Clinical Nanomedicine & Targeted Medicine
From Antibodies to Nanodrugs, Diagnostic Systems and Targeted Delivery

Previous Events on Sunday, June 23, 2013
• General Assembly of the European Society for Nanomedicine (15.30 h)
• Meeting of the International Society for Nanomedicine (16.30 h)
• Welcome Dinner for speakers and invited guests (19.45 h)

CLINAM 6/13 CALL FOR PAPERS

The European Foundation for Clinical Nanomedicine (CLINAM) and the European Technology Platform on Nanomedicine (ETPN) invite you to take part in CLINAM 6/13. It is the prime European gathering on Clinical Nanomedicine and Targeted Medicine that has become internationally indispensable. This year’s focus topic is: “Nanomedicine & Targeted Medicine – the paradigm of precise, highly effective and innocuous medicine for the benefit of patients and mankind”. In 2013 we aim to presenting the lessons learned and also facts and figures regarding the development and characterization of nanomedicines as they are now available for improving the translation from Research to Nanomedicine and Targeted Medicine from all perspectives. The awareness of clinicians has largely increased and, besides existing nanodrugs, a significant number of proof-of-concept studies are under development at universities and SMEs. Many of them are awaiting their improved development for the benefit of patients. This is attracting the venture capital community to invest in the field. For large pharmaceutical companies Targeted Medicine is a rapidly developing topic. Diseases not only cause widespread suffering, but also generate huge costs that are a challenge to healthcare systems in both developed and developing countries. New paradigms are needed from the clinical, pharmaceutical and economic perspective, and these are the topic of this conference.

- The interdisciplinary faculty of all stakeholders in Nanomedicine and Targeted Medicine is intended to generate novel ideas in Basel for making innovative drugs and devices available for applied medicine in diagnostics and therapy.

- In-depth sessions will identify the challenges and indicate solution strategies for Nanomedicines and Targeted Medicines.

- The acknowledgement that “Nanosize” can be instrumental for living processes is on the rise and is inspiring novel diagnostic and therapeutic solutions.

- The 2013 summit, organized by CLINAM and ETPN, strives to bring together the most skilled people in an effort to help shape this scientific field and thereby push the boundaries of cutting-edge Nanomedicine and Targeted Medicine.

- ETPN promotes plans for setting up a Public Private Partnership in the area of Nanomedicine as it is clear that Europe must invest more in this challenging and globally competitive field of Europe’s knowledge society. Nanomedicine is interdisciplinary, but it will impact specific avenues of medicine in the future. There is a clear strategic agenda, which demands funding to support this pivotal field for research and industry. It can be expected to result in a wave of novel applications that will create products out of research.

- The CLINAM Foundation places special emphasis on presentations of clinical trial outcomes and of increasing translation or research results towards product development.

- CLINAM 6/13 is the key event for bringing together the expertise of regulators, government members, clinicians, biologists, physicists, chemists and engineers, investors, major industry players and SMEs.

CLINAM 6/13 is held from June 23 – 26, 2013 in Basel, Switzerland at the Congress Center Basel
WELCOME TO CLINAM 6/13 in Basel, Switzerland from June 23-26, 2013

CLINAM 6/13 is for Clinicians

• State of the Art of Targeted Medicine at Clinic • Why Targeted Medicine and Nanomedicine will be keynote in Effective Innocuous and Cost Efficient Therapy • The Basics of Nanomedicine and Targeted Medicine • The Advantages of Targeted Medicine and Nanomedicine Compared to Conventional Pharmacotherapy • Applications in Cancer, Inflammation/Infection, Cardiovascular Disease, Metabolic Disease • Clinical Trials and Late Breaking Results of Drugs and Devices • Implication for the Practice • 24 Credit Points in Switzerland and Europe for full participation Research Community in Nanomedicine and Targeted Medicine • State of the Art in Targeted Medicine and Nanomedicine • Insight into the Development of Research in Novel Medicine • Highly Interdisciplinary debates shaping the picture of Development in Targeted Delivery • Being an expert - meet the expert - Debate actions and common Projects • Get firsthand Information from Regulation Authorities, EU Authorities and Policy makers • Shape Relations to synergic Institutions creating common applications to European and International Calls

CLINAM 6/13 is for Industry Members

• Meet the clients for Existing and Novel tools and technologies for Targeted Medicine / Nanomedicine • Offer your Business options, Projects & Plans assisting to the Development of Targeted Medicine and Nanomedicine • Debate with University Researchers how to be your Partner in order to reach Translation to Applicable Product • Get Insight in the State of the Art of the EU-Framework Programme Supported Projects in Targeted Medicine • Meet the Regulatory Authority Leaders from All Continents to debate Progress for Standard and Certification • Look at Late Breaking Trials and Results of Innovative Start-up Companies and University Groups • Meet and Debate Venture Capital Members and Policy Makers to shape the Industrial Upcoming Market • Discover novel Cooperation Partners from free Research to Bring Novel Results together to Market • Assist to Setting the Standards for Nanomedicine and Targeted Medicine • Participate in the Brokerage Platform for Young Promising Start-Up Companies and University Leaders investigating future Co-Operation • Use the Conference for your Presentation within the Industrial Speech-line

CLINAM 6/13 is for Government and European and States Authorities

• Regulatory Authority Leaders from, Europe, USA, Japan, Australia, Canada, South Africa, China, Russia • Government Authorities related to Health, specifically from National Health and Regulation Institutions • Funding Agencies in Physics, Chemistry, Nanotechnology and Materials Technology • Policymakers of Governmental Institutions • Politicians, EU Representatives in the field of Medicine and Health

