

Department of Biochemistry and Molecular Biophysics

Website: <http://biochem.wustl.edu>

Faculty

Ben Garcia, PhD

Department Chair

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A

Hema Adhikari, M.S., Ph.D.

Assistant Professor of Biochemistry and Molecular Biophysics (primary appointment)

Master of Science, State University of New York at Buffalo, 2015

Doctor of Philosophy, State University of New York at Buffalo, 2015

B

Jacques Ulrich Baenziger, Ph.D., M.D.

Professor Emeritus of Biochemistry and Molecular Biophysics

Bachelor of Arts, New College of Florida, 1969

Doctor of Philosophy, Washington University in St Louis, 1975

Doctor of Medicine, Washington University in St Louis, 1975

Wayne Morris Barnes, Ph.D.

Associate Professor of Biochemistry and Molecular Biophysics (primary appointment)

Bachelor of Arts, University of California Riverside, 1969

Doctor of Philosophy, University of Wisconsin Madison, 1974

Shripad Bhagwat

Professor of Biochemistry and Molecular Biophysics

Melissa Diane Stuchell Brereton, Ph.D.

Instructor in Biochemistry and Molecular Biophysics (primary appointment)

Bachelor of Science, University of Missouri in St Louis, 2001

Doctor of Philosophy, University of Utah, 2006

Peter M Burgers, M.S., Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Marvin A. Brennecke Professor of Biological Chemistry

Bachelor of Science, Leiden University, 1969

Master of Science, Leiden University, 1972

Doctor of Philosophy, Leiden University, 1977

C

Byoungkyu Cho, M.S., Ph.D.

Assistant Professor of Biochemistry and Molecular Biophysics (primary appointment)

Bachelor of Science, Hankuk University of Foreign Studies, 2010

Master of Science, Seoul National University, 2013

Doctor of Philosophy, Seoul National University, null

John A Cooper, Ph.D., M.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Alan A. and Edith L. Wolff Professorship in Biochemistry and Molecular Biophysics

Professor of Cell Biology and Physiology

Bachelor of Science, Brown University, 1977

Doctor of Medicine, Johns Hopkins University, 1982

Doctor of Philosophy, Johns Hopkins University, 1983

D

Gregory DeKoster, Ph.D.

Instructor in Biochemistry and Molecular Biophysics (primary appointment)

Bachelor of Arts, Monmouth University, 1990

Doctor of Philosophy, University of Iowa, 1997

Roland Ellwood Dolle, M.S., Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Director of the Center for Drug Discovery

Bachelor of Science, Arizona State University, 1978

Master of Science, State University of New York, 1980

Doctor of Philosophy, University of Pennsylvania, 1984

E

Elliot L Elson, Ph.D.

Professor Emeritus of Biochemistry and Molecular Biophysics

Bachelor of Arts, Harvard University, 1959

Doctor of Philosophy, Stanford University, 1966

Ryan Joseph Emenecker, Ph.D.

Instructor in Biochemistry and Molecular Biophysics (primary appointment)

Bachelor of Science, University of Minnesota Twin Cities, 2016

Doctor of Philosophy, Washington University in St Louis, 2021

F

Doug E. Frantz, Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Vice Chancellor for Innovation and Commercialization

Bachelor of Science, Stephen F Austin State University, 1994

Doctor of Philosophy, Texas A&M University, 1998

Carl Frieden, Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Bachelor of Arts, Carleton College, 1951

Doctor of Philosophy, University of Wisconsin Madison, 1955

G

Eric A Galburt, Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Bachelor of Science, Brown University, 1997

Doctor of Philosophy, University of Washington-Seattle Campus, 2002

Roberto Galletto, M.S., Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Master of Science, University of Genova, 1996

Doctor of Philosophy, University of Texas Galveston, 2002

Benjamin Aaron Garcia, Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Raymond H. Wittcoff Distinguished Professor of Biological Chemistry

Head of the Department of Biochemistry and Molecular Biophysics

Doctor of Philosophy, University of Virginia, 2005

Alireza Ghanbarpour, M.S., Sc.M., Ph.D.

