

**FACULTY HONORS AND AWARDS**

*This list represents current and former faculty at CWRU who have received national awards for their research and scholarship or have been elected to national academies in recognition of their professional achievements. (\* denotes former / † denotes deceased)*

**Alexander von Humboldt Foundation**
*Fellowships*

Martin Helzle\*

Mary Ann Horn

*Senior Scientist Awards*

Hatsuo Ishida

Virgil Percec\*

Daniel A. Scherson

*Emeriti and Retired Faculty*

Arthur H. Heuer

J. Thomas Mortimer

**Alfred P. Sloan Foundation**
*Research Fellows*

Roberto Fernández Galán, Neuroscience

Thomas G. Gray, Chemistry

Harsh Mathur, Physics

Robert B. Miller, Neuroscience\*

Corey B. Smith, Neuroscience

Stanislaw Szarek, Mathematics

**American Academy in Berlin**
*Fellowships*

Kenneth F. Ledford

**American Academy in Rome**
*Residency*

Jenifer Neils\*

**American Academy of Arts and Sciences**

Cynthia M. Beall

Eric W. Kaler

*Emeriti and Retired Faculty*

Lynn T. Landmesser

Simon Ostrach†

*Former Administration*

John L. Anderson

**American Academy of Nursing**
*Fellows*

Mary A. Dolansky

Joyce J. Fitzpatrick

Faye A. Gary

Mary E. Kerr

Jill F.N. Kilanowski

Cheryl M. Killion

Marilyn Lotas

Susan M. Ludington

Elizabeth A. Madigan\*

Marguerite A. DiMarco

Diana L. Morris

Carol M. Musil

Rebecca M. Patton

Mary Quinn Griffin

Patricia W. Underwood\*

Jaclene A. Zauszniewski

*Emeriti and Retired Faculty*

Gene Anderson

Claire M. Andrews

Barbara J. Daly

Judith A. Maloni

Shirley M. Moore

May L. Wykle

**American Academy of Social Work and Social Welfare**
*Fellows*

David Biegel

Claudia Coulton

Daniel Flannery

Grover C. Gilmore

Victor Groza

Mark I. Singer

Elizabeth Tracy

Dexter Voisin

**American Anthropological Association**
*Society for Psychological Anthropology*

Eileen P. Anderson-Fye

*Society for Medical Anthropology-AIDS*
*and Anthropology Research Group's*
*Distinguished Service Award*

