



European Foundation for Clinical Nanomedicine

3rd European Conference for Clinical Nanomedicine

"Translating the Knowledge to Practice"

Exhibition and "University Village"

Basel, Switzerland, May 9 -12, 2010

First Preliminary Programme (• Call for Papers • Call for Posters • Exhibition • University Village)

Introduction

The 3rd European Conference for Clinical Nanomedicine promises to become the focal meeting point in Europe to get insight into the state of the art in clinical nanomedicine and to learn about the research and latest results in Nanomedicine. As in all novel emerging technology fields the massive investments in scientific and technical research in Nanomedicine are not yet bringing back the returns that they will one day. The CLINAM-conference 2010 is the place to investigate not only the state of the art of clinical nanomedicine but also the translational pathway towards the practice, the product and the applicability to the benefit of patients. *The Foyer Exhibition* is meant to show the existing tools, instruments and materials in the field of regenerative medicine, diagnostics, targeted drug delivery systems, novel materials for nanoparticles, imaging, biomaterials / biosensors / biomarkers, nanomedicine-related medical tools and medical instrumentation as well as existing nanobased clinical medications. *The University Village* is the space for universities and research institutes, giving opportunity for presenting novel approaches, new research projects and initial outcomes of research and experimental results. *The CLINAM Idea and Patents Marketplace* intends to bring out the knowledge about innovations that have been patented in nanomedicine to evaluate, when they are awaiting industrial implementation.

Conference Structure

The conference will start with clinicians reporting the unsolved medical problems in important fields related to diseases that are waiting for novel methods to improve health or to cure the diseases. Based on these reports by clinicians, approaches for resolving the medical problems will be discussed from the nanotechnological point of view. In this way, the CLINAM 2010 conference will give clear views on the reality of nanotechnology applied to medicine. *Debate Style and "in depth"-Sessions* The 3rd CLINAM conference will take the form of a debate, where generally the time slot for speakers is 10 minutes to come to the point of the lecture and after a series of talks, one hour for interdisciplinary debates. *Translating the Knowledge to Practice* is the subtitle of the 2010 meeting and underlines the aim of the meeting: striving to bridge the research side with the applicability of Nanomedicine to the benefit of the patient and to find best practice for interdisciplinary cooperation in order to achieve this. *The participants* will discuss the promise and limits of nanomedical tools, techniques, and materials in the context of unsolved medical problems. They will also address questions of sustainability, toxicity, ethics, and the societal and environment impact. *In depth sessions* will be a new element in the conference 2010: To specific clinical topics on the second day of the conference there will be parallel sessions that enable to go profoundly into detail.

Call for Papers

Papers submitted must cover original research aimed at later or current clinical application of nanoscience. This includes clinical trial designs, reports of ongoing and completed clinical trials, preclinical work, and technology papers with a clinical long-term vision.

Submitted papers will undergo peer grading; accepted papers are chosen for [oral or poster presentation](#). Oral sessions will include: • **Sessions on the following clinical topics:** nanomedicine for cardiovascular disease, oncology, haematology, neurology / neurosurgery, implants, inflammation, orphan diseases, dermatology, eye disease, ear disease, tissue repair, orthopaedics and many others. • **Technology sessions, including nano-systems,** nanoparticles, nanoanalytics and diagnostics, toxicology, nano-imaging, targeted drug delivery using nanoparticles, GMP and quality assurance, and others • **Sessions focusing on the implications** of nanomedicine for society, developing countries, the environment, public health finance and other subjects. • **Sessions describing** in detail unsolved medical problems for which a novel solution is proposed. • **Sessions proposing novel hypotheses,** concepts and ideas, if they can be supported by thorough reasoning. **Papers must be submitted by March 5, 2010 at the latest.** The submission must be written in Microsoft Word, RTF, or Open document file format, using 11 point font size with single spacing and must fit on two pages, including metadata and figures. All illustrations, figures, and tables are placed within the text at the appropriate points. Detailed information is on the CLINAM website. Please mail your document to submission@clinam.org . A receipt message will be sent to you. **Due to the many submissions expected for this conference we suggest that you send your submission as soon as possible. Reviewing will start as from end of October, 2009.**

CLINAM Foyer Exhibition

The organisers invite companies and institutes working in the fields of • regenerative, medicine • diagnostics • targeted drug delivery systems • novel materials for nanoparticles • Imaging • biomaterials, biosensors, biomarkers • nanomedicine-related medical tools and medical instrumentation • existing nanobased clinical medications and further fields. This Exhibition will illustrate the position of nanomedicine today and will invest in validating the milestones within nanomedicine. The CLINAM Exhibition is the platform for showing an interdisciplinary public with a large number of clinicians the materials, tools and technological concepts of nanomedicine. Anyone interested in participating should send a mail to clinam@clinam.org. We will then contact you.

