

PROTEIN ENGINEERING

& Biological Design

18

S A L T I E L
L I F E S C I E N C E S
S Y M P O S I U M

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

M | LIFE SCIENCES INSTITUTE
UNIVERSITY OF MICHIGAN

lsi.umich.edu