Janet W. McGrath

*Society for Urban, National, and Transnational/ Global Anthropology:*

Charlotte Ikels

**American Antiquarian Society**
*(Fellows/Fellowships)*

Daniel A. Cohen

Renee M. Sentilles

**American Association for the Advancement of Science**
*Fellows*

James M. Anderson

Amiya Banerjee

Cynthia M. Beall

Ernest C. Borden

Walter F. Boron

Clemens Burda

Mark R. Chance

Pamela B. Davis

Paul DiCorleto\*

Dominique Durand

Charis Eng

Serpil C. Erzurum

Pierluigi Gambetti

Ram N. Ganapathi

Jonathan L. Haines

Thomas A. Hamilton

Clifford V. Harding

Stanley L. Hazen

Joe G. Hollyfield

Eric W. Kaler

Jonathan Karn

Eric D. Kodish

Bruce Lamb\*

Michael M. Lederman

Xiaoxia Li

Vincent Monnier

Richard A. Padgett

Robert B. Petersen

Edward F. Plow

Jun Qin

Richard M. Ransohoff\*

Roy E. Ritzmann

Richard A. Rudick

Ganes C. Sen

Nima Sharifi

Jerry Silver

Robert H. Silverman

Roy L. Silverstein

Lynn T. Singer

Jonathan D. Smith

Mark A. Smith†

Witold K. Surewicz

John W. Sweetenham\*

Philip L. Taylor

Paul Tesar

Bruce D. Trapp

Joy K. Ward

Qing Kenneth Wang

Anthony Wynshaw-Boris

Qing Yi

Richard Zigmond

*Emeriti and Retired Faculty*

Darhl Foreman

Arthur H. Heuer

Lynn T. Landmesser

Morton Litt

Michael Maguire

Timothy W. Nilsen

Alfred A. Rimm

Alan J. Rocke

George Stark

**American Association of Anatomists**

David Dean\*, Basmajian Award

Robert H. Miller\*, Young Investigator Award

**American Ceramic Society***Fellows*

Roger H. French, Fulrath Award  
James D. McGuffin-Cawley

*Distinguished Life Member*

Arthur H. Heuer

**American Chemical Society***Fellows:*

Rigoberto C. Advincula

Eric Baer

Eric W. Kaler

John D. Protasiewicz

David A. Schiraldi

*Emeriti and Retired Faculty*

Alan J. Rocke

*Charles Goodyear Medal:*

Eric Baer

**American Council of Learned Societies***Fellows*

Michael Altschul<sup>†</sup>

Thomas Bishop\*

Georgia J. Cowart

Matthew L. Garrett

Elina Gertsman

Daniel Goldmark

Michael Grossberg\*

Marixa Lasso\*

Kenneth F. Ledford

Lihong Shi

Theodore L. Steinberg

*Emeriti and Retired Faculty*

Walter S. Gibson<sup>†</sup>

Ellen G. Landau

*ACLS Collaborative Research Fellowship*

Gillian L. Weiss

**American Epilepsy Society**

Elaine Wyllie, Recognition Award

Robert Ruff, Service Award

**American Institute of Aeronautics and  
Astronautics***Technical Excellence Awards**Emeriti and Retired Faculty:*

James S. Tien, *Space Processing Award*

**American Institute of Chemical Engineers***Fellows*

Daniel J. Lacks

**American Institute for Medical and  
Biological Engineering***Fellows*

Ozan Akkus

Eben Alsberg

James M. Anderson

James P. Basilion

Jeffrey R. Capadona

Arnold I. Caplan

M. Cenk Cavusoglu

John Chae

Liming Dai

Achilles Demetriou<sup>†</sup>

Jeffrey L. Duerk\*

Dominique M. Durand

Leonard A. R. Golding\*

Linda M. Graham

Mark A. Griswold

Robert F. Kirsch

Erin B. Lavik\*

Chung-Chiun Liu

Zheng-Rong Lu

Roger E. Marchant<sup>†</sup>

Cameron C. McIntyre

P. Hunter Peckham

Clare Rimnac

Andrew Rollins

Gerald M. Sidel

Nicole F. Steinmetz\*

Ronald J. Triolo

Dustin J. Tyler

Horst von Recum

Margaret A. Wheatley<sup>†</sup>

David L. Wilson

Xin Yu

Nicholas P. Ziats

Maciej Zborowski

*Emeriti and Retired Faculty*

Patrick E. Crago

**American Law Institute**

Jonathan H. Adler

Jessica W. Berg

Juliet P. Kostritsky

Michael P. Scharf

Barbara R. Snyder

*Emeriti and Retired Faculty:*

Kathleen Carrick

Leon Cabinet

Erik M. Jensen

Morris Shanker

**American Mathematical Society***Fellows*

Stanislaw J. Szarek

Elisabeth M. Werner

**American Musicological Society***Alfred Einstein Award*

Francesca Brittan

David Rothenberg

*Phillip Brett Award*

Susan McClary

*Otto Kinkeldey Award*

Susan McClary

*Claude V. Palisca Award**Emeriti and Retired Faculty:*

Ross W. Duffin, for Outstanding Edition Or  
Translation

