

# Targeted Delivery of Nanomedicine

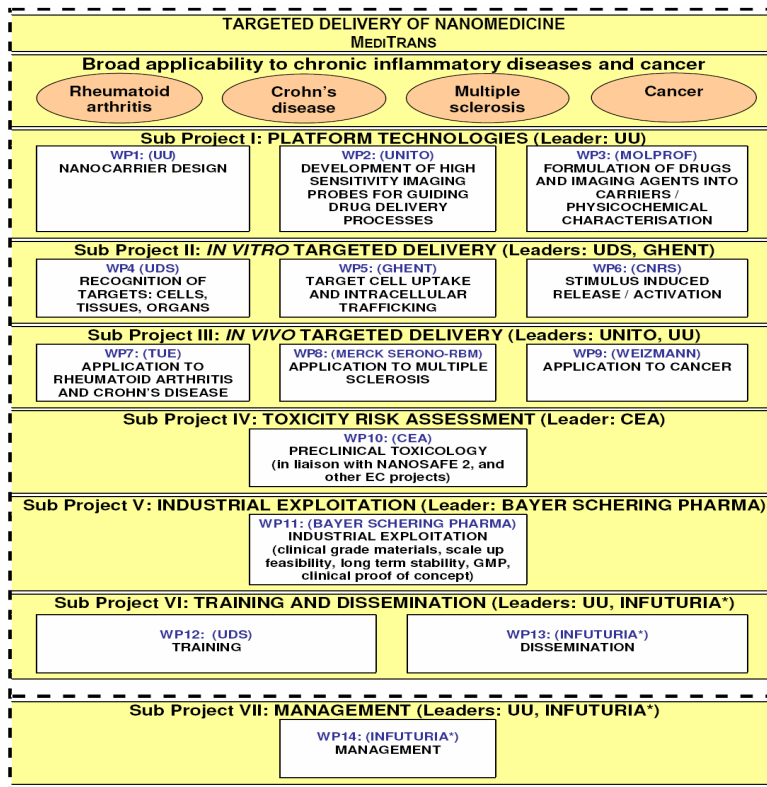
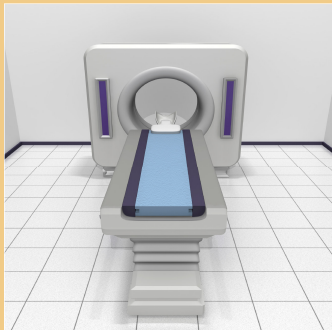
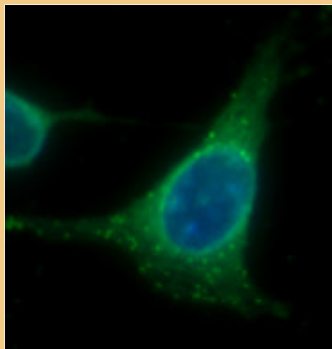
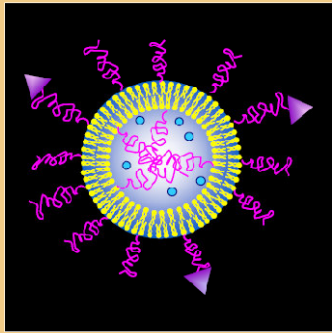
## MEDITRANS

MEDITRANS represents a multidisciplinary Integrated Project dealing with targeted nanomedicines. Platform technologies will be developed with broad applicability to disease treatment, as exemplified by the choice for chronic inflammatory disorders (rheumatoid arthritis, Crohn's disease, multiple sclerosis), and cancer as target pathologies. Nanomedicines (based on carrier materials like polymeric and lipidic nanoparticles, nanotubes, and fullerenes) will be endowed with superior targeting and (triggerable) drug release properties. In parallel, MRI imaging probes will be designed that report on the localisation of the targeted nanomedicines, specific biomarkers, the drug release process and therapeutic outcome (imaging-guided drug delivery).

The consortium consists of 30 partners from 9 EU member states (including 1 new member state) and 3 associated states, and includes 13 industrial companies, 11 universities and 6 research institutes. The total budget is €16.1M, with €11M from the EC and €5.1M from MEDITRANS' industrial partners.

## CONSORTIUM

Universiteit Utrecht  
 Commissariat À L'Energie Atomique  
 Stichting Biomade Technology  
 Magforce Nanotechnologies AG  
 Charite Universitätsmedizin Berlin  
 FOM  
 CSEM  
 PCI Biotech AS  
 Universiteit Gent  
 Uniwersytet Łódzki  
 N. V. Organon  
 Technische Universiteit Eindhoven  
 Molecular Profiles Ltd  
 Universität des Saarlandes  
 Philipps-Universität Marburg  
 Bayer Schering Pharma AG  
 Across Barriers GmbH  
 Philips Electronics Nederland B.V.  
 Merck Serono – RBM  
 Bracco Imaging SpA  
 CNRS  
 Weizmann Institute of Science  
 Università Degli Studi di Torino  
 CSIC  
 Guerbet S.A.  
 University of Copenhagen  
 Forschungslaboratorien der Philips GmbH  
 Integrated DNA Technologies, BVBA  
 Universidad Nacional de Educación a Distancia  
 Infutura Group AG



The MR image of the brain used in this poster is from: Dousset V, Brochet B, Deloire MSA, Lagoarde L, Barroso B, Caille J-M, Petry KG. MR imaging of relapsing multiple sclerosis patients using ultra-small particle iron oxide and compared to gadolinium. AJNR - Am J NeuroRadiology 2006; 27(5):1000-5.

## VACANCIES

If you would like to work on the MEDITRANS project please see the list of current vacancies on the [Vacancies](#) page of the MEDITRANS website. You can send us your details via the [Contact Us](#) page of the MEDITRANS website:

[www.meditrans-ip.net](http://www.meditrans-ip.net)

Sixth Framework Programme

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