopy.

Sweden

Website : <http://www.ifm.liu.se/Applphys/spm/>

Royal Institute of Technology - Department of Physics - Biomedical and X-Ray Physics.

Sweden

Website : <http://www.biox.kth.se/Research/Xmic/>

Stockholm University - Department of Inorganic Chemistry - Sol-Gel Group.

Sweden

Website : <http://www.fos.su.se/~gw/>

Ecole Polytechnique Fédérale de Lausanne, Center of Micro- Nano- Technology (CMI).

Switzerland

Website : <http://cmi.epfl.ch/>

Paul Scherrer Institut - Laboratory for Micro- and Nanotechnology - Laboratory for Micro- and Nanotechnology - PSI.

Switzerland

Website : <http://lmn.web.psi.ch/>

Swiss Federal Institute of Technology Zurich - Department of Mechanical and Process Engineering - Nanotechnology Group / Eidgenössische Technische Hochschule Zürich ETH Zurich - Departement Maschinenbau und Verfahrenstechnik - Nanotechnik.

Switzerland

Website : <http://www.nanotechnology.ethz.ch>

Université de Fribourg.

Switzerland

Website : <http://www.unifr.ch>

Industrial Technology Research Institute.

Taiwan

Website : <http://www.itri.org.tw/>

Cranfield University - School of Industrial & Manufacturing Science.

United Kingdom

Website : <http://www.cranfield.ac.uk/sims/materials/nanotech>

Dartmouth College - Dartmouth Molecular Materials Group.

United Kingdom

Website : <http://www.dartmouth.edu/~dmmg/>

Imperial College of Science, Technology and Medicine - Doctor Gianfranco Gilardi's Team.

United Kingdom

Website : <http://www.bio.ic.ac.uk/research/gilardi/HOME.htm>

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Interdisciplinary Research Collaboration in Nanotechnology.

United Kingdom

Website : <http://www.nanoscience.cam.ac.uk>

London Centre for Nanotechnology (LCN).

United Kingdom

Website : <http://www.london-nano.ucl.ac.uk/>

Nottingham Trent University - School of Engineering - Division of Mechanical and Manufacturing Engineering - The Polymer Engineering Centre.

United Kingdom

Website : <http://www.domme.ntu.ac.uk/pec/>

University of Bristol - Department of Physics - Polymer Group - Scanning Probe Microscopy group.

United Kingdom

Website : <http://spm.phy.bris.ac.uk>

University of Cambridge – Cambridge University Engineering Department - Nanoscale Science Laboratory.

United Kingdom

Website : <http://www-g.eng.cam.ac.uk/nano/>

University of Cranfield - Institute of BioScience and Technology (IBST) - Cranfield Biotechnology Centre.

United Kingdom

Website : <http://www.cranfield.ac.uk/biotech/>

University of Cranfield - Institute of BioScience and Technology (IBST) - Cranfield Centre for Supramolecular Technology (CCST).

United Kingdom

Website : <http://www.cranfield.ac.uk/ibst/ccst/>

University of Leeds - Centre for Self-Organising Molecular Systems.

United Kingdom

Website : <http://www.chem.leeds.ac.uk/SOMS/>

University of Leeds - School of Mathematics - Centre for Nano-Device Modelling.

United Kingdom

Website : <http://www.amsta.leeds.ac.uk/cndm/>

University Of Liverpool - The Centre for Nanoscale Science.

United Kingdom

Website : <http://www.liv.ac.uk/www/nano/>

University of Manchester - Manchester Centre for Mesoscience & Nanotechnology.

United Kingdom

Website : <http://www.cs.man.ac.uk/nanotechnology/>

University of Newcastle - Institute for Nanoscale Science & Technology (INSAT).

United Kingdom

Website : <http://nanocentre.ncl.ac.uk/>

University of Oxford - Bio-Nanotechnology Interdisciplinary Research Centre (IRC).

United Kingdom

University of Oxford - Department of Physics - The Rotary Molecular Motors Group.

United Kingdom

Website : <http://www.physics.ox.ac.uk/biophysics/>

University Of Sussex - Protein Design Group.