**American Pediatric Society***Fellows*

Samudragupta Bora

Michael Dell

Ross Myers

**American Philosophical Society***Fellows*

Cynthia M. Beall

Walter F. Boron

Jeffrey Garvin

Diana Kunze\*

Yuxia Zhang

*Emeriti and Retired Faculty*

Edward J. Olszewski, *John Frederick Lewis  
Award:*

**American Physical Society***Fellows*

Daniel S. Akerib\*

Robert W. Brown

Kathleen Kash

Walter R. L. Lambrecht

Charles S. Rosenblatt

John E. Ruhl

Jie Shan\*

Kenneth D. Singer

Glenn D. Starkman

Cyrus C. Taylor

Tanmay Vachaspati\*

**American Physiological Society***Renal Section Awards: Carl W. Gottschalk**Distinguished Lectureship*

Walter F. Boron

Jeffrey Garvin

*Research Recognition Award:**Gastrointestinal and Liver Section*

Yuxia Zhang\*

*Arthur C. Guyton Award in Integrative**Physiology*

Jacob E. Friedman\*

**American Psychological Association***Fellows*

Cynthia M. Kubo  
Lynn Singer  
Terry Stancin

*Mentoring Awards*

Julie Exline

**American School of Classical Studies at Athens***Members with Fellowships*

Paul A. Iversen  
Jennifer Neils\*

**American Society for Bioethics and Humanities***Distinguished Service Award*

Mark P. Aulisio  
Eric Kodish  
Stuart J. Youngner

**American Society of Civil Engineers***Fellows*

Xiong (Bill) Yu  
Michael Pollino, *Moisseiff Award*

*Emeriti and Retired Faculty:*

Arthur A. Huckelbridge, *Moisseiff Award*  
Adel (Tony) Saada

**American Society of Human Genetics***Emeriti and Retired Faculty*

Robert C. Elston, *William Allan Award*

**American Society for Eighteenth Century Studies**

Georgia J. Cowart, Clifford Prize

**American Society for International Law**

Michael P. Scharf, *Book Award*

**American Society for Investigative Pathology**

James M. Anderson, *Chugai Mentoring Award*

Mark A. Smith<sup>†</sup>, *Outstanding Investigator Award*

**American Society for Mechanical Engineers***Fellows*

Ozan Akkus  
Melissa Knothe Tate\*  
Vikas Prakash

*Emeriti and Retired Faculty*

Jaikrishnan N. Kadambi  
J. Lawrence Katz<sup>†</sup>  
Joseph M. Mansour  
Simon Ostrach<sup>†</sup>

**American Society for Microbiology***Fellows*

Robert A. Bonomo  
Piet de Boer  
Mahmoud Ghannoum  
Jonathan Karn  
Michael M. Lederman  
Gary W. Procop  
Ganes C. Sen  
Robert H. Silverman

*Emeriti and Retired Faculty*

Thomas M. Daniel  
Michael R. Jacobs

**American Society of Mechanical Engineers**

Walter F. Boron, *Homer Smith Award*

*Emeriti and Retired Faculty*

Donald E. Hricik, *Fellow*

**American Society for Neurochemistry***Young Investigator Award*

Wendy B. Macklin\*  
Mark A. Smith<sup>†</sup>  
Bruce D. Trapp

**American Society for Nutrition***Young Investigator Awards*

Jonathan M. Brown  
Richard W. Hanson<sup>†</sup>

**American Statistical Association***Fellows*

Douglas D. Gunzler  
Thomas E. Love  
Ralph G. O'Brien  
Nancy Obuchowski  
Mark S. Scher  
*Emeriti and Retired Faculty*  
Robert C. Elston

**Association for Asian Studies***China and Inner Asia (CIAC) Book Prizes**Emeriti and Retired Faculty*

Melvyn C. Goldstein, *Levenson Prizes for Books in Chinese Studies*

**Association for Research on Nonprofit Organizations and Voluntary Action**

Dennis R. Young\*, *Distinguished Achievement and Leadership Award*

*Emeriti and Retired Faculty*

David C. Hammack, *Distinguished Achievenemtn and Leadership Award*

**Association for Clinical Scientists**

Howard J. Meyerson, *Young Clinical Scientist Award*

*Emeriti and Retired Faculty*

Clive R. Hamlin, *Clinical Scientist of the Year Award the Diploma of Honor*

**Association for Professionals in Infection Control and Epidemiology***Fellows*

Irena L. Kenneley

**Biophysical Society***Emeriti and Retired Faculty:*

*Distinguished Service Award*  
Mary D. Barkley

**Burroughs-Wellcome Fund***Career Awards*

Kenneth R. Cooke\*  
Arlene Dent  
Claire M. Doerschuk\*  
Eckhard Jankowsky  
Dennis J. Templeton\*  
Matthew L. Warman\*

