

Kick off meeting agenda

Acronym: CheTherDel

Project title: Chemo-hyperthermal Delivery - Combined chemo-hyperthermal control of hepatic tumors, based on microwave-activated subendothelial-targeted magnetic nano-assemblies

lasi, May 31st – June 1st , 2012



Revision Sheet

Release No.	Date	Revision Description
Rev. 1	20/05/2012	Kick off Meeting Agenda, First Working Version
Rev. 2		
Rev. 3		

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KICK OFF MEETING AGENDA

Project Name:	<u>Chemo-hyperthermal Delivery</u> - Combined chemo-hyperthermal control of hepatic tumors, based on microwave-activated subendothelial-targeted magnetic nano-assemblies	Page	1/3
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Purpose, Objectives and Elements of the Meeting:

To build a common understanding on the goals and objectives for the CheTherDel project within the project consortium, to discuss future project implementation, and all other technical details.

As the agenda indicates, the meeting is divided into three parts. Part I and part II – the morning sessions - contain information of interest to all parties including the project partners, stakeholders, regional and national authorities. These sessions are devoted to the welcome speeches and short presentations of the CheTherDel project and partnering institutions within the consortium. Concluding remarks will be summarized in the frame of part III.

Attendees:	<ol style="list-style-type: none"> 1. Dimofte Gabriel, Romania 2. Pieptu Dragos, Romania 3. Radu Iliescu, Romania 4. Bogdan Tamba, Romania 5. Romeo Ciobanu, Romania 6. Cornia Ursulescu, Romania 7. Emanuele Papini, Italy 8. Chiara Fedeli, Italy 9. Alf Lamprecht, France 10. Karlis Pajuste, Latvia 11. Arkadij Sobolev, Latvia 	Date:	31 st of May, 1 st of June 2012
		Place:	Regional Institute of Oncology, Iasi, Romania

1.0 Purpose

The purpose of this initial meeting (the kick-off meeting) is to build a common understanding of the goals and objectives for the CheTherDel project, to discuss project implementation in the future, open job positions, select the best candidates, and all other technical details.

2.0 Outcome

Each member of the project consortium understands specific project objectives, means and actions leading to their achievement, its respective roles and responsibilities, planned outputs and outcomes, and agrees with the list of measurable progress indicators in the project implementation. The Steering Group and the Technical Committee shall be constituted.

Thursday, May 31st 2012, Iasi	
	Accommodation of project partners
20.00	Welcome dinner

Friday, June 1st 2012, Iasi	
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09:00– 9.15	Registration of the participants, Meeting room floor 7 Regional Institute of Oncology Iasi
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Part I – Opening and welcome session, short project presentation	
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9.15 – 9.30	Welcome speech	<p>Gabriel DIMOFTE, Project leader and President of the Senat of the University of Medicine and Pharmacy, Gr. T. Popa, Iasi</p> <p>Dragos PIEPTU, Vice President of the University of Medicine and Pharmacy, Gr. T. Popa, Iasi</p>
9.30-10.00	CheTherDel project presentation	<p>Gabriel DIMOFTE</p> <ul style="list-style-type: none"> -birth of an idea -principle and potential solutions -goals and strategies -construction of the consortium -main subprojects -potential difficult tasks, go/no go points - potential for future developments
10:00 – 10:30	Coffee break	

10:30 – 12:00	Part II – Consortium presentation Short presentations of the project partners : approx. 15 minutes per institution	
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10.30-10.45	Tehcnical University Gheorghe. Asachi, Iasi, Romania	Romeo CIOBANU
10.45-11.00	University of Padua, Italy	Emanuele PAPINI
11.00-11.15	University of Franche-Comte, Besancon, France	Alf Lamprecht
11.15-11.30	Latvian Institute of Organic Synthesis, Riga	Arkadij Sobolev, Karlis Pajuste
11.30-11.45	Regional Institute of Oncology, Iasi, Romania	Corina URSULESCU

11.45-12.00	University of Medicine and Pharmacy "Gr. T. Popa" Iasi, Romania	Gabriel DIMOFTE
12:00 – 14:30	Lunch break – Unirea Panoramic Restaurant	
14.30-16.00	Part III – Working packages (informal discussions regarding technical aspects, foreseen problems and international cooperation)	
	WP1 - Management	
	WP2 – Development of liposome type NA filled with chemotherapeutic agents	
	WP3- Development of magnetic nanoassemblies coated with MAC	
	WP4- Development of MW based therapeutic system	
	WP5- Recognition of tissue antigenic marker + MAC production	
	WP6- Ex vivo fixation of MAC coated nanoparticles	
	WP7- Evaluation of HYPEC on induce liver tumors in rats	
	WP8- Dissemination and implementation strategies	
16:15 – 16:45	Part IV – Concluding remarks	
16:15 – 16:30	Establishment of the Steering Board and The Technical Committee	
16.30 - 16.45	Planning future events and possible cooperations in other projects	
16.45-17.00	End of the meeting day - Discussion and Conclusion	
17.00-18.30	Tour of the city	
19:30	Dinner – Oscar Restaurant	

Notes:

1. Official language of the kick-off meeting will be English.

Detailed Meeting Minutes:

9.20

Dr. Gabriel DIMOFTE welcomes the participants and opens the session.