United Kingdom

Website : <http://www.biols.susx.ac.uk/Biochem/Woolfson/html/>



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Arizona State University - Department of Chemistry and Biochemistry.  
United States  
Website : <http://photoscience.la.asu.edu/bionano/index.htm>

California NanoSystems Institute.  
United States  
Website : <http://www.cnsi-uc.org/>

Center for Nanoscience Innovation for Defense.  
United States

Centre for Applied Microtechnology - Soft Lithography at UW/WTC.  
United States  
Website : <http://www.engr.washington.edu/~cam/CAMsoftlithhome.html>

Cornell University - Nanobiotechnology Center (NBTC).  
United States  
Website : <http://www.nbtc.cornell.edu>

Department of Energy - Office of Science - Center for Integrated Nanotechnologies (CINT).  
United States  
Website : <http://cint.lanl.gov/>

Duke University - Department of Computer Science - Professor John Reif's Team.  
United States  
Website : <http://www.cs.duke.edu/~reif/>

Harvard University - Chemistry and Chemical Biology.  
United States  
Website : <http://www.magic.harvard.edu/index.html>

Institute For Molecular Manufacturing (IMM).  
United States  
Website : <http://www.imm.org/>

Lawrence Berkeley National Laboratory (LBNL) - Material Science Division - Center for X-ray Optics (CXRO).  
United States  
Website : <http://www-cxro.lbl.gov/>

Massachusetts Institute of Technology (MIT) - Department of Biology - Center for Biomedical Engineering - Laboratory of Molecular Self-Assembly.  
United States  
Website : <http://web.mit.edu/lms/www/>

Massachusetts Institute of Technology (MIT) - Institute for Soldier Nanotechnologies (ISN).  
United States  
Website : <http://web.mit.edu/isn/>

Massachusetts Institute of Technology (MIT).  
United States  
Website : <http://www.mit.edu>

Materials Research Society.  
United States  
Website : <http://www.mrs.org/>

National Aeronautics and Space Administration (NASA) - Ames Center for Nanotechnology.  
United States  
Website : <http://www.ipt.arc.nasa.gov/>

National Aeronautics and Space Administration (NASA) - NASA-JSC Area Nanotechnology Study Group.  
United States  
Website : <http://amtexpo.com/nano/>

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New York University - Department of Chemistry - Biomolecular Chemistry Division - Professor Nadrian C. Seeman's Team.

United States

Website : <http://www.nyu.edu/pages/chemistry/Faculty/seeman.html>

North Carolina Center for Nanoscale Materials - Department of Physics and Astronomy.

United States

Website : <http://www.physics.unc.edu>

Northwestern University - Department of Mechanical Engineering.

United States

Website : <http://www.mech.nwu.edu/ruoff>

Northwestern University - Institute for Nanotechnology.

United States

Website : <http://www.nanotechnology.northwestern.edu/>

Pacific Northwest National Laboratory - Nano Science, Engineering And Technology (NSET).

United States

Website : <http://www.pnl.gov/nano>

Pennsylvania State University - Center for Molecular Nanofabrication and Devices (CMND).

United States

Website : <http://www.cmnd.psu.edu/>

Pennsylvania State University - Department of Physics.

United States

Website : <http://www.phys.psu.edu/faculty>

Purdue University - Department of Biomedical Engineering - Professor R. Bashir's Team.

United States

Website : <http://dynamo.ecn.purdue.edu/~bashir/>

Rensselaer Polytechnic Institute - Rensselaer Nanotechnology Center.

United States

Website : <http://www.rpi.edu/dept/research/centers/nanotech.html>

Rice University - Center For Biological And Environmental Nanotechnology (CBEN).

United States

Website : <http://www.ruf.rice.edu/~cben/>

Rice University - Center for Nanoscale Science and Technology (CNST).

United States

Website : <http://cnst.rice.edu/>

Sandia National Laboratories - Nanoscience & Nanotechnology .

United States

Website : <http://nano.sandia.gov/>

Stanford University - Quate Group.

United States

Website : [http://www.stanford.edu/group/quate\\_group/](http://www.stanford.edu/group/quate_group/)

University of California at Berkeley - Department of Chemistry - and Lawrence Berkeley National Laboratory - Professor Paul Alivisatos' Team.

United States

Website : <http://www.cchem.berkeley.edu/~pagrp/>

University of California at Berkeley - Department of Physics.