**Fulbright Scholar Program***U.S. Scholars (Program Country)*

Karen Beckwith (United Kingdom)  
Ronald E. Blanton (Brazil)  
David Carrier (China)  
Timothy M. Casey\* (Argentina)  
Darin A. Croft (Argentina)  
Christopher A. Cullis (South Africa)  
Agata Exner (Poland)  
Joyce J. Fitzpatrick (Ireland)  
Michael E. Goldberg (Vietnam)  
Brian K. Gran (Iceland)  
Insoo Hyun (South Korea)  
Jill Korbin (Australia)  
Walter R. L. Lambrecht (Germany)  
Marie Lathers (Cameroon)  
Kathryn C. Lavelle (Canada)  
Kenneth F. Ledford (Germany)  
Marilyn Lotas (Lebanon)  
Anna Mandalakas\* (South Africa)  
Peter W. Moore (United Arab Emirates)  
Elliot A. Posner (France)  
Charles Rosenblatt (France)  
Laura Siminoff\* (Australia)  
Edward D. Sivak (Finland)  
Peter J. Thomas (Germany)  
Cheryl A. Toman (Lebanon)

*Fulbright Specialist (Program Country)*

Michael E. Goldberg (Namibia)  
Mark G. Hans (Greece)  
Daniel J. Lacks (Burma)

**Emeriti and Retired Faculty**

Arthur H. Heuer (France)  
Louise W. McKinney (Botswana)  
Steven P. Feldman (China)  
Menachem Shoham (Thailand)  
Martha A. Woodmansee (Brazil)

**Gerontological Society of America***Fellows*

Christopher J. Burant  
Eva Kahana  
Jennifer Karas Montez\*  
Mark A. Smith<sup>†</sup>

**Emeriti and Retired Faculty**

Robert H. Binstock<sup>†</sup>  
May L. Wykle

**John Simon Guggenheim Foundation***Guggenheim Fellowships*

Cynthia M. Beall  
Daniel A. Cohen  
Erkki Somersalo  
Glenn D. Starkman  
Theodore L. Steinberg  
Cyrus C. Taylor  
Steven Ungar\*  
Athena Vrettos  
Martha A. Woodmansee

**Emeriti and Retired Faculty:**

David C. Hammack

**Howard Hughes Medical Institute***Investigators*

Sanford D. Markowitz  
Jonathan S. Stamler

**Infectious Disease Society of America***Young Investigator Award*

Robin L. P. Jump, *Geriatrics*

**Institute for Advanced Study***Residency*

Ellen Landau, Historical Studies  
Tanmay Vachaspati\*, Natural Science  
Mark B. Turner, Social Science

**Institute for Electrical and Electronics Engineers***Fellows*

Jeffrey L. Duerk\*  
Dominique M. Durand  
Bo Li  
Kenneth A. Loparo  
Anant Madabhushi  
Behnam Malakooti  
Pedram Mohseni  
Christos A. Papachristou

**Technical Field Award**

Anant Madabhushi

**Institute of Mathematical Statistics***Fellows*

Elizabeth Meckes  
Wojbor Woyczynski

**International Academy for Production Engineering***Fellows*

Robert Gao

**International Academy of Medical and Biological Engineering***Fellows*

Shuo Li

**Law and Society Association**

Theodore L. Steinberg, *J. Willard Hurst Prize for Legal History*

**MacArthur Foundation Fellows**

Susan K. McClary

**Materials Research Society***Fellows*

*Emeriti and Retired Faculty*  
Arthur H. Heuer

**Medieval Academy of America**

Elina Gertsman, *John Nicholas Brown Prize*

**National Academy of Education***Fellows*

Eileen P. Anderson-Fye, *Spencer Fellow*

**National Academy of Engineering***Fellows*

James M. Anderson  
Eric W. Kaler  
P. Hunter Peckham

*Emeriti and Retired Faculty:*

John Angus<sup>†</sup>  
Arthur H. Heuer  
Jack Koenig<sup>†</sup>  
Harry Mergler<sup>†</sup>  
Simon Ostrach<sup>†</sup>  
Eli Reshotko  
Alexander R. Toriano<sup>†</sup>

*Former Administration:*

John L. Anderson

**National Academy of Inventors***Fellows*

Robert Brown  
Scott Bruder  
Arnold Caplan  
Jeffrey L. Duerk\*  
Mark A. Griswold  
Joseph P. Iannotti  
Trevor O. Jones  
Eric W. Kaler, *Charter Fellow*  
Anant Madabhushi\*  
Robert H. Miller\*  
Francis A. Papay  
P. Hunter Peckham  
Robert Savinell  
Jonathan Stamler  
Dustin Tyler  
Jesse Wainright  
Gary Wnek

