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Welcome to the NanoMedicine-Austria Webinar

28th November 2022, 11:00-12:30 CET

NANOMEDICINE-AUSTRIA WEBINAR

Agenda

PHOENIX – The Open Innovation Test Bed for Enabling Nano-pharmaceutical Innovative Products – Presentation of its Open Call & Expertise of the Austrian Partners

10:45 Technical start of Webinar

11:00 **WELCOME & INTRODUCTION** by Chairs

11:15 **PRESENTATION OF PHOENIX-OITB** and its Open Call

11:30 **PRESENTATION OF PHOENIX
AUSTRIAN PARTNERS' EXPERTISE**

“Digital process design for nanoparticle manufacturing”

by Hannes BAUER, RCPE

“Infrared & Raman Spectroscopy for PAT applications”

by Paul GATTINGER, RECENDT

“Safe-and-Sustainable-by-Design and its added value for nanopharmaceuticals” by Susanne RESCH, BNN

12:15 **Q & A SESSION**



Technical Instructions

- ✓ Use the section “Questions” for written entries
- ✓ Questions will be asked by the moderator, based on entries from the participants, in the Q&A session at the end of the webinar
- ✓ Click “Raise your hand” if you want to say something
- ✓ Recordings of the webinar will be made available





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Introduction

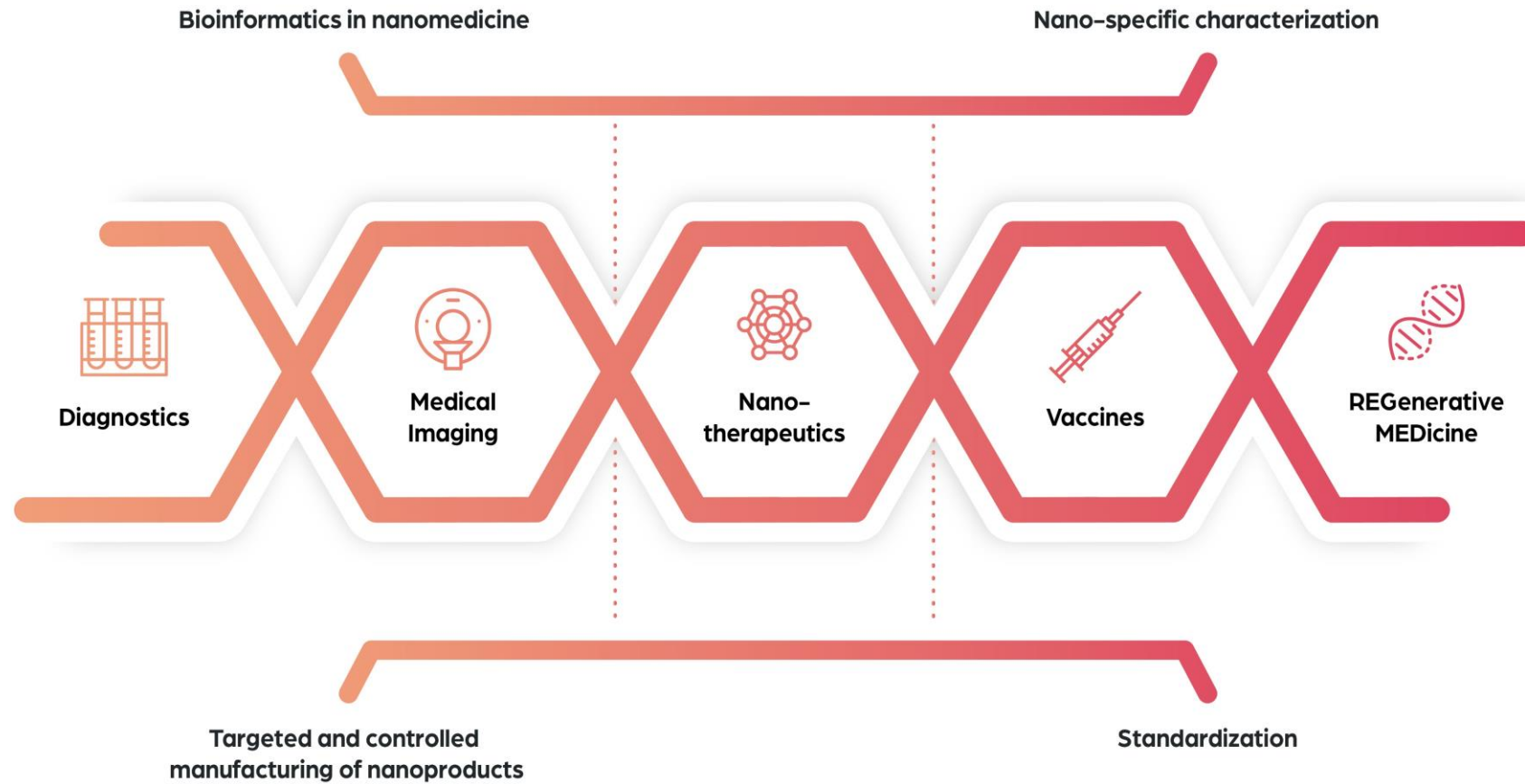
About NanoMedicine-Austria

NM-AT is the **National Technology Platform** addressing scientific and technological challenges in the nanomedicine field.