United States

Website : <http://www.physics.berkeley.edu>

University of Florida - Institute for Nanoscience and Nanotechnology.

United States

Website : <http://www.ufl.edu/>

University of Illinois at Urbana-Champaign - Beckman Institute for Advanced Science and Technology - Molecular and Electronic Nanostructures.

United States

Website : <http://www.beckman.uiuc.edu/research/menhome.html>

University of Kentucky - Advanced Carbon Materials Center.

United States

Website : <http://www.uky.edu>

University of Michigan - Center for Biologic Technology.

United States

Website : <http://nano.med.umich.edu/>

University of North Carolina - Department of Physics and Astronomy.

United States

Website : <http://www.physics.unc.edu>

University of Notre Dame - Center of Excellence in Nano Science and Technology.

United States

Website : <http://www.nd.edu/~ndnano/>

University of Washington - Department of Physics - Experimental Condensed Matter Group.

United States

Website : <http://www.phys.washington.edu/~seidler/cmexp.html>

University of Washington - Center for Nanotechnology.

United States

Website : <http://www.nano.washington.edu/>

University of Wisconsin-Madison (UW-Madison) - Center for Nanotechnology (CNTech).

United States

Website : <http://www.xraylith.wisc.edu/>

Wayne State University - NanoBioScience Institute.

United States

Website : <http://www.med.wayne.edu/nanobioscience/>

## BY COMPANIES

Fujitsu.

Japan

Website : <http://www.fujitsu.com>

Mitsubishi.

Japan

Website : <http://www.mitsubishi.com>

Mitsui & Co.

Japan

Website : <http://www.mitsui.co.jp>

Nikon.

Japan

Website : <http://www.nikon.co.jp/>

Selete - Semiconductor Leading Edge Technologies.

Japan

Website : <http://www.selete.co.jp/>

Ulvac.

Japan

Website : <http://www.ulvac.co.jp>

IBM Zurich Research Laboratory - High-resolution soft lithography.

Switzerland

Website : <http://www.zurich.ibm.com/st/microcontact/highres/>

IBM Zurich Research Laboratory - Nanoscale science.

Switzerland

Website : <http://www.zurich.ibm.com/st/nanoscience/>

Bell Labs.

United States

Website : <http://www.bell-labs.com>

Kuraray Research and Technical Center.

United States/Japan

Website : <http://www.kuraray.co.jp/>

IBM Almaden Research Center.

United States

Website : <http://www.almaden.ibm.com/st/disciplines/nanoscale/>

IBM.

United States

Website : <http://www.ibm.com>

Molecular Nanosystems.

United States

Website : <http://www.monano.com>

Zyvex.

United States

Website : <http://www.zyvex.com/>

# COMPANIES

## LISTINGS

Nanotechnology Now : Nanotechnology Business Programs - Sorted by Location [Online].

Available on : <http://www.nanotech-now.com/business-by-location.htm>

## SPECIFIC COMPANIES

Ionen Mikrofabrikations Systeme (IMS).

Austria

Website : <http://www.ims.co.at/>

electron and ion beam technologies and services for the semiconductor industry and for micro and nanotechnology

MIV Therapeutics.

Canada

Website : <http://www.mivtherapeutics.com/>

next generation line of advanced biocompatible coatings for stents and for stent drug delivery systems with a focus on providing solutions for the treatment of cardiovascular disease and restenosis (the re-blockage of the arteries)

Rosseter Holdings.

Cyprus

Website : <http://www.e-nanoscience.com>

large-scale production of carbon nanotubes and related materials

Anatomics.

Denmark

Website : <http://www.atomics.dk/>

nano mechanical diagnostic technologies; biosensor, biochip

Danish Micro Engineering (DME).

Denmark

Website : <http://www.dme-spm.dk/>

scanning probe microscopes: atomic force microscopes, scanning near-field optical microscopes and scanning tunnelling microscopes

Image Metrology.

Denmark

Website : <http://www.imagemet.com/>

scanning probe image processor software

MikroMasch.

Estonia

Website : <http://www.spmtips.com/>

supplier of Silicon-MDT scanning probe microscopy cantilevers and test structures

Eurodia.

France

Website : <http://www.eurodia.com>

nanofiltration

iNanov.