CLINAM 6/13 is for University Leaders and Venture Scouts

• Leaders and Researchers in the field of Nanomedicine and Targeted Medicine from Universities with Presentations within the Basel “University Village” of the Exhibition and giving “Small Speeches” • Venture Companies and Scouts in the Life Sciences Sector concentrating on the young Start-ups

CLINAM 6/13 is for Exhibitors

• Industry and Research Institutes in Nanomedicine and Targeted Medicine, • Delivery of Biocompatible Vehicles and Excipients • Functional Materials • Novel Pathways for Drug Delivery • Particles and Delivery Concepts • Tools / Procedures for Nanomedicine & Targeted Medicine • Drug Delivery Devices • Visualization Tools / Microscopes (Regular, Fluorescent, AFM etc.) • Imaging Structures • Screening Tools and Software • Nanoparticle-Design • Device Construction • Nano-Fabrication for Health Sciences • Modeling and Simulation • Pharmaceutical Manufacturing • Biotechnology Products for Nanomedicine and Targeted Medicine • Services for Toxicology Assessment • Clinical Trial Support Services • Regulatory Submission Assistance • Patenting Offices, Business Case Lounges

CLINAM 6/13 is for Manufacturers and Service Providers

• Meeting the client for materials • Analytical Services, • Manufacturing of Characterization
1. Scientific Committee of the Conference

- Prof. Dr. med. Patrick Hunziker, University Hospital Basel (CH) (Chairman)
- Prof. Dr. Yechezkel Barenholz, Hebrew University, Hadassah Medical School, Jerusalem (IL)
- Beat Löfler, MA, European Foundation for Clinical Nanomedicine (CLINAM), Basel (CH)
- Prof. Dr. Gert Storm, Institute for Pharmaceutical Sciences, Utrecht University, Utrecht (NL)
- Prof. Dr. Marisa Papaluca Amati, European Medicines Agency, London (UK)
- Prof. Dr. Janos Szebeni, Bay Zoltan Ltd and Semmelweis/Miskolc Universities, Budapest (H)
- Prof. Dr. med. Christoph Alexiou, Head and Neck Surgery, University Hospital Erlangen (D)
- Prof. Dr. Claus-Michael Lehr, Helmholtz-Institute for Pharm. Research Saarland (HIPS), Saarbrucken (D)
- Patrick Boisseau, CEA-Léti, Chairman of the Board of the ETPN, Grenoble (F)
- Prof. Dr. Viola Vogel, Laboratory for Biologically Oriented Materials, ETH, Zürich (CH)
- Prof. Dr. Jan Mollenhauer, University of Southern Denmark and NanoCAN, Odense (DK)
- Dr. Yanay Ofran, Systems Biology & Functional Genomics, Bar Ilan University, Ramat Gan (IL)

2. Joint Collaborators

- European Foundation for Clinical Nanomedicine (CLINAM), Basel (CH)
- European Technology Platform on Nanomedicine (ETPN), Berlin (D)
- The International Association for Pharmaceutical Technology, Focus Group “Drug Delivery” (APV), Mainz (D)
- European Society for Nanomedicine (ESNAM), Basel (CH)
- Helmholtz Institute for Pharmaceutical Research Saarland (HIPS), Saarbrücken (D)
- BioNanoNet Research Association” (BioNanoNet), Graz (A)
- EU, Directorate-General for Research & Innovation (RTD), Brussels (B)
- European Association for Predictive and Preventive and Personalized Medicine (EPMA) Brussels (B)
- European Platform for Photodynamic Medicine (EPPM), Hull (UK)
- European Materials Research Society (E-MRS), Strasbourg (F)

3. Target Audience

The faculty includes the pioneers and opinion leaders in the fields of medicine, nanoscience and targeted medicine, who share their experience in an interdisciplinary and interactive manner that widens mutual understanding for both sides. The conference and the exhibition are aimed at physicians, as well as nanoscientists with a background in pharmacology, biology, physics, chemistry, biophysics, medicine materials science and engineering. The meeting is of high knowledge profit for the community of targeted medicine and targeted delivery. The conference is also of interest for policymakers, experts from industry in the field of life sciences, developers of new tools and materials for nanomedicine, all those investigating the future potential of emerging technologies. Experts from venture companies can acquire knowledge on existing and upcoming developments and novel products in the emerging field of Nanomedicine. Government Authorities related to health profit of the regulator’s sessions.

4. Programme-Topics

Enabling Technologies for Nanomedicine and Targeted Medicine
- a) The Vehicles of Delivery
- b) Targeting Strategies for Delivery
- c) Target Receptors & Biomarkers
- d) Pathway Targeting
- e) Novel Diagnostic Tools as Enablers of Targeted Medicine
- f) Implants & Regenerative Medicine

Biology and Clinical Practice of Nanomedicine and Targeted Medicine
- a) Physiology Aspects
- b) Overcoming Biological Barriers
- c) The Systems Biology of Targeted Intervention
- d) Pharmacological Fundamental Principles of Targeted Medicine
- e) Individualized Targeting

Translation from Research to Marketed Products
- a) Material Characterization
- b) Toxicity Assessment & Prediction
- c) Quality Requirements for Translation
- d) Clinical & Business Considerations for Translation
- e) Competitive Targeted Delivery
- f) Regulatory Pathways

