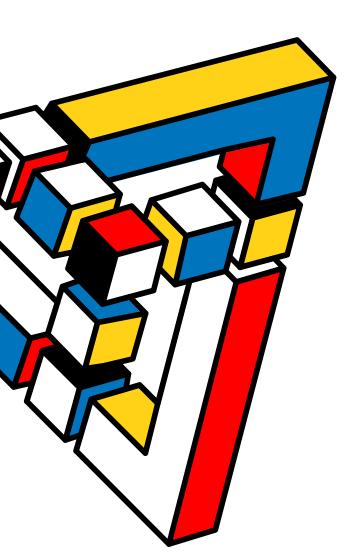
& Biological Design

# LIFE SCIENCES SYMPOSIUM

SEPTEMBER 25, 2019

FORUM HALL, PALMER COMMONS 100 WASHTENAW AVE, ANN ARBOR

FREE AND OPEN TO THE PUBLIC



#### EIGHTEENTH ANNUAL LSI SYMPOSIUM

#### 8:45 A.M.

Welcome

#### Roger D. Cone, Ph.D.

Vice Provost and Director, U-M Biosciences Initiative; Mary Sue Coleman Director, Life Sciences Institute; Professor of Molecular and Integrative Physiology, Medical School; Professor of Molecular, Cellular, and Developmental Biology, College of Literature, Science, and the Arts

# Mark S. Schlissel, M.D., Ph.D.

President of the University of Michigan

#### 8:55 A.M.

Introduction of the Mary Sue and Kenneth Coleman Life Sciences Lecturer

## Alan R. Saltiel, Ph.D.

Professor and Director, Institute for Diabetes and Metabolic Health, University of California San Diego School of Medicine; Director, Life Sciences Institute (2002-2015)

## 9:00 A.M.

Mary Sue and Kenneth Coleman Life Sciences Lecture:

Attacking the cell surface proteome in cancer

## James A. Wells, Ph.D.

Harry Wm. and Diana V. Hind Distinguished Professor of Pharmaceutical Sciences, Professor of Pharmaceutical Chemistry, University of California San Francisco

# 10:10 A.M.

Optogenetic and chemogenetic technologies for mapping

molecular and cellular interactions

Alice Y. Ting, Ph.D.

Professor of Genetics, Biology, and Chemistry, Stanford University

# 11:00 A.M.

How do proteins evolve

Dan Tawfik, Ph.D.

Professor, Department of Biomolecular Sciences, Weizmann Institute of Science

# 11:50 A.M.

Poster session & lunch

# 1:20 P.M.

Biosystems design via directed evolution

Huimin Zhao, Ph.D.

Steven L. Miller Chair, Department of Chemical and Biomolecular Engineering; Professor of Chemistry, Biochemistry, Biophysics, and Bioengineering, University of Illinois at Urbana-Champaign

# 2:10 P.M.

Navigating the landscapes of protein interaction specificity

Amy E. Keating, Ph.D.

Professor of Biology and Biological Engineering, Massachusetts Institute of Technology

# 3:20 P.M.

Design, evolution and applications of protein cages

Donald Hilvert, Ph.D.

Professor, Department of Chemistry and Applied Biosciences, ETH Zürich

# 4:10 P.M.

Closing Remarks

Roger D. Cone