France

Website : <http://www.inanov.fr/>

carbon nanotube composites for flexible, tactile digital screen applications

Motorola.

France

Website : <http://www.motorola.com/>

silicon nanocrystal (quantum dot) floating gate memory device; carbon nanotubes for flat panel displays

Nanoledge.

France

Website : <http://www.nanoledge.com>

carbon nanotubes, carbon nanotube fibres, composite material development

Anfatec.

Germany

Website : <http://www.anfatec.de/>

scanning tunnelling microscope and atomic force microscope systems and accessories

Atomic Force F&E GmbH.

Germany

Website : <http://www.af-fe.de/>

distributor of atomic force and other microscopy products

BASF.

Germany

Website : <http://www.basf.com/>

developing nanomaterials such as: colorants without dyes, non-colour-leaching plastic bags, hydrogen storage "nanocubes" for fuel cells, scratch-resistant polymers (nanocoatings), synthetic tooth enamel and superinsulators for electronic applications; R&D on new nanomaterials, as well as composites that use nanomaterials including DNA-nanotube hybrids in sensors for medical diagnostics and switches in molecular electronic devices; sales of polymer dispersions for applications including paper coatings, adhesive raw materials, and carpet binders.

Capsulation Nanoscience.

Germany

Website : <http://www.capsulation.com/>

layer-by-layer encapsulation method allowing the manufacture of extremely precise nano- and micron-sized capsules suitable for a suit a variety of pharmaceutical and non-pharmaceutical purposes

Carl Zeiss Group.

Germany

Website : <http://www.zeiss.de/>

Laser scanning microscopes

Degussa.

Germany

Website : <http://www.degussa.com/>

nano-scaled powders and systems including: indium tin oxide (ITO), zinc oxide, ceria, and various composites for: UV-protection & transparency, IR-absorption & transparency, conductivity & transparency, enhanced catalytic activity, high-performance polishing material, magnetically active material

Halcyonics.

Germany

Website : <http://www.halcyonics.de/>

vibration reduction/control systems for electron microscopy

Infineon.

Germany

Website : <http://www.infineon.de/>

two R&D departments - NanoProcesses and NanoDevices - that work on nanotech-oriented products and processes for semiconductors; working on integrating carbon nanotubes into its existing chip manufacturing process

JPK Instruments.

Germany

Website : <http://www.jpk-instruments.de/>

atomic force microscopes, scanning near-field optical microscopes and accessories

Kleindiek Nanotechnik.

Germany

Website : <http://www.nanotechnik.com/>

high precision micro and nano positioning devices; mini scanning tunnelling microscope

**Klocke Nanotechnik.**

Germany

Website : <http://www.klocke-nanotechnik.de/>

nanomanipulators; mini scanning tunneling microscope; positioning devices for nanotechnology instruments

**Leica Microsystems.**

Germany

Website : <http://www.leica-microsystems.com/>

high-resolution gaussian beam system for advanced nanolithography applications; high current density thermal field emission electron gun system for production lithography

**Nanoscape.**

Germany

Website : <http://www.nanoscape.de/>

nanostructured meso- and microporous materials, nanocrystalline inorganic oxides, nanostructured carbon the development of their industrial applications

**Nanosensors.**

Germany

Website : <http://www.nanosensors.com/>

scanning probes for scanning probe microscopy: non-contact / tapping mode, lateral / friction force, force modulation, electrostatic force, magnetic force

**NanoTOOLS.**

Germany

Website : <http://www.nano-tools.com/>

high density carbon scanning probes for atomic force microscopy: universal, metrology, super-long, lithography, nano-indenter, ball

**Omicron Nanotechnology.**

Germany

Website : <http://www.omicron.de/>

surface science scanning probe microscopes and systems, ultra-high vacuum scanning probe microscopes, scanning near-field optical microscopes; other instruments

**Physik Instrumente (PI).**

Germany

Website : <http://www.physikinstrumente.com/>

NanoAutomation, Piezo Technology, NanoPositioning

**Surface Imaging Systems (SIS).**

Germany

Website : <http://www.sis-gmbh.com/>

atomic force and scanning probe microscopes offering all modes whose size takes up the same space as a normal microscope optical objective; complete systems; control electronics

**Triple-O Microscopy.**

Germany

Website : <http://www.triple-o.de/>

scanning near-field optical microscopes, atomic force microscopes, probes

**WITec.**

Germany

Website : <http://www.witec.de/>

near-field scanning optical microscopes, confocal Raman microscopes, atomic force microscopes, scanning probe microscopes, pulsed force mode

**Nanonics.**

Israel

Website : <http://www.nanonics.co.il/>

near-field scanning optical microscope and scanning probe/atomic force microscope systems and accessories; nanoprobe

Canon.