Late Breaking and Ongoing Trials, Results and Aspects
- a) Results of Trials in Phase 1,2 and 3 on Nanomedicine
- b) Novel results in Targeted Medicine

Results, Procedures and Economical Aspects in Nano- and Targeted Medicine
- a) Clinical Trial Design
- b) Clinical Cost Efficiency
- c) Modeling & Simulation in Clinical Medicine
Ethical and Societal Implications
a) Keynote lecture on Ethics in Today’s and Tomorrow’s Medicine b) Debate on the Sociological and Philosophical Implications of Nanomedicine and Targeted Medicine

Demonstration Sessions about running Projects within the Framework Programmes of the EC
a) NANOURED2020 b) NanoAthero c) DiscoGnosis …and further projects

Regulation Environment in Nanomedicine and Targeted Drug Delivery / Political Matters
a) Regulatory Authority Leaders from, Europe, USA, Japan, Australia, Canada, South Africa, China and Russia b) ETP Nanomedicine Policy – Industry Table c) c) Interplay between industry, academia, politics and regulators

Poster Sessions & Debate & “Small Speeches
a) Presentation of Posters b) Poster Prizes c) University Village “Small Speeches” (see paragraph I on page 6)

5. In-Depth Sessions

Strategies Session
Requirements to get from Research to Drug in Phase 1 (Focus: Create winning project design)

Lessons Learned Session
Lessons learned by NCI’s Nanotechnology Characterization Lab (NCL), USA
a) Physicochemical characterization including surface characterization, purification, residual manufacturing components; b) Sterility and endotoxin; c) Biocompatibility of components; d) Nanoparticle in vivo stability and drug release rates; e) Nanomaterial ADME/TOX and pharmacokinetics; f) Nanomaterial immunotoxicity; g) Scale up and batch-to-batch consistency; h) Linking physicochemical characterization to safety and efficacy; i) Case studies from NCL preclinical characterization, with details on specific nanomaterials, issues/problems encountered during NCL testing (e.g. impurities, agglomeration, unexpected toxicities, immune reactions, etc.), and how these were overcome.

Targeted and Individualized Cancer Nanomedicine

Drug Delivery Session
Pharmaceutical Development - Requirements to Get from Drug Candidate Selection to Market
(Focus: Explain with case studies or general presentations how pharmaceutical development work progresses for nanomedicine)

Drug Delivery Session
Antibody Drug Conjugates and other Biologicals to Deliver Nanodrugs
a) State of the Art of Antibody Conjugates b) RNA Drug Conjugates c) Peptides as Delivery Agents d) Drugs and Linkers used in antibody conjugates e) Antibodies used in antibody conjugates f) Clinical view on antibody targeting and other methods

Drug Delivery Session
Clinical Nanomedicine: from nano-drugs and antibodies to targeted Nanodrugs
a) Utilizing biologics to deliver nanodrugs b) Clinical aspects of the different approaches c) Antibody fragments d) Chemically self-assembled antibody nanostructures as potential drug carriers

New Materials Session
Advantages of Intelligent and Functional Materials in Nanomedicine
(Drugs with pharmacological with and non-pharmacological action)
- a) Photo caged Nanodrugs b) Enzyme triggered carriers and drugs c) Remote Control of Gene Expression d) Locally activated Nanodrugs e) Magnetic and radiation controlled nanomaterials …and furthers
New Materials Session

Active and intelligent implants and scaffolds in Regenerative Medicine

a) Development of 3D printed and engineered nanostructured implants for regenerative medicine
b) Effective application of stem cells and growth factors in 3D engineered nanostructured implants
c) Drug delivery systems for active scaffolds and implants
d) Methods to enhance cell survival and proliferation at the implant / tissue interface
e) Current and future strategies for bone regeneration
f) Parameters affecting cell survival during events of first contact to biomaterial