*Senior Members*

Abhinav Acharya  
Drew Adams  
Ozan Akkus  
Rohan Akolkar  
James Babilion  
Niloy Bhadra  
Susann Brady-Kalnay  
Mark Chance  
Margot Damaser  
Agata Exner  
Stanton Gerson  
William Grissom  
Umut Gurkan  
Hatsuo Ishida  
Jonathan Karn  
Kevin Kilgore  
Shuo Li  
Dan Ma  
Steve Majerus  
Pedram Mohseni  
M. Hassan Najafi  
Jacob Scott  
Anirban Sen Gupta  
Michael Suster  
Paul Tesar  
Satish Viswanath  
Tina Vrabec  
David Wald  
David Wilson  
Christian Zorman

**National Academy of Medicine**  
(formerly Institute of Medicine)*Fellows*

James M. Anderson  
Kim Anderson-Erisman  
Walter F. Boron  
John Chae  
Timothy Chan

Delos M. Cosgrove III\*  
Pamela Bowes Davis  
Charis Eng<sup>†</sup>  
Richard W. Hanson<sup>†</sup>  
Stanley L. Hazen  
Edgar Jackson<sup>†</sup>  
Mukesh K. Jain\*  
Kurt Stange  
Anthony Wynshaw-Boris

*Emeriti and Retired Faculty:*  
Duncan Neuhauser<sup>†</sup>  
George Stark

**National Academy of Sciences**

*Fellows*  
Cynthia M. Beall  
Melvyn C. Goldstein

*Emeriti and Retired Faculty*  
Lynn T. Landmesser<sup>†</sup>  
George Stark

*Kavli Fellows (Frontiers of Science)*

Ahmad Khalil\*  
LaShanda J. Korley\*  
Jonathan Pokorski\*  
Joy K. Ward

*Early Career Research Fellowship*  
YeongAe Heo

**National Association of Social Workers**

*Presidential Award*  
Claudia Coulton

**National Endowment for the Humanities**

*Fellowships*  
Daniel A. Cohen  
Georgia J. Cowart  
Marie Lathers  
Jonathan Sadowsky  
Ted Steinberg  
Susanne Vees-Gulani  
Athena Vrettos  
Robert A. Walser  
Stuart Youngner

*Emeriti and Retired Faculty:*

Edward J. Olszewski  
Ellen Landau

**National Humanities Center**

*Fellows*  
David Carrier  
Michael Grossberg\*  
Susanna Heschel\*  
Marixa A. Lasso\*  
Martha Woodmansee

**National Institutes of Health**

*New Innovator Award*  
Derek Taylor

*R37 MERIT Awards*

Walter F. Boron  
Fabio Cominelli  
Serpil C. Erzurum  
Claudio Focchi  
Maria Hatzoglou  
Donald W. Jacobsen  
Robert H. Miller\*  
Laura E. Nagy  
Jerry Silver  
Daniel I. Simon  
Bruce D. Trapp

*Emeriti and Retired Faculty*

Robert C. Elston

**National Science Foundation**

*CAREER Awards:*

Alexis R. Abramson\*  
Daniel S. Akerib\*  
Ozan Akkus  
Kristian E. Baker  
Swarup Bhunia\*  
Clemens Burda  
Jennifer W. Carter  
Sarah E. Diamond  
Elena Dormidontova\*  
Christine Duval  
Philip Feng\*  
Xuan Gao  
Umut A. Gurkan  
Bridget Hegarty  
Michael G. Hinczewski  
Michael J. A. Hore  
LaShanda J. Korley\*  
Mehmet Koyuturk  
Hossein Miri Lavasani  
Michael S. Lewicki  
Bo Li  
Wei Lin  
Heidi B. Martin  
Divita Mathur  
J. Christopher Mihos  
Pedram Mohseni  
Emily B. Pentzer  
John Protasiewicz  
Stuart J. Rowan\*  
Anna Christina S. Samia  
Ramanathan M. Sankaran  
Genevieve Sauve  
Jie Shan\*  
Nicole Seiberlich  
Glenn D. Starkman  
Nicole F. Steinmetz\*  
Gregory P. Tochtrop

Horst von Recum  
An Wang  
Joy K. Ward  
Xinmiao Zhang\*  
Xiong "Bill" Yu  
Xiang Zhang\*  
Lei Zhu