Japan

Website : <http://www.canon.com/>

Devices from nanoscale pores and needle shaped crystals; application include semiconductor lithography, high-density magnetic recording, dye-sensitized solar cells, ultrafine particles for ink, advanced displays, nanotechnology for optical-printing materials

JEOL.

Japan

Website : <http://www.jeol.com>

scanning electron microscopes, Auger microprobes, electron probe microanalyzer, scanning probe microscope, transmission electron microscope and electron beam lithography systems

Matsushita Electrical Industrial.

Japan

Website : <http://www.matsushita.co.jp/>

develop, manufacture and market biological detection equipment based on Quantum Dot technology for applications such as disease research, drug development and diagnosis

NanoCarrier.

Japan

Website : <http://www.nanocarrier.co.jp/>

polymeric micelle nanoparticles used in the drug delivery system

NEC.

Japan

Website : <http://www.nec.co.jp>

developed electrodes made of carbon nanohorn for small, long-lasting fuel cell for mobile PCs

Nikkiso.

Japan

Website : <http://www.nikkiso.co.jp>

fluid control technique for continuous manufacture of nanotubes; research

Olympus.

Japan

Website : <http://www.olympus.co.jp/probe/>

micro cantilever for scanning probe microscopy

Shimadzu.

Japan

Website : <http://www.shimadzu.com/>

scanning probe and scanning electron microscopes

Showa Denko.

Japan

Website : <http://www.sdk.co.jp>

vapor-grown carbon nanofiber production; very-fine-particle ultraviolet shielding materials

Sigma Koki.

Japan

Website : <http://www.sigma-koki.com/>

Nanopositioning and angle control devices for precision measurement

Toboyo.

Japan

Website : <http://www.toyobo.co.jp/>

porous membranes with micropores; ion-exchange membrane, for use in polymer electrolyte fuel cells

ASML.

Netherlands

Website : <http://www.asml.com/>

lithography: 157 nm technology



Independent Research Engineering Group.

Russia

Website : <http://www.mtu-net.ru/nanoscan/>

scanning force microscope for surface investigations and hardness measurements of superhard materials and films (coatings)

NT-MDT.

Russia

Website : <http://www.ntmdt.ru/>

scanning probe microscopes, scanning confocal microscopes, controllers, and accessories

Silicon MDT.

Russia

Website : <http://www.siliconmdt.com/>

manufacturer of standard and customised silicon cantilevers and calibration gratings for scanning probe microscopy; supplier of standard products is MikroMasch

NanoMaterials Technology.

Singapore

Website : <http://www.nanomt.com>

nanomaterials for the pharmaceutical, electronics and opto-electronic industries

Nanotec Electronica.

Spain

Website : <http://www.nanotec.es/>

scanning probe microscopes

Nanofactory.

Sweden

Website : <http://www.nanofactory.com/>

develops and manufactures unique transmission electron microscopy holders for in situ probing of electrical and mechanical properties: a scanning tunneling microscope for in situ electrical probing; an atomic force microscope for in situ mechanical probing; a tool for in situ dynamic nanoindentation studies

Centre Suisse d'Electronique et de Microtechnique (CSEM).

Switzerland

Website : <http://www.csem.ch/>

nanosubstructuring, nanoscale optics, nanoparticles, nanocomposites, nanolayered thin films, in-process structured materials

Nanosurf.

Switzerland

Website : <http://www.nanosurf.com/>

dynamic force microscopes, scanning tunneling microscopes, atomic force microscopes; digital FM detector

NanoWorld.

Switzerland

Website : <http://www.nanoworld.com/>

scanning point probes for atomic force microscopy; arrow sensor probe is designed for easy tip positioning and high resolution imaging (contact, non-contact/tapping mode, force modulation modes)

Infinitesima.