6. Some Speakers in the Summit 2013

• Prof. Dr. med. Christoph Alexiou, Head and Neck Surgery, University Hospital Erlangen (D) • Dr. Christopher R. Anzalone, President and CEO Arrowhead Research Corporation Pasadena, California (USA) • Prof. Dr. Yechzekel Barenholz, Hebrew University, Hadassah Medical School, Jerusalem (IL) • Prof. Dr. Gerd Binnig, Nobel Laureate and founder of Definiens AG, München (D) • Patrick Boisseau, CEA-Leti, Head of the Business Development Nanomedicine and Chairman of the European Technology Platform on Nanomedicine, Grenoble (F) • Dr. Karsten Cremer, European Patent Attorney, Pharma Concepts GmbH, Berlin (D) • Prof. Dr. Lajos P. Balogh, Editor-in-Chief, Nanomedicine: Nanotechnology, Biology and Medicine (Elsevier), Boston (USA) • Dr. Marco de Boer, Head of Research, to-bbb, Leiden (NL) • Prof. Dr. Reto Brun, Head Parasite Chemotherapy Swiss Tropical and Public Health Institute Basel (CH) • Prof. Dr. Rafael Capurro, Hochschule der Medien (HdM), President of the International Center for Information Ethics (ICIE) Stuttgart (D) • Dr.Jeff Clogston, NCL Chemist, Nanotechnology Characterization Laboratory, National Cancer Institute, Frederick, MD (USA) • Prof. Dr. med. Vincenzo Costigliola, President of the European Medical Association (E.M.A.), President of the European Association for Predictive and Preventive & Personalised Medicine (EPMA), Brussels (B) • Dr. Neil P. Desai, Senior Vice President, Global Research & Development, Abraxis BioScience LLC, Los Angeles (USA) • Dr. Marina Dobrovolskaja, NCL Immunologist, Nanotechnology Characterization Laboratory, National Cancer Institute, Frederick, MD (USA) • Prof. Dr. Rutledge Ellis-Behnke, Director of the Nanomedicine Translational Think Tank, Department of Ophthalmology, Medical Faculty Mannheim, Ruprecht-Karls-University, Heidelberg (D) • Prof. Dr. M. Foldvari, D.Pharm. Sci, Canada Research Chair in Bionanotechnology and Nanomedicine, School of Pharmacy, University of Waterloo (CND) • Heico Frima, European Commission, Directorate-General for Science & Innovation (Brussels) • Prof. Dr. Stefan Harrer, Research Staff Member, IBM Research Division, IBM Australia Research Laboratory, Carlton, VIC, (AUS) • Prof. Dr. med. Patrick Hunziker, President of the European Society for Nanomedicine, Basel, (CH) • Dr. Peter van Hoogeveest, Head Scientific Department, Lipoid GmbH, Heidelberg(D) • Prof. Dr. Costas Kostarelos, PhD, FRSM, FloN, FRSA, Chair of Nanomedicine, Head, Centre for Drug Delivery Research Nanomedicine Lab, UCL School of Pharmacy, University College London (UK) Dr. Sebastian Lange, Managing Director of the European Technology Platform on Nanomedicine, Berlin (D) • Dr. Claus-Michael Lehr, Head, Department of Drug Delivery (DDEL), Helmholtz-Institute for Pharmaceutical Research Saarland (HIPS), Saarland University, Saarbrucken (D) • Dr. Laurent Lévy, CEO of Nanobiotix and Co-President, French Technology Platform on Nanomedicine, Paris (F) • Prof. Dr. Julianna Lisziewicz, CEO, Genetic Immunity, Budapest (H) • Beat Löfler, MA, CEO of the European Foundation for Nanomedicine, Basel (CH) • Prof. Dr. Witold Łojkowski, Head of the Instytut Wysokich Ciśnien PAN, Institute of High Pressure Physics, Polish Academy of Sciences, Warszawa (PL) • Dr. Scott McNeil, NCL Director, Nanotechnology Characterization Laboratory, National Cancer Institute, Frederick, MD (USA) • Dr. Robert D. Miller, NAE, Manager for Advanced Organic Materials, IBM Almaden Research Center, San Jose CA (USA) • Prof. Dr. Jan Mollenhauer, University of Southern Denmark Head Molecular Oncology Director of Lundbeckfonden Center of Excellence in Nanomedicine NanoCAN, Odense (DK) • Prof. Dr. Bert Müller, Thomas Straumann Chair for Materials Science in Medicine, University Basel (CH) • Dr. Yanay Ofran, Systems Biology & Functional Genomics, Bar Ilan University, Ramat Gan (IL) • Dr. Anil Patri, NCL Chemist, Nanotechnology Characterization Laboratory, National Cancer Institute, Frederick, MD (USA) • Prof. Dr. Marisa Papaluca Amati, Head of Scientific Support and Projects, European Medicines Agency, London (UK) • Dr. Zoe Pikramenou, MRSC CChem, School of Chemistry, University of Birmingham, Edgbaston (UK) • Dr. Bernd Riebesehl, Principal Fellow, Novartis Pharma, Basel (CH) • Dr. Douglas K. R. Robinson PhD, MSS, MPhys, Managing Director, Tegnode Sari, Paris (F) • Prof. Dr. Eder Lilia Romero Programa de Nanomedicas, Universidad Nacional de Quilmes, Buenos Aires (AR) • Prof. Barbara Rothen-Rutishauser, Chair Bio-Nanomaterials, Adolphe Merkle Institute, Université de Fribourg, Marly (CH) • Dr. Ruth Schmid, Chief Business Developer SINTEF Materials and Chemistry
Synthesis and Properties Polymer Particles and Surface Chemistry, Trondheim (N) • Prof. Dr. G. Scoles, University Hospital, University of Udine, Udine (I) and Biology Department, Temple University, Philadelphia, PA (USA) • Prof. Dr. med. Patrick W. Serruys, MD, PhD, FACC, FESC, Head, Interventional Cardiology Department of the Thoraxcenter, Erasmus Medical Center, Rotterdam, (NL) • Dr. Andrei P. Sommer, Institute of Micro and Nanomaterials, Nanobionic Laboratory, University of Ulm (D) • Prof. Dr. Gert Storm, Institute for Pharmaceutical Sciences, Utrecht University, Utrecht (NL) • Dr. Rudolf Strohmeier, Deputy Director General of the DG for Research, Brussels (B) • Dr. Stephan Stern, DABT, NCL Toxicologist, Nanotechnology Characterization Laboratory, National Cancer Institute, Frederick, MD (USA) • Dr. Robert Sum, Head of Marketing & Business Development. Nanosurf Ltd., Liestal (CH) • Prof. Dr. med. Simo Schwartz, Jr., PhD, Nanomedicine Coordinator Molecular Biology and Biochemistry, Research Center for Nanomedicine (CIBBIM-Nanomedicine) Vall d’Hebron Univ. Hospital Research Institute, Barcelona (SP) • Prof. Dr. med. Janos Szebeni, Director, Nanomedicine Research and Education Center, Bay Zoltan Ltd/Semmelweis / Miskolc Universities, Budapest (H) • Prof. Dr. Donald Tomalia, Columbia University, NY, NY, Affiliate Professor Virginia Commonwealth University, Richmond, VA, CEO/Founder NanoSynthons LLC National Dendrimer & Nanotechnology Center, Mt. Pleasant MI, External Faculty (School of Pharmacy), University of Wisconsin, Madison, WI (USA) • Prof. Dr. Viola Vogel, Department of Materials Laboratory for Biologically Oriented Materials, ETH Zürich, Zürich (CH) • Prof. Dr. med. Yuri Volkov, Department of Clinical Medicine, Trinity College Dublin (IRL) • Hans van der Voorn, BE (Hons), Executive Chairman, IZON SCIENCE Ltd, Christchurch, (NZL) • Dr. Marie-Luise Wippermann, Tecomedical Ltd Sissach (CH) • Prof. Dr. Ada Yonath, Nobel Laureate, The Martin S. and Helen Kimmel Professor of Structural Biology Director, The Helen and Milton A. Kimmel Center for Biomolecular Structure and Assembly, Structural Biology Department, Weizmann Institute of Science, Rehovot, (IL)

