

Thirteenth Annual LSI Symposium

# Victors for Discovery: BIOMEDICINE AT MICHIGAN

Two days of lectures and panel discussions featuring U-M scientific faculty alumni  
May 14–15, 2014 | Palmer Commons, 100 Washtenaw Avenue, Ann Arbor, MI

## Wednesday, May 14

8:30 am | Welcome  
**Alan Saltiel, PhD**  
U-M Life Sciences Institute

8:35 am | Introduction of the  
Mary Sue and Kenneth Coleman  
Life Sciences Lecture  
**Mary Sue Coleman, PhD**  
University of Michigan

8:45 am | Keynote  
Mary Sue and Kenneth Coleman  
Life Sciences Lecture:  
**A New Family of Kinases**  
**Jack Dixon, PhD**  
University of California, San Diego

## Session 1

Moderated by:  
**Michael S. Parmacek, MD**  
University of Pennsylvania

10:05 am | The Hippo-YAP  
Pathway in Organ Size Control  
and Tumorigenesis  
**Kun-Liang Guan, PhD**  
University of California, San Diego

10:40 am | How Does Protein  
Misfolding in the Endoplasmic  
Reticulum Cause Cell Death?  
**Randal J. Kaufman, PhD**  
Sanford-Burnham Medical  
Research Institute

11:15 am | Nitric Oxide in  
Biology and Medicine  
**Michael A. Marletta, PhD**  
Scripps Research Institute

## Session 2

Moderated by:  
**Beverly S. Mitchell, MD**  
Stanford Cancer Institute

1:15 pm | Down Syndrome  
and Cancer: the Ying and Yang  
of Stem Cells  
**Michael F. Clarke, MD**  
Stanford University

1:50 pm | Ubiquitin Modification  
in Cancer Pathogenesis  
**Vishva Dixit, MD**  
Genentech, Inc.

2:30 pm | The Regulation of  
Stem Cell Self-Renewal  
**Sean J. Morrison, PhD**  
Howard Hughes Medical Institute  
and University of Texas  
Southwestern Medical Center

3:10 pm | Inherited Susceptibility  
in Patients and Populations:  
Genetics is Not Destiny  
**Stephen B. Gruber, MD, PhD, MPH**  
University of Southern California

## 4:10 pm | Panel Discussion The Future of Biomedical Research

Introductory talk:  
The Past is Prologue:  
You Ain't Seen Nothin' Yet

**Francis S. Collins, MD, PhD**  
National Institutes of Health

Panelists:

- **Jack Dixon, PhD**  
University of California,  
San Diego
- **William N. Kelley, MD**  
University of Pennsylvania
- **Michael A. Marletta, PhD**  
Scripps Research Institute
- **Elizabeth G. Nabel, MD**  
Brigham and Women's Hospital  
and Harvard Medical School

Moderated by:  
**David Ginsburg, MD**  
Howard Hughes Medical  
Institute and U-M Life  
Sciences Institute

5:55 pm | Closing Remarks  
**Alan Saltiel, PhD**  
U-M Life Sciences Institute

6–6:45 pm | Public Reception  
LSI Lobby

## Thursday, May 15

8:30 am | Welcome  
**David Ginsburg, MD**  
Howard Hughes Medical  
Institute and U-M Life  
Sciences Institute

## Session 3

Moderated by:  
**Stephen G. Emerson, MD, PhD**  
Columbia University Medical Center

8:40 am | Pathways for Immune  
Tolerance in Transplantation  
**Laurence A. Turka, MD**  
Massachusetts General Hospital,  
Harvard Medical School and  
Immune Tolerance Network

9:15 am | Is Gene Therapy  
Ready for Prime Time?  
**James M. Wilson, MD, PhD**  
University of Pennsylvania

9:55 am | The Epigenetic  
Basis of Human Cancer  
**Andrew P. Feinberg, MD, MPH**  
Johns Hopkins University  
School of Medicine

## 11:00 am | Panel Discussion Drug Discovery and Development in the 21st Century

Introductory talk:  
Making New Medicines:  
New Approaches to an Old  
Challenge

**Tachi Yamada, MD**  
Takeda Pharmaceuticals

Panelists:

- **Vishva Dixit, MD**  
Genentech, Inc.
- **John B. Lowe, MD**  
Genentech, Inc.
- **Gary J. Nabel, MD, PhD**  
Sanofi
- **Craig B. Thompson, MD**  
Memorial Sloan Kettering  
Cancer Center
- **Barbara Weber, MD**  
Novartis Oncology

Moderated by:  
**Alan Saltiel, PhD**  
U-M Life Sciences Institute

12:45 pm | Closing Remarks  
**David Ginsburg, MD**  
Howard Hughes Medical Institute  
and U-M Life Sciences Institute

This event is free and open to the public