United Kingdom

Website : <http://www.infinitesima.com/>

atomic force microscope cantilever control device and video rate scanning near-field optical microscope

Leo Electron Microscopy.

United Kingdom

Website : <http://www.leo-em.co.uk/>

scanning electron microscopes; transmission electron microscopes

**QinetiQ Nanomaterials.**

United Kingdom

Website : <http://www.nano.qinetiq.com/>

bulk nanomaterials production process for metals, oxides, and other specialist materials

**Advanced Magnetics.**

United States

Website : <http://www.advancedmagnetics.com/>

Advanced Magnetics Inc is a developer of superparamagnetic iron oxide nanoparticles used in pharmaceutical products and is dedicated to the development and commercialisation of its proprietary nanoparticle technology for use in therapeutic iron compounds, as well as novel imaging agents to aid in the diagnosis of cardiovascular disease and cancer.

**Altair Nanomaterials.**

United States

Website : <http://www.altairnano.com/>

process for making nanocrystalline materials; nano-sized TiO<sub>2</sub>/anatase, Zirconia and other particles, mainly oxides; applications in pharmaceuticals, environmental remediation, advanced batteries, fuel cells and thermal spray coatings; research & development and manufacturing

**Applied Sciences.**

United States

Website : <http://www.apsci.com>

vapor grown carbon nanofiber and composites; high performance (eg. electrical and electronic) and reinforcement (eg. tyres) applications

**Asylum Research.**

United States

Website : <http://www.asylumresearch.com/>

molecular force probe atomic force microscope; nanopositioning system

**BioDelivery Sciences International.**

United States

Website : <http://www.biodeliverysciences.com/>

The Bioral(TM) delivery technology consists of nanocochleates which are nanocrystalline delivery vehicles made from all-natural components: soy-derived phospholipid and calcium.

**BioForce Nanosciences.**

United States

Website : <http://www.bioforcelab.com/>

ultra-miniaturized nanoarray technologies for solid-phase, high-throughput biomolecular analysis applied to protein-protein interaction profiling (proteomics), disease identification (diagnostics), as well as drug and gene therapy development (therapeutics); AFM probes, premium grade V-1 muscovite mica, Tungsten microspheres, UV- TipCleaner

**BioSante.**

United States

Website : <http://www.biosantepharma.com/>

calcium phosphate nanoparticles, vehicles for delivering drugs and vaccines and enhancing the effects of vaccines (adjuvants)

**Cabot.**

United States

Website : <http://w1.cabot-corp.com/>

fine particles or fine porous media; Nanogel® aerogels: hydrophobic silica particles

**Carbolex.**

United States

Website : <http://www.carbolex.com>

single-wall carbon nanotubes

**Carbon Nanotechnologies.**

United States

Website : <http://www.cnanotech.com>

single-wall carbon nanotubes

Copernicus Therapeutics.

United States

Website : <http://www.cgsys.com/>

DNA nanoparticle technologies to produce DNA drugs

DuPont.

United States

Website : <http://www.dupont.com/>

titanium dioxide nanopowders; laser-oven nanoytube production of field emission flat panel displays; DNA method to sort carbon nanotubes by conductivity

DuPont AirProducts NanoMaterials.

United States

Website : <http://www.nanoslurry.com/>

chemical mechanical planarization slurries

EnviroSystems.

United States

Website : <http://www.ecotru.com/>

nanoemulsion disinfectant cleaner

Exfo.

United States

Website : <http://www.exfo.com/>

Photonics alignment systems, high-resolution positioning and ultra-high vacuum, high-resolution positioning

FEI Company.

United States

Website : <http://www.feicompany.com/>

supplier of charged particle beam systems, including FIB systems, DualBeam systems, scanning and transmission electron microscopes, and components

FirstNano.

United States

Website : <http://www.firstnano.com/>

process equipment suitable for the synthesis of a variety of one-dimensional nanostructures and nanomaterials; catalyzed chemical vapor deposition for development of carbon nanotube devices

Gatan.

United States

Website : <http://www.gatan.com/>

instrumentation and software used to enhance and extend the operation and performance of electron microscopes: spectrometers, imaging filter and spectrum imaging software; specimen holders, digital cameras; scanning electron microscopy products

Headwaters NanoKinetix.

