



# Dean's Lecture<sup>2nd</sup>

## Catalysis for our world

### Dr. Benjamin List (Nobel Laureate)

Director at the Max Planck Institute for Coal Research; Professor at University of Cologne;  
PI in ICR/DD and University Professor at Hokkaido University

Chair: Shinya Tanaka, Dean, Hokkaido University Faculty of Medicine

Date: 2025.8.28 (Thr) 16:00~17:00



Dr. List discovered a new chemical reaction termed asymmetric organocatalysis, which allows for the synthesis of molecules where only one of two mirror-image forms (enantiomers) is produced. This is crucial for the pharmaceutical industry, as one enantiomer of a drug can be beneficial while its mirror image can be harmful. Dr. List was laureated Nobel Prize of Chemistry in 2021. I would like to introduce Dr. List to medical students and young researchers hopefully being inspired by his talk about chemistry and way of thinking for the science. ノーベル化学賞受賞者のリスト先生が医学部フラテホールに来られます。是非多くの医学部学生(1から6年生)、大学院生、研修医、専攻医、北大の教職員の皆様、同窓生の皆様、研究に興味のある皆様のご来聴をお待ちしています。



Place 開催場所: Hokkaido Univ. Fac. Med. FURATE hall 北海道大学医学部フラテホール  
Reservation 原則申し込み制・WEB配信あり: (但し当日予約なし入場可)  
QRコード/URLから予約サイトに入って申し込んでください。 <https://bit.ly/Hokkaido0828>

お問い合わせ先: 北大医学部事務部 佐藤通  
s-hosa@pop.med.hokudai.ac.jp 011-706-5574