

Mina J. Bissell, Ph.D.

Distinguished Scientist, Life Sciences Division
Faculty, Comparative Biochemistry, UC Berkeley
Ernest Orlando Lawrence Berkeley National Laboratory



Dr. Bissell is a pioneer in the role of ECM and microenvironmental regulation of gene expression; she changed established paradigms. She earned her degrees in Chemistry and Bacterial Genetics from Harvard. She was Director of all Life Sciences at LBNL, where she is now Distinguished Scientist (one of only three and the only woman). Dr. Bissell has more than 320 publications, is on the editorial board of many journals, including

Science, and has given more than 95 named/distinguished lectures. Her awards include the Lawrence medal, the Mellon Award, the AACR's Eli Lilly/Clowes Award, the first "Innovator Award" of the US DOD for breast cancer, the Brinker Award from Komen Foundation, the Discovery Health Channel Medical Honor and medal, the Pezcoller Foundation–AACR International Award for Cancer Research, and the Inserm 2007 Foreign Award. In 2008, she received the Excellence in Science Award from FASEB, the American Cancer Society's Medal of Honor and had an award named after her in Portugal. She was elected to AAAS, the IOM, the American Academy of Arts and Sciences, and the American Philosophical Society. She was President of the American Society of Cell Biology and has received honorary doctorates from Paris and Copenhagen.



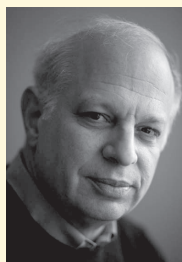
Gerstner Sloan-Kettering

Graduate School of Biomedical Sciences

INAUGURAL RETREAT
April 30, 2010
To
May 1, 2010

Marc W. Kirschner, Ph.D.

Professor & Chair, Department of Systems Biology
John Franklin Enders University Professor
Harvard Medical School



Marc W. Kirschner, Ph.D. graduated from Northwestern University in 1966 and received his Ph.D. from the University of California, Berkeley in 1971. Following postdoctoral research at Berkeley and at the University of Oxford, he was appointed as Assistant Professor at Princeton University in 1972 and full Professor in 1978. In 1978, he moved to the Department of Biochemistry and Biophysics at the University of California, San Francisco

as a Professor. After fifteen years at the University of California, San Francisco, Dr. Kirschner moved to Harvard Medical School in 1993 to become the founding Chair of the Department of Cell Biology. In 2003, he established the Department of Systems Biology at Harvard Medical School and became its first Chair. He was recently named University Professor, Harvard's highest professorial distinction.

Dr. Kirschner is a member of the National Academy of Sciences and the American Academy of Arts and Sciences, Foreign Member of the Royal Society of London and the Academia Europaea. He has received numerous honors and awards.

Kenneth J. Marians
DEAN

Thomas J. Kelly
PROVOST

Harold Varmus
PRESIDENT

Gerstner Sloan-Kettering Graduate School
of Biomedical Sciences

Memorial Sloan-Kettering Cancer Center

Friday April 30, 2010

9:45am – 10:00am

OPENING REMARKS: Kenneth J. Marians

10:00am – 11:30am

SESSION I: Student & Faculty talks

11:30am – 11:45am

BREAK

11:45am – 1:00pm

SESSION II: Student & Faculty talks

1:00pm – 2:15pm

LUNCH

West Dining Room

2:30pm – 3:35pm

SESSION III: Student & Faculty talks

3:35pm – 3:45pm

BREAK

3:45pm – 4:45pm

KEYNOTE: Mina J. Bissell

4:45pm

FREE TIME

6:30pm – 8:00pm

DINNER: Remarks by Harold Varmus
West Dining Room

8:15pm – 9:30pm

POSTER SESSION

9:30pm

FREE TIME

Saturday May 1, 2010

7:00am – 9:30am

BREAKFAST

Carriage Lounge/Main Dining Room

9:30am – 11:00am

SESSION IV: Student & Faculty talks

11:00am – 11:25am

BREAK

11:25am – 12:25pm

KEYNOTE: Marc W. Kirschner

12:30pm – 12:50pm

WRAP-UP: Larry Norton

12:50pm – 1:00pm

CLOSING REMARKS: Thomas J. Kelly

1:15pm

LUNCH/FREE TIME

4:00pm

BUS DEPARTS FOR MSK

All Sessions are held at the
Conference House

Session I

MODERATOR: Eric S. Alonzo

Mark G. Frattini, Medicine

The Journey from Target Identification to Drug Discovery to Clinical Development: The Cdc7 Story

Dimitar V. Tassev, Pediatrics

Targeting neuroblastoma using a GD2-specific scFv-Fc fusion protein

Nicholas Gauthier, Computational Biology

Combinatorial perturbations of GBM tumorspheres

Eric G. Pamer, Immunology, Medicine

Intestinal commensal microbes and mammalian immune defenses

Session II

MODERATOR: Eric S. Alonzo

Eric S. Alonzo, Immunology

Aligning pathways towards an integrated map of cellular processes

Eric Lai, Developmental Biology

Transcriptional and post-transcriptional control of nervous system development

Shannon F. Yu, Developmental Biology

Cellular and molecular events regulating myoblast fusion in mammals

Yvonne Gruber Mica, Developmental Biology

Directed differentiation and prospective isolation of human embryonic stem cell derived melanocytes

Session III

MODERATOR: Karen E. Hunter

Eric C. Holland, Cancer Biology & Genetics, Neurosurgery

What does it mean to model cancer in mice?

Semanti Mukherjee, Cancer Biology & Genetics

Evaluating statistical power of shared controls in genome wide association studies

Karen E. Hunter, Cancer Biology & Genetics

The role of heparanase in promoting tumor progression in the RIP1-Tag2 model of pancreatic islet carcinogenesis

Keynote

Mina J. Bissell

Genes and the microenvironment: the two faces of breast cancer

Session IV

MODERATOR: John Maciejewski

Simon N. Powell, Molecular Biology, Radiation Oncology

Homologous recombination in human cancers: Lessons from breast cancer development and treatment

James A. Dowdle, Molecular Biology

Mouse SPO11 interacting partners: In search of meiotic double-strand break proteins

Alexandria N. Miller, Structural Biology

Structural studies and characterization of a eukaryotic two-pore domain potassium channel

Jeffery R. Smith, Cell Biology

The role of Rho GTPases in breast cancer invasion and proliferation

John Maciejewski, Molecular Biology

The MPS1 protein kinase controls the cytosolic and kinetochore-resident branches of the spindle checkpoint in human cells

Keynote

Marc W. Kirschner

How the wnt pathway responds to signals

Wrap-up

INTRODUCTION: Kenneth J. Marians

Larry Norton, Medicine

How clinicians and scientists view the world