University Village

A part of the exhibition is reserved for universities and research institutes. It gives the opportunity for presenting novel approaches, new research projects and initial outcomes of research and experimental results made in the Universitarian environment. There will be "**Small Talks Sessions**": Posters, results and presented objects within the university village are subject to short presentations in a special session on the second day of the conference. A series of "Small Talks" will be selected amongst the accepted posters and table presentations. "Small Talks" are only 5 minutes in length and will serve to highlight the research activities displayed on the poster. A poster is conditional to be invited for a "Small Talk" The rules are as follows: Each presentation should comprise a maximum of three slides, with very simple graphics (no videos): • **Slide 1** shows the general introduction to the topic, presented in a way that is accessible to the highly interdisciplinary audience, • **Slide 2** should show some of the highlights from your poster, encouraging people to come and talk to you if they want to know more details since there will not be enough time to go through all your topics and scientific data), • **Slide 3** should show how this work fits into the area of nanomedicine and where you see it going in the future.

Interaction Exhibition and University Village – Ideas and Patents

Together with the industrial exhibitors, the University Village will make the CLINAM 2010 meeting an outstanding gathering, where the state of the art in Nanomedicine will be much in evidence. **What innovations have been patented** in nanomedicine and are awaiting industrial implementation? The Exhibition and the University Village serve to show the latest development of inventions in nanomedicine. Therefore, in both sectors posters or exhibits of recently patented nanomedical inventions enable discussion between the inventor, the future manufacturer, and the future user. You will also meet investors and Venture-Experts at CLINAM find in 2010.

Programme Outline

Sunday, May 9, 2010 • General Assembly of the European Society for Nanomedicine • Meeting of the International Society for Nanomedicine • Welcome Dinner with the Speakers of the Conference
Monday, May 10, 2010 Sessions Day • Conference Opening • Roadmap to Translate the Knowledge to Practice • Nanomedicine towards the patient • Unsolved problems waiting for Nanomedical solutions (⇒Viral Infections ⇒Bacterial Infections ⇒Diabetes ⇒Lung Disease ⇒Cardiology ⇒Dermatology ⇒Orphan Disease ⇒Malaria ⇒HIV/ AIDS ⇒Inherited Metabolic Disease ⇒Ear Disease ⇒Aging - ⇒Liver Disease ⇒Blood Brain Barrier / Neurology) • Emerging Nanoscience Technologies for solving medical problems • Late breaking and ongoing clinical trials in nanomedicine in therapy **Debate Panel** • Key conclusions of the Day **Event** • The official CLINAM Evening Event with Dinner and a Surprise **Speech**
Tuesday, May 11, 2010 Emphasis Day on Cancer Nanomedicine • Unsolved Problems in oncology • Basic principles of Nanomedical therapies in cancer: ⇒Nanoparticles interacting with Cells ⇒Nano-particles interacting with the organism / Organ Differential distribution ⇒Nanoparticles interacting with disease ⇒Biomarker detection ⇒Nanotech imaging & monitoring • Clinical Application of delivery and targeting strategies • Clinical evidence from established nanodrugs
Wednesday May 12, 2010 Sessions Day • Unsolved problems waiting for Nanomedical solutions • Emerging Nanoscience Technologies for solving medical problems • Late braking and ongoing clinical trials in Nanomedicine **Debate Panel** Saving Lives vs. Avoiding Risks **Further Sessions** • Nanotoxicology • Shaping international regulations for Nanomedicine Development **Special Session** (to be announced end of February 2010)

