

**10th ANNUAL ADVANCES
IN CHEMICAL SCIENCES
SYMPOSIUM**



**Supporting Organizations
ACS, NESACS, RSC US
and IUPAC**

**The Tenth Annual
Advances in Chemical Sciences Symposium
Alkermes, Waltham, MA
Date: October 7th, 2022**

7:00am Symposium Opens – Breakfast & Refreshments in Exhibition Hall

Opening Remarks & Housekeeping Details

8:45am Symposium Welcome:-

Raj Rajur, CreaGen Inc., Chair, Med. Chem. NESACS
A Word from Our Host - Alkermes

Morning Session Chair: Brian Aquila (Alkermes)

9:00am **Jared Lopes, Alkermes**

Title: Nemvaleukin Alfa, a Novel Engineered IL-2 Cytokine For Selective Activation of Effector Lymphocytes

10:00am **M. Christina White, University of Illinois**

Title: C—H Oxidations for Late-Stage Functionalizations

11:00-11:30am Networking break & Exhibition with refreshments & food

11:30am Keynote Presentation: **Bernard Feringa, Nobel Laureate, University of Groningen**

Title: Dynamic Molecular Systems: From Switches to Motors

12:30 pm – 1:30pm Boxed Lunch Break

Afternoon Session Chair: Scott Edmondson (Nimbus)

1:30pm **Scott Miller, Yale University**

Title: Searching for Selective Catalytic Reactions in Complex Molecular Environments

2:30pm **Silvana Leit, Nimbus Therapeutics**

Title: Pre-clinical and clinical evaluation of NDI-034858, A highly potent and selective TYK2-JH2 inhibitor for the treatment of autoimmune diseases through structure-based drug design

3:30 – 4:00pm Networking break & Exhibition with refreshments & food

4:00pm **Melissa Vasbinder, Ribon Therapeutics**

Title: Discovery of a First-in-Class PARP7 Inhibitor RBN-2397 Targeting a Newly Discovered Cancer Vulnerability in Stress-Signaling Pathways

Social Event & Networking

5:00-6:00pm Close of Science Session & Opening of Social Event – Raffle, Refreshments & Food

Registration Link: <https://nemedchem.org/conference/>

For additional details, please contact any of the Organizing Committee:

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Alkermes Site Location: 900 Winter St., Waltham, MA.