7. Submission of Posters and Papers

a) Scientific and clinical fields

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

b) Session Fields of Papers and Posters

Clinical Topics: Sessions on clinical topics nanomedicine and targeted medicine for cardiovascular disease, rheumatic disease, oncology, gastrointestinal/hepatic disease, bacterial infection, viral infection, parasitic Infection, implant infection, tuberculosis, hematology, neurology, neurosurgery, implants, implantation, inflammation, orphan diseases, eye disease, ear disease, HIV, tissue repair, orthopedics, etc. Sessions on technology: Nano-systems, nano-particles, nano-analytics and diagnostics, toxicology, nano-imaging, targeted drug delivery using nanoparticles, GMP and quality assurance, and others, propositions for solving a medical problem in a novel way by the use of nano-technology, novel concepts and ideas if they can be supported by thorough reasoning and could lead to novel research and solutions, materials for use in Nanotechnology and Targeted Medicine Sessions on the Implications: Implications of nanomedicine for society, developing countries, the environment, risks and benefits, public health finance, health economics, and other subjects.


c) Submission format and Procedure:

Please send us your paper, a short CV and your portrait photo in gif or jpg to the address submit2013@clinam.org. The submission must be written in Microsoft Word, RTF, or Open document file format, using Times New Roman 12 point font size with single spacing and must not be longer than three pages, including metadata and figures (one figure is obligatory). All illustrations, figures, and tables are placed within the text at the appropriate points. Check if you have included the following material before submitting: • Your paper / poster • Your short CV (½ - max. 1 page) • A portrait photo in best resolution (jpg or gif and not word copy paste!)• Your short CV

• A portrait photo in best resolution (jpg or gif and not word copy paste!)

d) Need for Invitation letters for Visa

If you need an official invitation letter in order to get a visa, please state this in a separate letter and include your passport number and all necessary documents that the Embassy in your country asks for. Include this document marked as “Invitation Need”.

6
e) Application for Fellowships
Fellowship does not include the welcome dinner, the farewell dinner and the evening brokerage dinner. There are 3 different grades of Fellowship.  1. Reduced ticket: 250.-- € for Students; 400.--€ for Academia; 650.-- € for Government; 800.-- € for Industrial SME’s.  2. Fully waived ticket  3. Fully waived ticket, Travel Support and maybe / or accommodation (10-100%) Eligibility: In order to get a Fellowship you must address a letter (attachment to mail and not inserted mail) to the Board of the CLINAM Foundation, stating good arguments why the CLINAM Foundation should support you. State clearly which Fellowship you apply for. Besides the letter you need a reference letter by a Superior of your organization stating the motivation of your application. You shall after application receive a decision in written form. Send your application to Fellow@clinam.org

f) Deadline for submission of papers and of posters
The deadline for interventions submission is April 15, 2013. Submitted papers will undergo peer grading. Accepted papers are chosen for oral short lecture or poster presentation. The deadline for Poster-only submission is May 15, 2013

g) Notification on acceptance or rejection and online registration
The decisions of acceptance or declination of your submitted work will be taken by May 5, 2013. You will receive a “Decision Form” which – in case of acceptance – has to be returned within 3 days after receipt. After this you have to register until June 1, 2013 and will receive a bill which is to be paid before the conference at latest by June 15, 2013.

h) Presentation Times and Size of Posters, Installation of Posters
Posters will be located in the Foyer visible for all conference attendees. The meeting breaks and lunches will be the preferred time to study the posters. During lunch and breaks the authors are asked to be present close to their poster. After the sessions of the the second day of the conference during the Aperitif some time is dedicated to viewing the posters. Posters are to be presented in the size of 1.40 meter high and 1.00 meter wide. There will be the CLINAM-Poster Prize as well as the special poster award for Nanotoxicology by the European Center for Nanotoxicology, Graz. Poster installation is on June 24 as from 06.30 until 8.15 h.

i) “Small Speech” Sessions
Poster presenters and University Village members are eligible for presentations in a special session of Small Speeches, 3 minutes in length and serving to highlight the research activities in Nanotechnology and Targeted Medicine. They must comprise a maximum of three slides, • Slide 1: general introduction to the topic of your field, presented in a way that is accessible to the highly interdisciplinary audience • Slide 2: some of the highlights of submitters work and institutions work • Slide 3: the proof, how the work fits into the area of Nanomedicine including showing the future. Application for Small Talk Sessions are possible any time after acceptance of your Poster in written.