United States

Website : <http://www.htinj.com/>

nanocatalyst development direct alcohol fuel cells for portable application and other for electronic devices; technology to control catalyst structure at a molecular level

Hitachi Scientific Instruments.

United States

Website : <http://www.hii-hitachi.com/>

transmission and scanning electron microscope systems and accessories, e-beam lithography

Hyperion Catalysis International.

United States

Website : <http://www.fibrils.com>

carbon nanotube development and commercialization focusing on automotive and electronic applications

**InMat.**

United States

Website : <http://www.inmat.com/>

nanocomposite barrier coating technology for sporting goods, automotive, packaging, and personal protection markets

**Integrated Nano-Technologies.**

United States

Website : <http://www.integratednano.com/>

electronic-based, field-portable DNA detection system

**JMAR.**

United States

Website : <http://www.jmar.com/>

Collimated Plasma Lithography™ System: high-power X-ray source technology for advanced semiconductor lithography

**Mad City Labs.**

United States

Website : <http://www.madcitylabs.com/>

nanopositioning products and control electronics

**Materials and Electrochemical Research Corporation.**

United States

Website : <http://www.mercorp.com>

fullerenes and single-walled nanotubes

**Molecular Imaging.**

United States

Website : <http://www.molec.com/>

scanning probe microscopes and control station; atomic force microscopes; probes and tips

**Nanogen.**

United States

Website : <http://www.nanogen.com/>

molecular diagnostic tests; NanoChip® Molecular Biology Workstation for DNA-based analyses

**Nanolab.**

United States

Website : <http://www.nano-lab.com>

designs, develops and manufactures nanoscale materials and devices; aligned nanotube arrays and carbon nanotube powders

**Nanomaterials Discovery Corporation.**

United States

Website : <http://www.nanomaterialsdiscovery.com/>

combinatorial electrochemistry to search for new, enabling materials such as catalysts for applications in batteries, fuel cells, displays, and coatings

**Nanophase Technologies.**

United States

Website : <http://www.nanophase.com/>

nanomaterials through dispersions, slurries and formulations such as ceramics, coatings, catalysts; Physical Vapor Synthesis process

**Nanosolar.**

United States

Website : <http://www.nanosolar.com/>

plastic solar cells based on an active layer that optimized at the nanometer scale

**Nanosphere.**

United States

Website : <http://www.nanosphere-inc.com/>

developing molecular testing systems; nanotechnology-based nanoparticle probes, assays and instruments

Nanosys.

United States

Website : <http://www.nanosysinc.com/>

development of nano-enabled systems integrating functional complexity directly into each individual nanoparticle, enabling the low-cost fabrication of revolutionary high-value, high-performance applications in a broad range of industries from life and physical sciences to information technology and communications to renewable energy to defense

Nanotechnologies.

United States

Website : <http://www.nanoscale.com/>

custom engineered nanopowders; nanoparticles

Nano-Tex.

United States

Website : <http://www.nanotex.com/>

advanced materials-based company that uses proprietary technology to create, alter and improve textiles at the molecular level to develop intelligent fabrics

NanoWave.

United States

Website : <http://www.nanowave.com/>

scanning probe position encoder using physical or optical probe giving picometer accuracy

Nantero.

United States

Website : <http://www.nantero.com/>

high-density nonvolatile random access memory chip, using nanotechnology.

Novascan Technologies.

United States

Website : <http://www.novascan.com/>

atomic force microscopes: environmental, closed loop, optical; and accessories such as tip cleaners; research and development

Novavax.

United States

Website : <http://www.novavax.com/>

Micellar nanoparticles (MNPs) - non-phospholipid structures that can deliver a wide variety of ethanol based drugs and other therapeutic agents transdermally

nPoint.

United States

Website : <http://www.npoint.com/>

nanopositioning systems, motion controllers, and sensors; carbon nanotube scanning-probe microscope tips

Oak Ridge Micro-Energy.

United States

Website : <http://www.oakridgemicro.com/>

thin-film micro- and nano-scale solid state batteries; nanostructured electrodes and electrolytes for high energy density

Pacific Nanotechnology.

United States

Website : <http://www.pacificnanotechnology.com/>

atomic force microscopes, analysis software; probes

Quantum Dot.

