

CALL FOR PAPERS AND POSTERS**13th European and Global CLINAM-Summit**

Conference and Exhibition

**From Hope to Product - The Brilliant Prospect in
Nanomedicine and Related Fields****A Review of Hopes and Predictions from 12 CLINAM Summits
Achievements and the Future Horizons for Nanomedicine****Live Stream Summit, May 2-4, 2022****Idealistic Nonprofit Supporters of the
European Summits for Clinical
Nanomedicine, Basel, Switzerland**

Introduction

How Many Hopes and Predictions of Development Came True?

The CLINAM Summit, as a globally unique clinical event with members from more than 40 countries brings together since 2008 all stakeholders in nanomedicine, targeted medicine, and precision medicine. Out of the over 2000 interventions from 2008 to date, there are many predictions of near and far-terms of projects, diagnoses, therapy, research, and development of materials and devices. What was achieved? At CLINAM 2022, former invited speakers look back and present their results of today. “From hope to achievements” shall show how brilliant the future in nanomedicine is. Often “nanomedicine” was said to be hype. Today we know that nanotechnology in medicine is the indispensable discipline and ground for further change in health care for all.

How to Improve a Virtual Meeting?

The summit builds on the principle that fundamental and applied scientists, developers, clinicians, regulators, and professionals from various related fields can mutually learn from each other to find better solutions for the medicine of the future. This leads to new collaboration and consortia of experts that can accelerate the development and strengthen the efforts towards medicine that delivers more benefits to patients and society. The CLINAM Summit has the tradition of hosting experts from more than 35 countries. In May 2022, traveling may still be obscured with major hurdles. Quarantine requirements might change a three-day event to a two-to-four-week trip. Since the pandemic has begun, CLINAM has already proved, in October 2020, that a virtual event is scientifically seen a good possibility for an exchange of excellence. Of course, it is less jovially and physically we miss each other. We look forward to 2023, hoping for a real-life meeting. CLINAM will present a new concept to make also oral debate available next to live stream. During this summit, separate debate rooms shall be realized.

What are the hot topics in Nanomedicine?

The meeting will highlight recent groundbreaking achievements in the last two years. The rapid development of vaccines for COVID-19 opened up novel arenas of cooperation between researchers, developers, and even between usually competing companies with the regulatory frame authorities. The unseen and revolutionary protective wall against COVID -19 by novel vaccines gives outlook and hope for a profound acceleration of novel drug development in the near future to the benefit of patients. Novel technologies are investigated for applicability to enable and improve health care in countries where therapy until today is unaffordable. Personalized Nanomedicine is the core competence for this. Drug development will be done in novel pathways!

What are the Focus topics 2022?

The CLINAM Organizers have invited many experts of excellence on the topics we propose.

- Nanoparticles and the Immune System
- Extracellular Vesicles in Nanomedicine
- Nanomedical Treatment of Rare Diseases
- Nano vaccines - from Packaging to Targeting and Controlled Degradation
- RNA-Based Drugs Against Multiple Diseases
- RNA-LNP based therapeutics
- Theranostic Concepts in Immunotherapy
- Molecular Modalities for Previously Undruggable Intra-cellular Biological Targets.
- Late-Breaking and Ongoing Trials in Nanomedicine
- Novel standards of Therapy for Diseases by Personalized Nanomedicine
- Non-biological Complex Drug Products Development
- Against Antibiotic Resistance with Lipids
- Regulatory Matters and Regulatory Authorities Meeting
- Lessons learned from the experience during development and clinical use of Nano-drugs
- Bioethical problems raised during the Corona pandemic
- Pharmaceutical Development and Manufacturing

Scientific Committee

- **Prof. Dr. med. Patrick Hunziker**, University Hospital Basel (CH) (chairman)
- **Prof. Dr. med. Christoph Alexiou**, University Hospital Erlangen (D)
- **Prof. Dr. Lajos (Lou) Balogh, Ph.D.**, Editor-in-Chief, Precision Nanomedicine (CLINAM Journal PRNANO), Boston (USA)
- **Prof. Dr. Yechezkel Barenholz**, Hebrew University, Hadassah Medical School, Jerusalem (IL)
- **Prof. Dr. med. Omid Farokhzad**, Director, Center for Nanomedicine, Harvard Medical School and Brigham and Women's Hospital, Boston (USA)
- **Prof. Dr. Twan Lammers, DSc**, Institute for Experimental Molecular Imaging, RWTH Aachen, Aachen (D)
- **Prof. Dr. med. Dong Soo Lee, Ph.D.** Chairman, Department of Nuclear Medicine Seoul National University (KOR)
- **Dr. med. h.c. Beat Löffler, MA**, CEO, CLINAM-Foundation, Basel (CH) (Programme & Realization))
- **Prof. Dr. med. Marisa Papaluca Amati**, Former European Medicines Agency, London (UK)
- **Prof. Dr. André Nel, M.B. Ch.B., Ph.D.**, Professor of Medicine, Director California NanoSystems Institute, Chief of Nanomedicine and Director, Center for Environmental Implications of Nanotechnology, UCLA, Los Angeles (USA)
- **Prof. Dr. Gert Storm**, Institute for Pharmaceutical Sciences, Utrecht University, (NL)
- **Prof. Dr. Viola Vogel**, Laboratory for Biologically Oriented Materials, ETH, Zürich (CH)

