

## **NanoMed Round Table Working Group on Ethical and Societal Aspects of Nanomedicine**

### **Annex 1 – References**

Ach, J.S.; Siep, L., eds. (2006) *Nano-Bio-Ethics. Ethical Dimensions of Nanobiotechnology*. Münster.

Ach, J.S.; Lüttenberg, B., eds. (2008) *Nanobiotechnology, Nanomedicine and Human Enhancement*, Berlin.

Adam, M. (2007) What to expect from rational drug design. *Expert Opinion on Drug Discovery* 2, 773-776.

Ahn, A. C.; Tewari, M.; Poon C.-S.; Phillips, R. S. (2006) The Limits of Reductionism in Medicine: Could Systems Biology Offer an Alternative? *PLoS Med* 3(6): 208.

Bawa, R.; Johnson, S. (2007) The Ethical Dimensions of Nanomedicine. *The Medical Clinics of North America*, 91, 881-887.

Boenink, M. (2009) Tensions and Opportunities in Convergence: Shifting Concepts of Disease in Emerging Molecular Medicine. *Nanoethics* 3, 243-255.

Bruce, D. (2006) Nano-2-Life Ethics. A Scoping Paper on Ethical and Social Issues in Nanobiotechnologies, in: Ach, J. S.; Siep, L., eds.: *Nano-Bio-Ethics. Ethical Dimensions of Nanobiotechnology*. Münster 2006, 63-84.

Brune, H.; Ernst, H.; Grunwald, A.; et al. (2006) *Nanotechnology. Assessment and Perspectives*. Berlin.

DEEPEN (Sarah, D.; Macnaghten P.; Kearnes M.; Ferrari, A.; Nordmann, A.; eds.) (2009) *Reconfiguring Responsibility: Lessons for Public Policy and Lessons for Nanoethics*. Durham: Durham University.

Ebbesen, M.; Jensen, T. G. (2006) Nanomedicine: Techniques, Potentials, and Ethical Implications. *Journal of Biomedicine and Biotechnology*, 5, 1-11.

Engel, G. (1977) The need for a new medical model: A challenge for biomedicine. *Science* 196: 129-136.

European Commission (2006) *Nanomedicine - Nanotechnology for Health*. European Technology Platform - Strategic Research Agenda for Nanomedicine.

European Group on Ethics (2007) *Opinion on the ethical aspects of nanomedicine*, Opinion No. 21, Luxembourg: Office of the Official Publications of the European Communities.

# Nanomed Round Table

European Science Foundation (2005) *Nanomedicine*. ESF-European Medical Research Councils (EMRC) Forward Look report.

Godman, M. (2008) But is it Unique to Nanotechnology? Reframing Nanoethics. *Science and Engineering Ethics*, 14, 391-403.

Gordijn, B. (2005) Nanoethics: From Utopian Dreams and Apocalyptic Nightmares towards a more Balanced View. *Science and Engineering Ethics*, 11, 521-533.

Grunwald, A. (2005) Nanotechnology - A New Field of Ethical Inquiry? *Science and Engineering Ethics*, 11, 187-201.

Grunwald, A. (2007) Converging technologies: Visions, increased contingencies of the conditio humana, and search for orientation. *Futures* 39, 380-392.

Haker, H. (2008) Ethical Reflections on Nanomedicine, in: Ach, J.S.; Lüttenberg, B., eds.: *Nanobiotechnology, Nanomedicine and Human Enhancement*, Berlin, 53-75.

Hastings Center Report (1996) *Specifying the goals of medicine*, Nov-Dec, 1996

Horner, D. S. (2005) Anticipating ethical challenges: Is there a coming era of nanotechnology? *Ethics and Information Technology*, 7, 127-138.

Khushf, G. (2007) Upstream ethics in nanomedicine: a call for research. *Nanomedicine*, 2, 511-521.

Khushf, G. (2008) Health as Intra-systemic Integrity. Rethinking the Foundations of Systems Biology and Nanomedicine. *Perspectives in Biology and Medicine*, 51, 432-449.

Lenk; C.; Biller-Andorno, N. (2007) Nanomedicine-emerging or re-emerging ethical issues? A discussion of four ethical themes. *Medicine, Health Care and Philosophy*, 10, 173-184.

Max-Planck-Gesellschaft (2009) *Science Express: How Science and Technology changes our life*. Catalogue of exhibitions, Munich.

Müller, S. (2009) Magnetic fluid hyperthermia therapy for malignant brain tumours - an ethical discussion. *Nanomedicine: Nanotechnology, Biology and Medicine* 5, 387-393.

Murday, J. S.; Siegel, R. W.; Stein, J.; Wright, J. F. (2009) Translational nanomedicine: status assessment and opportunities. *Nanomedicine: Nanotechnology, Biology, and Medicine*, 5, 251-273.

NanoBio-Raise Co-ordination Office (2008) *Briefing Paper "Nanomedicine"*. <http://files.nanobio-raise.org/Downloads/Nanomedicine-fullweb.pdf> [16.01.2010].

# Nanomed Round Table

National Science and Technology Council Report (1999) *Shaping the world atom by atom*.

[www.wtec.org/loyola/nano/IWGN.Public.Brochure/IWGN.Nanotechnology.Brochure.pdf](http://www.wtec.org/loyola/nano/IWGN.Public.Brochure/IWGN.Nanotechnology.Brochure.pdf) [17.01.10].

NIH Roadmap for Medical Research (2006) *Nanomedicine overview*.

<http://nihroadmap.nih.gov/nanomedicine/> [24.01.2010].

Nordmann, A.; Rip, A. (2009) Mind the gap revisited. *Nature Nanotechnology*, 4, 273-274.

Rip, A.; te Kulve, H. (2008) Constructive technology assessment and sociotechnical scenarios, in: Fisher, E; Selin, C, Wetmore, J.M.; eds., *The Yearbook of Nanotechnology in Society*, Berlin, 49-70.

Roache, R. (2008): Ethics, Speculation, and Values. *Nanoethics*, 2, 317-327.

Swierstra, T.; Rip, A. (2007) Nano-ethics as NEST-ethics: patterns of moral argumentation about new and emerging science and technology. *Nanoethics*, 1, 3-20.

Weckert, J. (2008) Ethics and the Governance of Nanoscience and Nanotechnology. 3rd Workshop of the Nano Ethics Network, Aarhus, Denmark, Oct 31-Nov 1.

Weil, V. (2003) Zeroing In on Ethical Issues in Nanotechnology. *Proceedings of the IEEE*, 91, 1976-1979.