It **brings together bio- and nanomedical experts** to promote science, research, and translation to the clinics and the market of nanomedicine.



Topics addressed



NM-AT's Vision & Mission

The platform's vision is to increase the visibility of nanomedicine as a benchmark for research & innovation at (inter)national level, and promote Austria's excellent basic & applied research to strengthen the transfer of nanomedical applications from lab to clinical practice.

Its mission is to build references on Austria's nanomedical research and innovation capability, and to achieve joint impact through community-driven activities.



Objectives of the platform I

- **Tackle medical challenges to achieve a more efficient and affordable healthcare, as well as new solutions to improve medical treatments**
- **Contribute to a better understanding of biological processes in the human body at molecular and nanometric level**
- **Connect experts in the nanomedical field**
- **Create synergies through multidisciplinary cooperation**



Objectives of the platform II

- **Support the Austrian nanomedical community and link it to European and global initiatives**
- **Enhance access to national and international research projects and funding**
- **Provide support in nanosafety, quality and sustainability issues to meet regulatory requirements**
- **Facilitate close collaboration with industry to allow large-scale manufacturing production of efficient and safe nanopharmaceuticals**



Activities of the platform I

- **Organize regular meetings and other networking activities**
 - Quarterly NM-AT Chairs meetings
 - Biannual meetings with all Members
 - Annual webinar & networking event
- **Refine and update the platform's strategy**
- **Contribute to relevant position papers**



Activities of the platform II

- **Generate and collect possible topics and ideas and contribute them to national and/or international funding agencies**
- **Support in the organization of workshops and trainings for students and early stage researchers in different nanomedicine-related topics**
- **Support with grant applications**
- **Create outreach to relevant stakeholders, including targeted public communication**



Structure & organization



Board of Members

Core Group



Susanne Resch

General
Coordinator

Chairs

Wider community // international organizations // other platforms, cluster etc. // stakeholders



NM-AT's Chairs (period 06/22 – 06/23)



Daniel Baumgarten

UMIT Tirol GmbH – The
Tyrolean Private University

NM-AT key topic:
Standardization



Ramona Jeitler

University of Graz

NM-AT key topic:
Targeted and controlled
manufacturing of
nanoproducts



Thomas Mohr

ScienceConsult – DI

Thomas Mohr KG
NM-AT key topic:
Bioinformatics in
nanomedicine



Sebastian Schwaminger

Medical University of Graz

NM-AT key topic:
Nanomaterials for drug
delivery

NM-AT's Members

UMIT TIROL
DIE TIROLER PRIVATUNIVERSITÄT



ScienceConsult
DI Thomas Mohr KG



research center
pharmaceutical
engineering

RECENTDT
RESEARCH CENTER NON DESTRUCTIVE TESTING

JOANNEUM
RESEARCH

PARIS
LODRON
UNIVERSITÄT
SALZBURG

TU
WIEN
TECHNISCHE
UNIVERSITÄT
WIEN

LUDWIG
BOLTZMANN
INSTITUT
Traumatologie
Das Forschungszentrum in Kooperation mit der AUVF

BNN

NM-AT is an open platform to which any interested organization or expert can potentially contribute and participate at any time, as long as the necessary expertise and interest in the nanomedical field is provided.





Next steps

- **Refine the Strategy Paper**
- **Further specify the platform's topics, based on the Austrian community expertise**
- **Next Board Meeting for all NM-AT members**
 - **SAVE THE DATE: 12th December 2022 in Graz & online**
- **Contribute to the BioNanoMed 2023 conference**
 - **SAVE THE DATE: 12th to 14th April 2023 in Graz**
 - **NM-AT sponsors the Best Talk Award**



Contact

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Visit our website &
follow us on LinkedIn

www.nanomedicine-austria.at



Get involved &
become an active
member of NM-AT!





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Q&A SESSION

AT-BG Bilateral Call: OEAD Scientific & Technological Cooperation



- [CALL FOR APPLICATIONS FOR JOINT PROJECTS 2023-2025](#)
- **CLOSING DATE: 31st January 2023 – 12:00 noon**
- **Funding will be provided for the mobility of researchers to carry out bilateral research projects. In addition up to EUR 2,000.- per project of the granted funding may be applied for project-related material costs in Austria. Project duration: 1st July 2023 until 30th June 2025.**



SAVE-THE-DATES

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NM-AT sponsors the **Best Talk Award**



BNN is in the gift-giving spirit!



Subscribe to BNN Quarterly and you will be entered into a FREE conference registration raffle at [BioNanoMed](#) or [NanoSafe](#) in 2023.

<https://mailchi.mp/986d2c1e28e1/bnn-newsletter>



The winner will be drawn at random on 13th December 2022 and notified.
The winner gets to decide which conference to attend, paid for by BNN!





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**THANK YOU FOR YOUR
PARTICIPATION!**