United States

Website : <http://www.qdots.com/>

quantum dot nanocrystals; Streptavidin, Protein A and Biotin Conjugates

Quesant Instrument Corporation.

United States

Website : <http://www.quesant.com/>

scanning probe microscopes: atomic force microscopy (contact, intermittent contact and non-contact AFM), magnetic force microscopy, lateral force microscopy, phase mode, electric force microscopy, etc

RHK Technology.

United States

Website : <http://www.rhk-tech.com/>

ultra-high vacuum scanning tunnelling and atomic force microscope systems, integrated surface analysis systems, scanning probe microscopy controller electronics and accessories

TPL.

United States

Website : <http://www.tplinc.com/>

titanate powders with controlled size and chemistry

Ultratech.

United States

Website : <http://www.ultratech.com/>

application-specific stepper lithography systems; thin film heads, inkjet print heads, optical components, inertial and pressure sensors, and radio frequency devices; metrology system for die on wafer

Veeco.

United States

Website : <http://www.veeco.com/>

metrology and process equipment systems: atomic force, scanning probe, near-field scanning optical microscopes, stylus and atomic force profiler systems

Zyvex.

United States

Website : <http://www.zyvex.com/>

nanomanipulation systems compatible with microscopes and probe systems; microactuators and pluggable microcomponents platform technologies

## INVESTORS

European Investment Fund (EIF).  
European Union  
Website : <http://www.eif.com/>

Sofinnova Partners.  
France  
Website : <http://www.sofinnova.fr/>

Activest Lux Nanotech.  
Germany  
Website : <http://www.activest.de/>

BASF Future Business.  
Germany  
Website : <http://www.basf.de/en/futurebusiness/>

BASF Venture Capital.  
Germany  
Website : <http://www.basf.de/en/venturecapital/>

Capital Stage.  
Germany  
Website : <http://www.capitalstage.com/>

Enjoyventure Management.  
Germany  
Website : <http://www.enjoyventure.de/>

Wellington Partners.  
Germany  
Website : <http://www.wellington.de/>

Nanotech Partners.  
Japan  
Website : <http://www.nt-p.com/>

NanoDimension.  
Switzerland  
Website : <http://www.nanodimension.com/>

PSE Science Park.  
Switzerland  
Website : <http://psepc2.epfl.ch/home/index.lasso>

Alba Incubator.  
United Kingdom  
Website : <http://www.albacentre.com/>

Evolution Capital.  
United Kingdom  
Website : <http://www.evolution-group.com/>

Index Ventures.  
United Kingdom, Switzerland  
Website : <http://www.indexventures.com/>

Allegro Ventures.  
United States  
Website : <http://www.allegroventures.com/>

Applied Materials Venture.  
United States  
Website : <http://www.appliedvc.com/>

Arch Venture.  
United States  
Website : <http://www.archventure.com/>

Ardesta.  
United States  
Website : <http://www.ardesta.com/>

Arlington Technology Incubator (ATI).  
United States  
Website : <http://ati.uta.edu/>

Chevron Texaco Venture Equities.  
United States  
Website : <http://www.chevron.com/ctv/>

Draper Fisher Jurvetson.  
United States  
Website : <http://www.dfj.com/>

Garage Technologies.  
United States  
Website : <http://www.garage.com/>

Harris & Harris.  
United States  
Website : <http://www.hhgp.com/>

Lux Capital.  
United States  
Website : <http://www.luxcapital.com/>

Molecular Manufacturing Enterprises (MMEI).  
United States  
Website : <http://www.mmei.com/>

Nanotech Capital.  
United States  
Website : <http://www.nanotechcap.com/>

Nanotech Venture Fund.  
United States

NGEN.  
United States  
Website : <http://www.nextgenpartners.com/>

Small Business Technology Investment Fund (SBTIF).  
United States  
Website : [http://www.nylovesbiz.com/High\\_Tech\\_Research\\_and\\_Development/investment\\_fund.asp](http://www.nylovesbiz.com/High_Tech_Research_and_Development/investment_fund.asp)

Venrock.  
United States  
Website : <http://www.venrock.com/>



Venture Technologies.

United States

Website : <http://www.venture-technologies-llc.com/>

# OVERVIEWS OF NANOTECHNOLOGY

## ARTICLES

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