Assistant Professor of Biochemistry and Molecular Biophysics (primary appointment)

Assistant Professor of Molecular Microbiology

Assistant Professor of Cell Biology & Physiology

Bachelor of Science, Shahid Beheshti University, 2012

Master of Science, Sharif University of Technology, 2014

Master of Science, Sharif University of Technology, 2014

Doctor of Philosophy, Michigan State University, 2019

Yehuda Ginosar, M.D.

Voluntary Research Professor of Anesthesiology

Doctor of Medicine, University of London, 1986

Young Ah Goo, M.S., Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Professor of Genetics

Bachelor of Science, Chonnam National University, 1990

Master of Science, University of Washington-Seattle Campus, 1994

Doctor of Philosophy, University of Washington, 2002

Lina Greenberg, Ph.D.

Instructor in Biochemistry and Molecular Biophysics (primary appointment)

Bachelor of Science, Brandeis University, 2004

Doctor of Philosophy, Tufts University, 2010

Michael Jonathan Greenberg, Ph.D.

Associate Professor of Biochemistry and Molecular Biophysics (primary appointment)

Bachelor of Science, Brandeis University, 2004

Doctor of Philosophy, Boston University, 2010

H

Kathleen Hall, Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Bachelor of Science, University of Minnesota, 1974

Doctor of Philosophy, University of California Berkeley, 1985

Kristina Harris Petersen, Ph.D.

Associate Professor of Biochemistry and Molecular Biophysics (Pending Executive Faculty Approval) (primary appointment)

Assistant Dean for Student Success and Access

Bachelor of Fine Arts, New York University, 2001

Doctor of Philosophy, Cardiff University, 2007

Alexander Steven Holehouse, Ph.D.

Assistant Professor of Biochemistry and Molecular Biophysics (primary appointment)

Doctor of Philosophy, Washington University in St Louis, 2017

William F Holmes, Ph.D.

Associate Professor Emeritus of Biological Chemistry

Bachelor of Arts, Princeton University, 1953

Doctor of Philosophy, University of Pennsylvania, 1960

I

Maxenia Garcia Ilagan, Ph.D.

Associate Professor of Biochemistry and Molecular Biophysics (primary appointment)

Associate Professor of Developmental Biology

Doctor of Philosophy, University of Missouri Columbia, 2000

J

James W Janetka, Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Professor of Molecular Microbiology

Bachelor of Science, University of Illinois at Urbana-Champaign, 1990

Doctor of Philosophy, University of Wisconsin Madison, 1996

K

Yuriy Victorovich Kirichok, M.S., Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)

Master of Science, Moscow Institute of Physics and Technology, 1997

Doctor of Philosophy, Bogomoletz Institute of Physiology of NAS of Ukraine, 2000

Alexander Kozlov, M.S., Ph.D.

Instructor in Biochemistry and Molecular Biophysics (primary appointment)

Master of Science, Moscow State University, 1983

Doctor of Philosophy, Moscow State University, 1994

Andrzej Modest Krezel, M.S., Ph.D.

Associate Professor of Biochemistry and Molecular Biophysics
(Pending Executive Faculty Approval) (primary appointment)
Master of Science, University of Warsaw, 1986
Doctor of Philosophy, University of Wisconsin Madison, 1991

Shivesh Kumar, M.S., Ph.D.

Assistant Professor of Biochemistry and Molecular Biophysics (primary appointment)
Master of Science, Jiwaji University, 2004
Doctor of Philosophy, Jawaharlal Nehru University, 2010

L

Weikai Li, M.S., Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)
Roy and Diana Vagelos Professor of Biochemistry and Molecular Biophysics
Bachelor of Science, East China University of Science and Technology (#####), 1993
Master of Science, University of Tennessee, 1998
Doctor of Philosophy, Yale University, 2004

Zongtao Lin, M.S., Ph.D.