Submissions of Abstracts for Speeches and Posters

ALL MAIL RELATED TO SUBMISSIONS FOR SPEECH OR POSTERS GO TO submit22@clinam.org

1. Topics for Abstracts

Clinical Topics:

Nanomedicine and targeted delivery and precision medicine for cardiovascular disease, rheumatic disease, oncology, gastro-intestinal/hepatic disease, bacterial infection, viral infection, parasitic infection, implantology, inflammation, hematology, diabetes, neurology, neurosurgery, orphan diseases, eye and ear disease, tuberculosis, HIV, Ebola, tissue repair, orthopedics, etc.

Technology Topics:

Nanosystems, nanoparticles, nano-analytics, and diagnostics, toxicology, nano-imaging, targeted drug delivery, using nanoparticles, GMP and quality assurance, propositions for solving a medical problem in a novel way by the use of nanotechnology, 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, concepts, diagnosis and therapy in the field of personalized medicine: clinical diagnosis and management on the individual patient's clinical signs and symptoms, medical and family history, and data from laboratory and imaging evaluation to diagnose and treat illnesses, genetic testing that leads to more personalized treatments. In addition, relevant novel tools for translational research and diagnostics are also of high interest, etc.

Implications Topics:

Implications of Nanomedicine for society, developing countries, environment, risks and benefits, public health finance, health economics, and other subjects, etc.

Strategy, Government, and Political Topics:

Strategy building and policy processes in nanomedicine. Strategic approaches towards establishing a unified funding area for nanotechnologies for medical research. Policy processes to foster leadership in Nanomedicine, regulatory authority topics, and financial and marketing matters.

Industry Topics:

Industry projects and solutions in Nanomedicine and targeted medicine, tools related to Nanomedicine, and targeted medicine. Industry models for the future large-scale production, Good Manufacturing Practice, etc.

Regulatory and Societal Affairs, Networking and Financing Topics:

Regulatory Issues in Nanomedicine, AI and digitalization, Strategy and Policy, The Patient's Perspective, Ethical Issues in Nanomedicine, University Village Presentations, Cutting-Edge EU-Project Presentations, networking for International Consortium Formation, Venture Funding, Fund Investment, and Business-Angel-Investment.

Exhibitors Topics:

Integrated interventions of exhibitors that are of high scientific or technical relevance and do not solely have the purpose of promoting the trademark. In virtual Summits, the exhibitors are asked for video presentations of their premises that will be played in streamline during the breaks of the Summit.

2. Canon of CLINAM 2022

All abstracts must cover original research aimed at future or current applications of nanoscience and targeted medicine, including clinical trial designs, reports of ongoing and completed clinical trials, preclinical work, and technology papers with long-term clinical vision. All fields leading to the development of personalized medicine are also issues of great interest.

3. Deadline for Submissions of Abstracts

The Call for oral and for poster presentations closes on February 5, 2022

4. Submission Procedure (Sending Paper Abstract / Poster Abstract)

Abstract

Send us your poster-abstract or oral presentation-abstract (Microsoft Word, RTF, or Open document file format, using Calibri, font size 11, single spacing, **NO PDF**). The submission must not be longer than 3 pages, including metadata and figures (**one figure is obligatory**). All illustrations, figures, and tables must be placed within the text at the appropriate points. Index your file as follows: **Last name.First name.abstract22.docx** (or RTF etc.).

Biography

Please add in your mail **as a separate document** your **NARRATIVE** CV, max one page. (This is a Bio as story and not tabular e.g., was born..., received..., went to. .) No more than 5 titles of recent publications can be included. Index your file as follows: **Last name. First name.CV22.docx** (or RTF etc.)

