

**Ghent University: Lab for General Biochemistry & Physical Pharmacy**

Specific input	Participants
<ul style="list-style-type: none"><li>• Organization of discussion days</li><li>• Physicochemical characterization of nanomaterials</li><li>• Behaviour of nanomaterials in biological media</li><li>• Toxicity of nanomaterials</li></ul>	Prof. S. De Smedt Prof. K. Braeckmans Prof. K. Remaut Dr. I. Lentacker Dr. K. Raemdonck Dr. S. Keshari Samal Dr. H. Dewitte

<https://www.ugent.be/fw/pharmaceutics/en/research/biochemphypharm>

**KU Leuven: biomedical MRI Unit**

Specific input	Participants
<ul style="list-style-type: none"><li>• Development of <i>in vivo</i> imaging models</li><li>• Contrast agent development</li><li>• Evaluation of new applications for contrast agents</li><li>• Evaluation of functionalized iron oxide, gold and fluorine</li></ul>	Prof. U. Himmelreich Dr. S. Soenen Dr. G. Vande Velde Dr. B. Manashian Dr. W. Gsell

<https://gbiomed.kuleuven.be/english/BSG/mosaic/biomedical-nmr-unit>

**Vrije Universiteit Brussel: Lab for Molecular and Cellular Therapy**

Specific input	Participants
<ul style="list-style-type: none"><li>• Knowledge transfer on tumor immunology</li><li>• Development of innovative immunotherapies</li><li>• Generation of dendritic cell vaccines</li><li>• Strategies for <i>in situ</i> modification of dendritic cells</li></ul>	Prof. K. Thielemans Prof. K. Breckpot Dr. C. Govaerts

<http://oco.vub.ac.be/molecular-and-cellular-therapy/>

**University of Antwerp: Center for Oncological Research – Solid Tumor Immunology**

Specific input	Participants
<ul style="list-style-type: none"><li>• Biological/Pre-clinical evaluation of nanomaterials for cancer immunotherapy</li></ul>	Prof. E. Smits Dr. A. Wouters

<https://www.uantwerpen.be/en/rg/core/members/team-2--solid-tumor-/>

<b>Ghent University: Experimental Surgery Lab</b>	
<b>Specific input</b>	<b>Participants</b>
<ul style="list-style-type: none"> <li>• Preclinical evaluation of intraperitoneal drug delivery</li> <li>• Clinical expertise in oncology</li> </ul>	Prof. W. Ceelen Dr. W. Willaert
<a href="http://www.uzgent.be/nl/zorgaanbod/mdspecialismen/Gastro-intestinale-heelkunde/Paginas/Wim-Ceelen.aspx">http://www.uzgent.be/nl/zorgaanbod/mdspecialismen/Gastro-intestinale-heelkunde/Paginas/Wim-Ceelen.aspx</a>	

<b>Ghent University: Laboratory for Gene Therapy (Department of Veterinary Sciences)</b>	
<b>Specific input</b>	<b>Participants</b>
<ul style="list-style-type: none"> <li>• <i>In vivo</i> evaluation of genetic vaccines and immune therapies</li> <li>• <i>In vivo</i> optical imaging</li> <li>• <i>in vivo</i> evaluation of tumor-targeted drug delivery</li> </ul>	Prof. N. Sanders Dr. B. Leyman
<a href="http://www.ugent.be/di/di07/nl/onderzoek/gentherapie">http://www.ugent.be/di/di07/nl/onderzoek/gentherapie</a>	

<b>University of Antwerp: Institute of Tropical Medicine – Virology Unit</b>	
<b>Specific input</b>	<b>Participants</b>
<ul style="list-style-type: none"> <li>• Anti-HIV immune therapies and therapeutic vaccines</li> <li>• mRNA formulation into nanoparticles</li> </ul>	Prof. G. Vanham Dr. L. Heyndrickx Dr. E. Florence
<a href="http://www.itg.be/itg/generalsite/Default.aspx?WPID=796&amp;MIID=649&amp;UnitCode=1000&amp;UUID=f52aa14d-b51a-471d-92e9-eb294489dafd&amp;L=E">http://www.itg.be/itg/generalsite/Default.aspx?WPID=796&amp;MIID=649&amp;UnitCode=1000&amp;UUID=f52aa14d-b51a-471d-92e9-eb294489dafd&amp;L=E</a>	