j) If you have Questions
For further questions please contact our submission team at submiss2013@clinam.org

8. Fees and Registration for the Conference (For Questions: clinam@clinam.org or call + 41 61 695 93 95)

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<thead>
<tr>
<th>ONLINE REGISTRATION IS MANDATORY FOR ALL: Participants, Invited and Submitted Speakers, Poster-Presenters and Exhibitors! Please go <a href="http://www.clinam.org">www.clinam.org</a></th>
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<td>Member Fee counts for Members of the European Society for Nanomedicine - go <a href="http://www.esnam.org">www.esnam.org</a></td>
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<th>Currency is Euro</th>
<th>Early Booking until February 10, 2013</th>
<th>Late Booking after June 15, 2013</th>
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<td><strong>Category</strong></td>
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<td><strong>Academy</strong></td>
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<td><strong>Student</strong></td>
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**WHEN REGISTERING FOR EVENING EVENT:** Your share to the Brokerage Dinner on Monday, June 24, 8.15 pm is 55.-- € and will be invoiced in addition.
9. Credit Points for Continuous Education of MD’s

For this Event credit points are applicable for Medical Doctors in Switzerland. The procedure is applied for whole Europe at the European Union of Medical Specialists (UEMS).

10. Responsibility for the Conference & Exhibition & University Village

European Foundation for Clinical Nanomedicine (CLINAM Foundation)
Beat Löfler, MA, CEO; Prof. Dr. med. Patrick Hunziker, CSO; Dr. Sebastian Lange, Managing Director of the European Technology Platform on Nanomedicine, Berlin (D)
Correspondence: European Foundation for Clinical Nanomedicine (CLINAM-FOUNDATION) Alemannegasse 12, P.O. Box, CH-4016 Basel, Switzerland Phone: + 41 61 695 93 95 Fax: + 41 61 695 93 90 Mail: clinam@clinam.org.

11. The people behind the CLINAM and ETPN

The European Foundation for Clinical Nanomedicine

The CLINAM-Foundation is a nonprofit organisation that brings together the leading physicians in Nanomedicine on a European and international level; it provides a network for actively engaged professionals in clinical Nanomedicine. The CLINAM-Foundation fosters the interdisciplinary cooperation of medical doctors with experts from research and industry in other fields of life sciences. Its purpose is to accelerate specifically the genesis of innovation within Nanomedicine.

The Board of Trustees

Dr. iur. Alexander Gutmans, LLM, Attorney at Law, Basel (CH) (President) Prof. Dr. med. Patrick Hunziker
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• Dr. Nadia Benkirane-Jessel, Research Director INSERM, University of Strasbourg (F) • Patrick Boisseau, CEA-Leti-Minatec, Chairman of the Board of the ETPN, Grenoble (F) • Prof. Dr. Dr. h.c. Fritz Bühler, Coordinator, IMI PharmaTrain, Basel (CH) • Prof. Dr. med. Victor Brantl, M.Sc., Head Quality Development and Pharmacovigilance, R&D Acino Pharma AG, Aesch (CH)) • Dr. Andreas Burckhardt, Chairman of Bâloise Group, Basel (CH) • Dr. Peter Burckhardt, CEO, EVA The Basel Life Sciences Start-up Agency, Basel (CH) • Dr. Beat Butz, Coordinator of the Swiss National Foundation, Bern (CH) • Prof. Dr. med. Jacques Chambon, French Academy of Sciences, Paris / Strasbourg (F) • Prof. Dr. Edwin C. Constable, Vice Principal and Head of Research of the University of Basel (CH) • Prof. Dr. med. Patrick Couvreur, Centre d’études Pharmaceutiques (CNRS), Paris (F) • Prof. Dr. Mike Eaton, London (UK) • Dr. Christoph Eymann, Member of the Governing Council of the Canton of Basel, Basel (CH) • Prof. em.Dr. Peter Gehr, Former Chair of the Institute of Anatomy, University Bern, Bern (CH) • Dr. Peter Gloor, Honorary Chairman of the Association Regio Basiliensis, Basel (CH) • Prof. Dr. Theodor Guentert, Scientific Advisor and Senior Vice President at F. Hoffmann-La Roche Ltd., Basel (CH) • Prof. Dr. Gerda Huber, Director of School of Life Sciences, Muttenz (CH) • Dr. Silke Krol, Fondazione IRCCS Istituto Neurologico “Carlo Besta” IFOM-IEO-campus, Milan (I) • Prof. Dr. Costas Kostarelos, PhD, FRSM, Fion, FRSA, Chair of Nanomedicine, Head, Centre for Drug Delivery Research Nanomedicine Lab ,UCL School of Pharmacy, University College London (UK) • Prof. Dr. Karl J. Lackner, President, German Association for Clinical Chemistry and Laboratory Medicine, Mainz (D) • Prof. Dr. Jean Marie Lehn Nobel Laureate, ISIS, Université Louis Pasteur, Strasbourg and Collège de France, Paris, Strasbourg / Paris (F) • Prof. Dr. med. Klaus Lindpaintner, CSO Analytical Technologies, ThermoFisher Scientific, Waltham, MA (USA) • Prof. Dr. Stergios Logothetidis, Aristotele University of Thessaloniki (GR) • Prof. Dr. Witold Łojkowski, Head of the Instytut Wysokich Ciśnien PAN, Institute of High Pressure Physics, Polish Academy of Sciences, Warszawa (PL) • Prof. Dr. med. Peter Meier-Abt, University of Basel (CH) • Prof. Dr. Jan Mollenhauer, University of Southern Denmark, Head
Molecular Oncology, Odense (DK) • Prof. Dr. Hans Myhre, Surgeon at the University Hospital, Oslo (N) • Dr. Heinrich Rohrer, Physicist, Nobel Laureate, Wollerau (CH) Dr. Bernd Riebesehl, Principal Fellow Novartis Pharma AG, Basel (CH) • Dr. med. Dieter Scholer, Member of the Swiss Academy of Medical Sciences, Basel (CH) • Prof. Dr. Christian Schönberger, Director of the Swiss Nanoscience Institute, Basel (CH) • Peter Schöherr, Past Ambassador of the Netherlands, Berne (CH) • Prof. Dr. med. Jürg Schifferli, Head Internal Medicine, University Hospital Basel, Basel (CH) • Prof. Dr. G. Scoles, University Hospital of the University of Udine, Udine (I) and Temple University, Philadelphia (USA) • Prof. Dr. Joachim Seelig, Biozentrum, Basel (CH) • Prof. Dr. Paul Siffert, Secretary General, European Research & Materials Society (EMRS). Strasbourg (F) • Prof. Dr. Frank Sinner, Director of the BioNanoNet-Research Society, Graz (A) • Prof. Dr. med. Janos Szebeni, Director, Nanomedicine Research and Education Center, Bay Zoltan Ltd and Semmelweis/Miskolc Universities, Budapest (H) • Prof. Dr. Donald Tomalia, Director of the National Dendrimer & Nanotechnology Center, Central Michigan University (USA) • Dr. med. Panagiotis Trohopoulos, Cardiologist and Nano-Physician, Thessaloniki (GR)