Instructor in Biochemistry and Molecular Biophysics (primary appointment)
Bachelor of Science, Zhengzhou University (####), 2009
Master of Science, Peking University (#####), 2012
Doctor of Philosophy, University of Tennessee, 2017

Timothy M Lohman, Ph.D.

Professor of Biochemistry and Molecular Biophysics (primary appointment)
Brennecke Professor of Biophysics in Biochemistry and Molecular Biophysics
Bachelor of Arts, Cornell University, 1973
Doctor of Philosophy, University of Wisconsin Madison, 1977

M

Garland R Marshall, Ph.D.

Professor Emeritus of Biochemistry and Molecular Biophysics
Bachelor of Science, California Institute Technology (Duplicate of California Institute of Technology), 1962
Doctor of Philosophy, Rockefeller University, 1966

F. Scott Mathews, Ph.D.

Professor Emeritus of Biochemistry and Molecular Biophysics
Bachelor of Science, University of California, 1955
Doctor of Philosophy, University of Minnesota, 1959

N

Natalie Marie Niemi, Ph.D.

Assistant Professor of Biochemistry and Molecular Biophysics (primary appointment)
Bachelor of Science, University of Michigan Ann Arbor, 2005
Doctor of Philosophy, Van Andel Research Institute, 2012

O

Michael D Onken, Ph.D.

Associate Professor of Biochemistry and Molecular Biophysics (primary appointment)
Bachelor of Arts, Washington University in St Louis, 1990
Doctor of Philosophy, Washington University in St Louis, 2000

Jeramia Ory, Ph.D.

Assistant Professor of Biochemistry and Molecular Biophysics (primary appointment)
Bachelor of Science, University of Nebraska, 1988
Doctor of Philosophy, University of Minnesota, 1998

P

Jacqueline Pelham, Ph.D.

Instructor in Biochemistry and Molecular Biophysics (primary appointment)
Bachelor of Science, Rensselaer Polytechnic Institute, 2016
Doctor of Philosophy, Rensselaer Polytechnic Institute, 2022

Linda J Pike, Ph.D.

Professor Emeritus of Biochemistry and Molecular Biophysics
Bachelor of Science, University of Delaware, 1975
Doctor of Philosophy, Duke University, 1980

R

Janice Lee Robertson, Ph.D.

Associate Professor of Biochemistry and Molecular Biophysics (primary appointment)
Bachelor of Science, University of Toronto, 2002
Doctor of Philosophy, Cornell University, 2009

Ana Maria Ruiz Manzano, Ph.D.

Assistant Professor of Biochemistry and Molecular Biophysics (primary appointment)
Doctor of Philosophy, Universidad Autonomoma de Madrid, 2004

S

Andrea Soranno, M.S., Ph.D.

Associate Professor of Biochemistry and Molecular Biophysics (primary appointment)
Master of Science, University of Milan, 2005
Doctor of Philosophy, University of Milan, 2008

T

Eric J Tomko, Ph.D.

Instructor in Biochemistry and Molecular Biophysics (primary appointment)
Bachelor of Science, University of Missouri Columbia, 2002
Doctor of Philosophy, Washington University in St Louis, 2010

Y

Jin Ye, Ph.D.

Instructor in Biochemistry and Molecular Biophysics (primary appointment)
Doctor of Philosophy, University of Science and Technology of China (#####), 2020

Z

Rui Zhang, Ph.D.

Associate Professor of Biochemistry and Molecular Biophysics (primary appointment)
Bachelor of Science, Nanjing University, 2005
Doctor of Philosophy, Baylor University, 2010

Mingzhou Zhou, Ph.D.

Instructor in Biochemistry and Molecular Biophysics (primary appointment)
Bachelor of Science, University of Science and Technology Beijing (####), 2004
Doctor of Philosophy, University of South Florida, 2010