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REGULATORY AND LEGISLATIVE DEVELOPMENTS

FDA Adopts Standards on Nanotechnology

The US Food and Drug Administration has updated its list of recognized standards with three standards focused on nanotechnology: [Standard Guide For Measurement Of Particle Size Distribution Of Nanomaterials In Suspension By Photon Correlation Spectroscopy \(PCS\)](#) by the American Society for Testing and Materials (ASTM), [Standard Guide For Handling Unbound Engineered Nanoscale Particles In Occupational Settings](#) by ASTM, and [Surface Characterization Of Gold Nanoparticles For Nanomaterial Specific Toxicity Screening: FT-IR Method](#) by the International Standards Organization (ISO). Notably, the first standard affects “all medical devices containing materials with particles whose size in at least one dimension is from 1-100nm.” FDA’s 2014 guidance document on [Considering Whether an FDA-Regulated Product Involves the Application of Nanotechnology](#) is also relevant to the adoption of two of these three standards.

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REVIEWS AND OTHER PUBLICATIONS OF INTEREST

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For further information, or if you have any questions about the Nanomedicines Alliance, please contact the Nanomedicines Alliance Secretariat at 1-202-230-5653.

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CONFERENCES AND WORKSHOPS

Nanotechnology, Biotechnology and Spectroscopy: tools of success in the coming Era, 27 – 29 March 2015, Giza, Egypt

Nanotechnology in medicine
 Pharmaceutical and biomedical applications
 Polymer nanoparticles
<http://ises-nakaa-conf.webs.com/>

Nanotechnology in Medicine and Biology, 8 – 10 April, 2015, Graz, Austria

Biomedical applications
 Regenerative medicine
 Detection, diagnostics, therapeutics, and monitoring
 Oncology
<http://www.bionanomed.at/>

1st European Conference on Pharmaceutics: Drug Delivery, 13 – 15 April 2015, Reims, France

Targeting
 Liposomes and nanoparticles
<http://www.apqi.org/Reims2015.htm>

5th Zing Bionanomaterials Conference, 25 – 28 April 2015, Algarve, Portugal

Synthesis
 Characterization
 Toxicity
 Therapeutics
<http://goo.gl/Y2II1S>

EuroNanoForum 2015, 10 – 12 June 2015, Riga, Latvia

Nanomanufacturing
 Advanced Materials
<http://euronanoforum2015.eu/>

International Society for Biomedical Polymers and Polymeric Biomaterials, 8 – 10 July 2015, Orlando, FL

Nanocomposites
 Drug delivery systems
 Controlled release systems
 Biomedical pharmaceutical polymers
<http://isbpb.org/conferences-workshops/>

International Conference on Biomedical Engineering and Systems, 13 – 14 July 2015, Barcelona, Spain.

Biomedical devices
 Biomaterials
 Drug design
 Nanotechnology for biomedical applications
<http://icbes.net/papers/>

REFERENCE SECTION

Nanobio- and Nanomedicine Companies

Listed alphabetically:
http://www.nanowerk.com/nanotechnology/nanomaterial/nanobiomedicine_a.php

Nano Organizations

National Center for Toxicological Research (NCTR):
<http://www.fda.gov/AboutFDA/CentersOffices/NCTR/default.htm>

National Nanotechnology Initiative (NNI):
<http://www.nano.gov/>

Nano Science and Technology Consortium (NSTC): <http://www.nstc.in/>

Nano Science and Technology Institute (NSTI): <http://www.nsti.org/>

The Nanotechnology Institute (NTI): <http://nanotechinstitute.org/>

Nano Journals

American Chemical Society -- Nano Letters: <http://pubs.acs.org/journal/nalefd>

Institute of Physics – Nanotechnology: <http://iopscience.iop.org/0957-4484/>

Journal of Nanoscience and Nanotechnology: <http://www.aspbs.com/jnn/>

NanoTrends - A Journal of Nanotechnology and its Applications: <http://www.nstc.in/journal/default.aspx>

BCC Research -- Nanotechnology Reports: <http://www.bccresearch.com/index/category/code/nanotechnology>

Nanomedicine: Nanotechnology, Biology, and Medicine: <http://www.nanomedjournal.com/home0>

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Nature Nanotechnology: http://www.nature.com/nnano/focus/highlights/index.html?WT.mc_id=NM1110CT01

CONTACT

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