<b>Université Catholique de Louvain: Advanced Drug Delivery and Biomaterials</b>	
<b>Specific input</b>	<b>Participants</b>
<ul style="list-style-type: none"> <li>• Design &amp; characterization of materials for drug delivery</li> <li>• Pre-clinical &amp; biological evaluation of nanomaterials</li> <li>• Development of new delivery systems for biotech-based drugs and poorly water soluble drugs</li> </ul>	Prof. V. Préat Prof. R. Vanbever Prof. A. des Rieux Dr. F. Danhier Dr. G. Vandermeulen
<a href="https://www.uclouvain.be/en-269736.html">https://www.uclouvain.be/en-269736.html</a>	

University of Liège: Laboratory of Pharmaceutical Technology and Biopharmacy	
Specific input	Participants
<ul style="list-style-type: none"> <li>Nanosystems for drug delivery</li> <li><i>In vitro/in vivo</i> MRI</li> </ul>	Prof. B. Evrard Prof. G. Piel Dr. V. Palazzo
<a href="http://www.materials.ulg.ac.be/cms/c_7732/lptb-laboratory-of-pharmaceutical-technology-and-biopharmacy">http://www.materials.ulg.ac.be/cms/c_7732/lptb-laboratory-of-pharmaceutical-technology-and-biopharmacy</a>	

Université de Mons: Organic and Biomedical Chemistry, NMR and Molecular Imaging Laboratory	
Specific input	Participants
<ul style="list-style-type: none"> <li>Nanosystems for drug delivery</li> <li><i>In vitro/in vivo</i> MRI</li> </ul>	Prof. S. Laurent Prof. R.N. Muller Dr. C. Henoumont Dr. D. Stanicki Dr. S. Boutry
<a href="https://portail.umons.ac.be/fr/universite/facultes/fmp/services/service1/pages/l%C3%A9quipe.aspx">https://portail.umons.ac.be/fr/universite/facultes/fmp/services/service1/pages/l%C3%A9quipe.aspx</a>	

Université Paris Sud: Insitut Galien	
Specific input	Participants
<ul style="list-style-type: none"> <li>Development of new drug delivery systems</li> <li>Physical &amp; polymer chemistry</li> <li>Biological evaluation</li> </ul>	Prof. E. Fattal Prof. P. Couvreur Prof. G. Ponchel Prof. S. Lesieur Prof. V. Rosilio Prof. F. Agnely Prof. M. Taverna
<a href="http://www.umr-cnrs8612.u-psud.fr/pres_eq5.php">http://www.umr-cnrs8612.u-psud.fr/pres_eq5.php</a>	

University Medical Center Utrecht: Center for Imaging Sciences	
Specific input	Participants
<ul style="list-style-type: none"> <li>Development of drug delivery systems for localised cancer therapy.</li> <li>Triggered drug release using focused ultrasound.</li> <li>Image-guided drug delivery</li> </ul>	Prof. C. Moonen Prof. R. Deckers Prof. C. Bos Prof. G. Storm
<a href="http://imt.isi.uu.nl/">http://imt.isi.uu.nl/</a>	

**Utrecht University: Department of Pharmaceutics**

Specific input	Participants
<ul style="list-style-type: none"><li>• Synthesis and characterization of polymeric and liposomal drug delivery synthesis</li><li>• <i>In vitro</i> and <i>in vivo</i> evaluation of nanomaterials</li><li>• Delivery systems for vaccines &amp; nucleic acids.</li></ul>	Prof. W. Hennink Prof. E. Mastrobattista Prof. G. Storm Dr. Y. Welscher Dr. M. Henbury Dr. H. Ebbers Dr. J. Wennink Dr. G. Sleszynska
<a href="http://www.uu.nl/en/research/pharmaceutics">http://www.uu.nl/en/research/pharmaceutics</a>	