Portrait Photo

Send us a **head picture in gif or jpg**, minimum **300 dpi**. **DO NOT COPY-PASTE THE PICTURE**. Index your file as follows: **Last name.First.Name.Picture20.jpg** (or gif)

Sending your papers

All correspondence, abstracts relating the Submission 2020 have to be sent to submit22@clinam.org

5. Decision for Acceptance

The decision to accept or decline your work will be given as soon as possible but at the latest within 6 weeks after submission. You will receive a Decision-E-Mail, stating the acceptance or declination. Submissions for declined oral presentations are eligible for a poster presentation. In this case, you will be informed. **Decisions of the Committee cannot be discussed.**

6. Presentation Times, Size of Posters, Installation of Posters

Posters are to be presented in the size of 1.40 meters high and 1.00 meter wide **and for the virtual summit respectively down sized**. After acceptance of the abstract, an original in A4 PDF will have to be sent for insertion into the website. Audio underlay is facultative. The CLINAM-Poster Prize will be handed out on Wednesday, May 4 and will be published online.

7. The University Village and the Small Speeches

The committee will select poster presenters and University Village members to give a short oral **presentation in a special session “Small Speeches”, 4 minutes in length, presented in a zoom room with possibility for direct oral questions and discussion**. They must comprise three slides, • Slide 1: general introduction to the topic

• Slide 2: some of the highlights of submitter's work and institution's work • Slide 3: the proof as to how the work fits into the area of Nanomedicine or Precision Medicine, including a glimpse into the future. Application for a small speech is only possible after your poster has been accepted. It is the CLINAM-Village Director who will select speeches based on a committee's recommendation. The best 20 presentations will be accepted.

To apply, write a mail to clinam@clinam.org indicating the institution, the person to be addressed, and full address & phone number. **In the header line, write "APPLICATION FOR SMALL SPEECH."**

Registration for the Summit

ONLINE REGISTRATION ONLY. [Payment by credit card \(MasterCard or VISA\)](#)

Bill upon request in exceptional cases possible.

Currency is Euro Category	3 Days Early Bird until 10. 2. 2022	3 Days Regular as from 11.2. 2022	One Day For this category, no Early Bird
Academy, NPO	180.00	230.00	90.00
Submitting Speakers	150.00	230.00	-----
Invited Speakers	As agreed in your official speaker's letter		-----
Poster Presenters Academy	150.00	230.00	-----
Poster Presenters Student	100.00	100.00	-----
Industry & Government	350.00	550.00	300.00
Students	100.00	140.00	70.00
Exhibition virtual Booth / Break-Videos including 1 registration	1'000.00	1'200.00	
Fellowship	100.00	100.00	Fellow22@clinam.org (see rules below)
Cancellation until February 10 is 60.00 €. / Until April 10, 50% of fee is refunded. / No refund is possible after April 10.			
Verified ESNAM members have a reduction of 20.00 € (except for fellowship and one-day registrations)			

Fellowship

ALL APPLICATIONS AND CORRESPONDENCE GO TO: Fellow22@clinam.org

The Fellowship reduces the prize for attendance to 100.00 and includes the full Summit-Ticket. Those receiving a fellowship must mandatorily submit an abstract of the proposed poster or talk. Attach abstract with your submission letter to CLINAM and justify the request for the fellowship. Add a reference letter by a superior of your organization. Fellowship Applicants receive a decision by email within 6 weeks after sending their submission. 60 fellowships are available and will be given by mode of "first come first serve".⁷

Exhibition

Exhibitors can apply for a speech at the Summit. The decision of acceptance or declination depends on the scientific character of the presentation. When novel tools are presented, this cannot be done in a promotional way for the publicity of the trademark. The Scientific Committee decides, and the decisions cannot be argued. In the streamline Summit, your videos and promotion pages will be online and running in the breaks of the SUMMIT. **Booking online** <https://www.clinam.org/exhibition.html>

Venue, Organizer and Registration Office

For all questions regarding the Summit, you may address the Organizers Office. For registration matters, please contact the Registration Office and for technical questions the Technicians Office

Organizers Office European Foundation for Clinical Nanomedicine Alemannengasse 12 CH 4058 Basel, Switzerland Phone +41 61 695 93 95 clinam@clinam.org	Technicians Office zeller.media Dornacherstrasse 250 a + 41 61 681 43 43 CH 4053 Basel, Switzerland philipp.gnos@zeller.media	Registration Office Viva Management GmbH Kramgasse 16 CH-3011 Bern, Switzerland Phone +41 31 311 74 34 clinam@viva-management.ch
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Uniting the global community of nanomedicine and targeted medicine

**Performing nanomedical and clinical research and promoting its
clinical applications**

**Setting Nanomedicine into the broad context of related medical procedures,
technologies, and therapeutic trends**

Promoting and supporting the global transfer of knowledge in nanomedicines

**Networking in nanomedicine and targeted medicine by the international
CLINAM-Summits, national conferences and summer-schools.**

**CLINAM is the non-profit neutral international platform in Switzerland for all
stakeholders and authorities in nanomedicine and related fields**

CLINAM

European Foundation for Clinical
Nanomedicine

13/2022

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