First Preliminary List of Speakers

• **Patrick Boisseau**, Coordinator of Nano2Life, PM, CEA-Leti, Grenoble (F) • **Dr. Thomas Braun**, Senior Scientist, University of Basel (CH) • **Prof. Dr. Esther Chang**, Georgetown University Medical Center, Department of Oncology and Otolaryngology Lombardi Comprehensive Cancer Center, Washington (USA) • **Prof. Dr. Patrick Couvreur**, Director UMR, CNRS 8612, Physico-chimie, Pharmaceutique et Biopharmacie, University of Paris-Sud, Chatenay-Malabry • **Prof. Dr. Mike Eaton** Head of Biological Chemistry, UCB, Slough (UK); • **Prof. Dr. Rutledge Ellis-Behnke**, Massachusetts Institute of Technology, Cambridge (USA) and University of Hong Kong (China) • **Prof. Dr. Heinrich Hofmann**, EPFL Laboratoire de Technologie des Poudres, Lausanne (CH) • **Prof. Dr med. Patrick Hunziker**, President, European Society for Nanomedicine, Dep. Head of Clinic for Intensive Care Medicine, University Hospital Basel • **Prof. Dr. Kazunori Kataoka**, Head of Graduate School of Engineering and Division of Clinical Biotechnology, Graduate School of Medicine, University of Tokyo (Japan) • **Prof. Dr. Jean-Marie Lehn**, ISIS, University Louis Pasteur, Strasbourg and Collège de France, Paris, Nobel Prize Laureate, Strasbourg (F) (tbc) • **Prof. Julianna Lisziewicz** CEO of Genetic Immunity, Budapest, (H) • **Prof. Dr. med. Hans Myhre**, University Hospital, Oslo (N) • **Prof. Didier Payen de la Garanderie**, Head Intensive Care Unit, Hospital Lariboisière, Paris (F) • **Prof. Dr. Matthias Pfisterer**, Dept. of Cardiology, University Hospital Basel (CH) • **Prof. Dr. Ilmari Pyykkö**, Head of Otolaryngology, Tampere University Hospital, Tampere (FIN) • **Dr. Heinrich Rohrer**, IBM Fellow, Retired; Nobel Prize Laureate, Wollerau (CH) • **Prof. Giacinto Scoles**, ELETTRA Synchrotron, SISSA and CBM, Area Science Park, Basovizza, Trieste (I) and Biology Department, Temple University, Philadelphia, PA (USA) • **Prof. Peter Paul Speiser**, Emeritus, ETH, Zurich, CH • **Prof. Dr. med Janos Szebeni**, Head Department of Nanomedicine, Bay Zoltán Institute of Nanotechnology, Budapest (H) • **Dr. med Thomas Teuscher**, Head of Department of Nanomedicine Bay Zoltán Institute of Nanotechnology, Budapest (H) • **Prof. Dr. Marcus Textor**, Head of Laboratory for Surface Science and Technology, ETH Zurich • **Prof. Dr. Donald Tomalia**, Director of the National Dendrimer and Nanotechnology Center, Central Michigan University, Michigan (USA) • **Prof. Dr. Claus-Michael Lehr**, Head of the Department Biopharmaceutics and Pharmaceutical Technology, Saarland University, Saarbrücken (D)and further distinguished speakers

Scientific Committee of the Conference

Chairpersons: • Prof. Dr. med. Patrick Hunziker, President of the European Society for Nanomedicine, Basel, (CH) (*Medical Chair*), • Prof. Dr. Gert Storm, member of the Board of Trustees of the European Foundation for Clinical Nanomedicine, Utrecht, (NL) (*Scientific Chair*),

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Further Information

Event Scheduling

Conference: From Sunday, May 9, 5 pm until Wednesday May 12, 4 pm

Exhibition: From Monday, May 10, 10 am until Wednesday, May 12, 2010, 2 pm

University Village: From Monday, May 10, 2010, 10 am until Wednesday, May 12, 3 pm

Organisers

The European CLINAM Foundation for Clinical Nanomedicine, Basel, Switzerland (www.clinam.org) in cooperation with the European Society for Nanomedicine (www.esnam.org)

Responsible: Beat Löffler, MA, CEO and Prof. Patrick Hunziker, MD, CSO of the European Foundation for Clinical Nanomedicine, Basel, Switzerland.

Office

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Target Audience

The faculty of this conference includes pioneers, opinion leaders and active researchers from medicine and nanoscience, who share their experience and interact in a highly interdisciplinary manner that widens the mutual understanding for both sides. The conference and exhibition are aimed at clinical physicians as well as nanoscientists with a background of pharmacology, biology, physics, chemistry, biophysics, materials science and engineering, all involved in the development or clinical application of nanomedicine. The event is also of interest for policy makers, experts from industry in the field of life sciences and those involved in the development of new tools and materials for nanomedicine, as well as all those investigating the potential of future emerging technologies. Experts from venture companies can also acquire knowledge here on both existing and upcoming developments and novel products in the emerging field of nanomedicine.

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- Dr. med. Panagiotis Trohopoulos, Cardiologist and Nano-Physician, Thessalonica.

