



IZBrunch

Science meets Science

NETWORKING
EVENT
AT THE IZB

DELIVERING RNA TO THE LUNG: FROM SCIENCE TO THERAPY

Thursday, October 22, 2026 | 10.45 a.m. to 01.00 p.m.



RNA therapeutics hold enormous potential for treating pulmonary diseases, but getting the right RNA into the right cells remains a major challenge. This talk will show how tuning nanoparticle structure and targeting can translate into functional gene silencing in the diseased lung and present new data pushing these systems toward preclinical therapeutic applications.

Speaker

Prof. Dr. Olivia Merkel, Chair Holder and Deputy Director,
Department of Pharmacy, LMU Faculty of Chemistry and Pharmacy



While advances in nanomedicine are improving how RNA reaches target cells, successful pulmonary therapies also depend on how these medicines are delivered to the lung. This talk will explore the fundamentals of inhaled drug delivery, including aerosol generation, formulation design, particle engineering, and inhaler technologies, and present recent developments supporting the translation of RNA therapeutics into inhaled medicines.

Speaker

Dr. Benjamin Winkeljann, Co-founder and CEO of IZB-based start-up
RNhale

Location:

Faculty Club G2B on the 7th floor of
the IZB Residence, Campus at Home
Innovation and Start-up Center
Biotechnology IZB
Am Klopferspitz 21
82152 Planegg/Martinsried

Registration:

10.45 a.m. at the reception
of the CAMPUS AT HOME

Start of the event:

11.00 a.m.

Format:

Face2Face event with keynote presentations followed by business lunch.

Participants:

The event is limited to 60 people.

For Whom.

Faculty Club members, directors and junior group leaders of Max Planck Institutes, LMU professors, managing directors and board members of IZB companies, and executives of the Martinsried/Großhadern campus.

Declaration of consent:

By participating in the IZBrunch, you agree that pictures and videos taken during the event may be used for promotional purposes, on the homepage and in the context of press relations.

Registration/Contact:

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