The European Technology Platform on Nanomedicine

The ETP Nanomedicine is the initiative led by industry and set up together with the European Commission, addressing the application of nanotechnology to achieve breakthroughs in healthcare. The ETP supports its members in coordinating their joint research efforts and improving communication amongst the members as well as towards the European Commission and the European Member States. The Policy Objectives are to • Establish a clear strategic vision in the area resulting in a Strategic Research Agenda • Decrease fragmentation in nano-medical research • Mobilize additional public and private investment • Identify priority areas • Boost innovation in nanobiotechnologies for medical use. Three key priorities have been confirmed by the stakeholders: • Nanotechnology-based diagnostics including imaging • Targeted drug delivery and release • Regenerative medicine. Furthermore, the dissemination of knowledge, regulatory and IPR issues, standardization, ethical, safety, environmental and toxicity concerns, as well as public perception in general and input from other stakeholders such as insurance companies or patient organizations play an important role.

The ETPN Executive Board

Patrick Boisseau, Head Business Development Nanomedicine Microtechnologies for Biology and Healthcare Division Nanomedicine, Nanomedicine Research Fellow CEA, and Chairman of the ETPN Executive Board, Grenoble (F)
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Dr. Klaus-Michael Weltring, Bioanalytik-Münster e.V., Münster (D)
Dr. Sebastian Lange, VDI/VDE-IT, Berlin (D)

12. CLINAM 6/13 Satellite Meetings

During CLINAM 6/13 there will be for the first time several satellite events by to Nanomedicine and Targeted Medicine. The participants of these in the order of 3 hours-meetings will give the participants ample chance to also visit lectures within the CLINAM Programme and have ample time for discussions with the international delegates of the CLINAM 6/13 Satellites: • Priority Program 1313 (SPP1313), Biological Responses to Nanoscale Particles, of the Deutsche Forschungsgemeinschaft (DFG) • National Research Program 64 (NRP 64), Opportunities and Risks of Nanomaterials, of the Swiss National Science Foundation (SNSF) • National Research program 62 (NRP 62), Smart Materials, of the Swiss National Science Foundation (SNSF) .. and further meetings

The Preliminary Programme will be available in February, 2013 The Programme of CLINAM 6/13 are subject to changes
Exhibition

The European CLINAM & ETPN Summit on Clinical Nanomedicine & Targeted Medicine from June 23-26, 2013 is the gathering for large, small and medium sized companies, institutes and labs that aim at a relation with the community of Clinical Nanomedicine and Targeted Medicine. Here they meet the opinion leaders, the pioneers and the experts of Nanomedicine and targeted medicine who are driving cutting edge in Nanomedicine and Targeted Medicine. 400 community members from 30 countries are expected who will be eager to see the exhibitor’s capacities, capabilities, tools, devices, consumables and services and last but not least their strategies of excellence. This is the place where new business cases between industrials from pharma- and from technology-companies will come up. Here you will find the lounges to debate and set the frames for future cooperation between experts.