Conference Fees

	Fee until Jan. 31, 2010	Fee as from Feb. 1, 2010	Fee after April 23, 2010	One day	One day after April 25
Academy esnam member	470.-- €	540.-- €	620.-- €	230.-- €	260.-- €
Academy regular	550.-- €	645.-- €	725.-- €	320.-- €	360.-- €
Industry esnam member	680.-- €	780.-- €	860.-- €	520.-- €	580.-- €
Industry regular	800.-- €	920.-- €	995.-- €	595.-- €	670.-- €
Student esnam member	320.-- €	350.-- €	390.-- €	150.-- €	180.-- €
Student regular	425.-- €	460.-- €	485.-- €	210.-- €	240.-- €

Evening Event on May 10: your contribution to the expenses 45.-- €

When receiving
your registration
the organiser
will send to you
an invoice

Accommodation

The official conference hotel is the Swissôtel Le Plaza***** in 200 m distance from the conference hall. All participants have a special room rate of CHF 285. – (about 175.– Euro), if indicating their participation in the Nanomedicine-Conference. Booking through: Swissôtel Le Plaza, Messeplatz 25, CH-4005 Basel, phone +41 61 555 3333 E-Mail: reservations.basel@swissotel.com . Other hotels can be provided through Basel Tourism: 4-star hotels CHF 180.00 - 220.00, 3-star hotels: CHF 150.00-180.00, 2-star hotels: CHF 130.00 - 150.00 Booking through: Basel Tourism Tel. +41 61 268 68 58 online on www.basel.com under "accommodation".

The reasons to go to CLINAM 2010

- Meet at the established interdisciplinary Event on Clinical Nanomedicine
- Attend the clinical meeting to further the acceleration of the development of Nanomedicine.
- Use Europe's largest platform in Europe for debate between clinical researchers, scientists, engineers and experts from medicine, physics, chemistry, pharmacy, biology, biochemistry and materials science.
- Discuss the promise and limits and implications of Nanomedical tools, techniques, and materials in the context of unsolved medical problems.
- Investigate the clinical evidence from established nanodrugs.

The First Sponsors of the 3rd European Conference for Clinical Nanomedicine



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Further sponsors to be announced in the [2nd Preliminary Program](#)



Registration for the conference

I register for the **Third European Conference for Clinical Nanomedicine**.

	Regular	Member	Early Registration
Academy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Exhibitor ticket (Transferable) (780. -- €; only one transferable ticket per exhibitor)

I participate in the evening event on May 10, 2010 at the support rate of 45. -- €

Title: _____

Last name: _____ First name: _____

Profession: _____ Company / University: _____

Department / Affiliation _____ Address: _____

ZIP code: _____ Town: _____

Country: _____ Phone: _____

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“EXHIBITION” AND “UNIVERSITY VILLAGE” APPLICATION FORM

First Come First Served Basis. Registration Deadline: March 30, 2010

Please note that there is a limitation of space and a maximum of 60 Universities shall be admitted. For the Foyer Exhibition the space is limited to 50 companies. Booths will be assigned on a first come-first served basis. You shall within 10 days of your registration receive a confirmation from the CLINAM Organising Office.

I herewith register as a participant within the

- Foyer Exhibition (for Companies, Industrial Institutes, Societies, Network Groups)
 University Village (for Universities, University-Institutes and Research Labs)

I register as: Company University

Company name/University Name

Responsible: Last Name First Name

Address

Zip..... Town..... Country.....

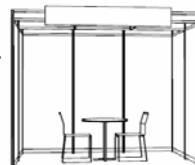
Phone..... Fax

Email.....

Pricing for Exhibitors

Exhibition Space per m², minimum space 4 m², maximum space 20 m² 280 €

Booth construction per m², minimum size 6 m², includes
1 table, 2 chairs, power connection, booth labelling..... 105 €



Transferable Conference Ticket Exhibitors may buy a transferable ticket. It includes the lunches and the CLINAM-Evening Event for one person at the price of 760 €

Pricing for University Village

Village table (10-12 May) includes 1 Table, 2 chairs, 1 pinboard for poster, 580 €
power connection, incl. 1 transferable conference badge, lunch (one person) and Evening Event (one person)

For all optionals and furnishing, please send request to the Exhibition Organisers' Office
Congress Plus, Rosemarie Marty, contact@congress-plus.ch

Place, Date..... legally binding Signature.....

Company Stamp / University Stamp

Please send by mail or fax to the organisers' office (clinam@clinam.org) or +41 61 695 93 90)