9.25

Dr. Dragos PIEPTU presents the history and tradition of the University of Medicine and Pharmacy, Gr. T. Popa, Iasi in the research sector. The current status of the European and national projects and partnerships is also described, emphasizing the CheTherDel as the first FP7 project lead by the university.

9.35

Dr. Gabriel DIMOFTE – gives a comprehensive presentation of the CheTherDel project. From the original idea (result of more than 15 years of clinical practice) to the principle and potential solutions for the hepatic cancer treatment. A review of the goals and strategies set for the project are listed and explained. A series of comments and discussion from the participants arose when discussing the subprojects, potential approaches and go/no go points. The potential for future developments are also presented, including future projects, scientific researches or commercial applications.

10:00 – 10:30

Coffee break

10:30

Dr. Romeo CIOBANU presents the partner: Technical University Gheorghe. Asachi, Iasi, Romania. After a brief introduction regarding the tradition and experience of the university, the current project approach and technical details are presented. Clarifying comments and questions from the participants.

10.45

Dr. Emanuele PAPINI presents the partner: University of Padua, Italy. Brief introduction of the university followed by the experience and expertise in the in-vitro and in-vivo testing and imaging techniques. Several questions from the participants on better targeting or visualization of the compounds are discussed.

11.00

Dr. Arkadij SOBOLEV and Dr. Karlis PAJUSTE present the Latvian Institute of Organic Synthesis, Riga. The focus of the presentation is on the liposomes obtained from synthetic lipids (cationic amphiphilic 1,4-dihydropyridines) that the institute has experience and results as usable drug delivery systems. The participants discuss the potential obstacles related to the use of the liposomes for the scope of the project and several suggestions are made.

11.15

Dr. Corina URSULESCU from the Regional Institute of Oncology, Iasi, Romania presents briefly the institute extensive experience and its clinical research facilities.

11.30

Dr. Alf LAMPRECHT representing the University of Franche-Comte, Besancon, France, gives an ample overview on the synthesizing capacities and technologies of his group, especially on PEG stealth nanoparticles. The participants discuss and propose several criteria and goals that the “ideal” compound should meet. The in-vivo toxicology testing especially is proposed as secondary to in-vivo targeting in-vitro toxicology.

11.45

Dr. Gabriel DIMOFTE moderates a discussion of the participants and further underlines the main objectives for the current year of the project and encourages the members of the project to think creatively, out of the box for it is the different views and skills of each and everyone put to work together that will ensure the success of the project.

12:00 – 14:30 Lunch break

14.30

Dr. DIMOFTE shortly presents each work package of the project. Informal discussions follow regarding the technical aspects, foreseen problems and possible solutions. Specifically, targeting of inflammatory cells in the liver is proposed. In this respect, selective targeting of inflammatory phagocytes versus liver Kupfer cells, has been focused as an important issue to be addressed. It is agreed upon the design of 2 types of nanoparticles to be delivered into the liver, respectively “stealth” and “non-stealth”. Heparin is proposed to coat nanoparticles for specific targeting of subendothelial structures, in addition to the already planned coating with collagen isotype specific (IV) mab or polyclonal antibodies/Fabs. Also, there is a proposal to load liposomes with an Rx contrast substance like Lipiodol/Iopamidol for visualization by micro-CT. The immediate steps and actions for each WP are discussed and agreed upon. Further communication between the project’s members will ensure the smooth running of the WP’s. All the participants give their input and comments according to the workload and responsibilities within each WP.

16:15 – 16:30

The participants agree for the establishment of the Steering Board

1. Gabriel Dimofte – coordinator
2. Romeo Ciobanu
3. Cornia Ursulescu
4. Emanuele Papini
5. Brigita Vigante
6. Alf Lamprecht

and the Technical Committee

1. Gabriel Dimofte, Radu Iliescu, Bogdan Tamba
2. Romeo Ciobanu
3. Cornia Ursulescu
4. Emanuele Papini, Chiara Fedeli, Regina Tavano

5. Brigita Vigante, Arkadij Sobolev, Aiva Plotniece, Karlis Pajuste

6. Alf Lamprecht

16.30

Planning future events and possible cooperation in other projects:

The next FP7 Health call is mentioned as well as other possible European or international cooperation. The next meeting is set for the month of November in Vienna. Possible other venues (in each participant area) are considered for future meetings and events.

16.45

Dr. DIMOFTE moderates the final discussions and conclusions with the participants agreeing on the succes of this kick off meeting and the clear and straight ideas and steps for the immediate future of the project.

Signatures

Gabriel Dimofte

Dragos Pieptu

Radu Iliescu

Bogdan Tamba

Cornia Ursulescu

Romeo Ciobanu

Emanuele Papini

Chiara Fedeli

Arkadij Sobolev

Karlis Pajuste

Alf Lamprecht