In contrast to the layout for a broad mix of participants you will meet here the community on a neatly arranged meeting entirely dedicated to the field. - 2013 is the moment to enter as Exhibitor into CLINAM, encountering the following landscape: • Industry and Research Institutes in Nanomedicine and Targeted Medicine • Delivery of Biocompatible Vehicles and Excipients • Functional Materials • Novel Pathways for Drug Delivery • Particles and Delivery Concepts • Tools / Procedures for Nanomedicine & Targeted Medicine • Drug Delivery Devices • Visualization Tools / Microscopes (Regular, Fluorescent, AFM etc.) • Imaging Structures • Screening Tools and Software • Nanoparticle-Design • Device Construction • Nano-Fabrication for Health Sciences • Modeling and Simulation • Pharmaceutical Manufacturing • Biotechnology Products for Nanomedicine and Targeted Medicine • Services for Toxicology Assessment • Clinical Trial Support Services • Regulatory Submission Assistance • Patenting Offices ...and further fields

University Village

As every year in Basel a "University Village” gives ample chances to be updated on the state of the Art at the Universities of Europe and on an international level. Participating in this part of the exhibition is reserved to Universities, Institutes and Reserarch Organizations at a price of 200 Euro for a Table, Pin Boards and chairs Registration is done by downloading the registration form and sending it to Exhib13@clinam.org. The registration does not include a registration to the conference

Advisory Board for Exhibition, Industrial Speakers and University Village

• Dr. Marie-Luise Wippermann, TecoMedical Ltd Sissach (CH)
• Dr. Bernd Riebesehl, Novartis Pharma, Basel (CH)
• Prof. Dr. Stefan Harrer, IBM Australia Research Laboratory, Carlton, VIC, (AUS) (tbc)
• Dr. Marco de Boer, to-BBB technologies BV, Leiden (NL)
• Dr. Peter van Hoogeveest, Lipoid GmbH, Heidelberg (D)
• Beat Löffler, MA, European Foundation for Clinical Nanomedicine, Basel (CH) (For Organiser)
• Dr. Sc. nat. Ruth Schmid, SINTEF, Trondheim (N) (For University Village)
• Dr. Robert Sum, Nanosurf Ltd., Liestal (CH)
• Dr. Dimitri Aubert, IZON, Oxford, (UK)

A first Exhibitors List will be Available in February 2013
Exhibition Registration Form
I herewith register as a participant within the Foyer Exhibition from June 24-26 at the Congress Center Basel, Switzerland.

Exhibition Space
- 4 m²………………….. 1'000.-- €
- 6 m²………………….. 1'500.-- €
- 8 m²………………….. 2'000.-- €
- 12 m²…………………… 3'000.-- €
- Space beyond 12 m² = 3'000.-- plus 200.-- €/m² ………………m² (indicate in letters)
- 1 Table, 2 chairs, 1 pinboard for poster, Power connection……… 80.-- €
- Company Name (A3 on pillar)……………… 50.-- €
- Desired segmentation of space: (x by y meter) ……………………………… (Indicate in letters)

- I need beyond the space also a booth
- Booth construction including 1 table, 2 chairs, power connection, booth labelling
- 4 m²……………………… 640.-- €
- 6 m²……………………… 960.-- €
- 8 m²……………………… 1'280.-- €
- 12 m²……………………… 1'920.-- €
- Beyond 12 m² = 1'920.-- plus 130.-- €/m² I need………………….. m² (indicate in letters)
- Transferrable Exhibitor Ticket for the conference
- Transferable Exhibitor Conference Ticket …………………….. 800.-- €
- Evening Event Ticket: Your share 55.-- €

For all optional and furnishing, please indicate here your needs. The Congress Center Basel will then contact you.

Registration Data:
Responsible:

Last Name……………………First Name………………………………………………

Address…………………………………………………………………………………………

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

Phone………………………………….Fax………………………………………..Email ………

- I accept that this is a legally binding participation in the CLINAM 2013 Foyer Exhibition

Signature and Stamp ………………………………………………………………………

SEND BACK TO Exhib13@clinam.org or by Fax to CLINAM +41 61 695 93 90 European Foundation for Clinical Nanomedicine (CLINAM-FOUNDATION) Alemannengasse 12, P.O. Box, CH-4016 Basel, Switzerland Phone: + 41 61 695 93 95 Fax: + 41 61 695 93 93

Note: General Liability insurance has been signed for the duration of the event by the organiser. However this does not include damages or theft of goods within the foyer and the conference hall.
The European CLINAM & ETPN Summit, June 23-26, 2013

Clinical Nanomedicine & Targeted Medicine
From Antibodies to Nanodrugs, Diagnostic Systems and Targeted Delivery

Last Page Summary on Registrations and Applications

Registration for All at CLINAM 6/13
The registration for all persons that participate (including paper and poster submitters, invited speakers, exhibitors, University Village members) is mandatory ONLINE under http://www.clinam.org/conference.html

Registration as Exhibitor
The registration as an Exhibitor is done by “Exhibitors Form” enclosed in this call or downloadable under http://www.clinam.org/conference.html and has to be sent to Exhib13@clinam.org

Submission of Papers
The submission of papers is done by email before April 15, 2013 and has to be sent to submiss2013@clinam.org

Submission of Posters
The submission of posters is done by email before May 15, 2013 and has to be sent to submiss2013@clinam.org

Registration as Member of the University Village
Registration for the university village is done as from March 2013 by “University Village Form”, downloadable online and to be sent to Exhib13@clinam.org

Application for Fellowship
Applications for Fellowship from the CLINAM Foundation are to be submitted according to the rules on page 7 of this Call for Papers to Fellow@clinam.org. Letters not following exactly the rules will not be eligible.

Organizers Address
European Foundation for Clinical Nanomedicine (CLINAM-FOUNDATION) Alemannegasse 12, P.O. Box, CH-4016 Basel, Switzerland  Phone: + 41 61 695 93 95  Fax: + 41 61 695 93  clinam@clinam.org