*Emeriti and Retired Faculty*  
Heather Morrison

**Presidential Early Career Award for Scientists and Engineers (PECASE)**

A. Bolu Ajiboye  
Jeffrey R. Capadونا  
Jennifer W. Carter  
Margot Damaser  
Christine Duval  
Philip X. L. Feng\*  
Burcu Gurkan  
Steve Majerus  
Paul Marasco  
Suchitra S. Nelson  
Joy K. Ward

**Pulitzer Prize**

James E. Sheeler, *Distinguished Feature Writing*

**Renaissance Society of America**

*RSA Research Grant*  
Erin E. Benay

**Research Corporation for Science Advancement**

*Cottrell Scholar Awards*  
Corbin E. Covault, Physics  
J. Christopher Mihos, Astronomy  
Heather L. Morrison, Astronomy  
Jie Shan\*, Physics

**Robert Wood Johnson**

*Policy Fellows*  
Kenneth B. Chance  
Leona Cuttler<sup>†</sup>  
Mary Beth Mazanec

*Scholars in Residence Fellows*

Sharona Hoffman

**Searle Scholars**

Guangbin Luo  
Saba Valadkhan

**Society of Industrial and Applied Mathematics**

Daniela Calvetti

**Society for American Music**

Robert A. Walser, *Lowens Book Award*

**Society for Biomaterials**

*The Founders Award*

James M. Anderson

*Acta Biomaterialia Gold Medal*

James M. Anderson

**Society for Experimental Biology and Medicine**

*Young Investigator Award*

Jonathan M. Brown

*Best Paper Award*

Xue-qin Ding

**Society for the History of Technology**

*The Joan Cahalin Robinson Prize*

Peter A. Shulman

*Emeriti and Retired Faculty*

Molly W. Berger (*The Sally Hacker Prize*)

**Society of Rheology**

*Fellows*

Joao Maia

**Society for Social Work and Research**

*Fellows*

David Biegel

Claudia J. Colson

Megan Holmes

Nancy Rolock

Elizabeth Tracy

Dexter Voisin

**The Electrochemical Society**

*Outstanding Achievement Awards*

Arnold Reisman<sup>†</sup>

*Young Investigator Awards*

Stuart B. Adler<sup>\*</sup>

Rohan Akolkar

Peter N. Pintauro<sup>\*</sup>

Arnold Reisman<sup>†</sup>

Robert F. Savinell

Daniel A. Scherson

Thomas A. Zawodzinski<sup>\*</sup>

**The Getty Foundation**

*Research Scholars*

Anne L. Helmreich<sup>\*</sup>

*Scholars in Residence:*

David Carrier

Jenifer Neils<sup>\*</sup>

**The Hartwell Foundation**

*Investigators*

Marc L. Basch

Brian A. Cobb

Roberto Fernández Galán

Yolanda Fortenberry

Saptarsi Haldar

Jonathan E. Sears

Hoonkyo Suh

Jennell C. Vick

**The Pew Charitable Trusts**

*Pew Scholars in Biomedicine*

Cheng-Ming Chiang<sup>\*</sup>

Alfred Malouf<sup>\*</sup>

Richard A. Padgett

Martin D. Snider

Jonathan S. Stamler

**Wilson Center**

*Woodrow Wilson Fellowship*

Kathryn Lavelle

**Thomson Reuters Highly Cited**

**Researchers**

Mark D. Adams<sup>\*</sup>, Molecular Biology and Genetics

Joseph R. Calabrese,

Psychiatry/Psychology

Liming Dai, Chemistry

Stephen G. Ellis, Clinical Medicine

Yngve T. Falck-Ytter, Social Sciences; general

John J. Fung, Clinical Medicine

Thomas A. Hamilton, Immunology

P. Anne Hiltner<sup>†</sup>, Materials Science

Vinod Labhasetwar, Pharmacology and Toxicology

Eduardo Lapetina<sup>\*</sup>, Biology &

Biochemistry

John J. Lewandowski, Materials Science

A. Michael Lincoff, Clinical Medicine

Steven E. Nissen, Clinical Medicine

Brian I. Rini, Clinical Medicine

George R. Stark<sup>\*</sup>, Molecular Biology and Genetics

Eleanor Stoller<sup>\*</sup>, Social Sciences

Peter J. Whitehouse, Neuroscience

Huntington Willard<sup>\*</sup>, Molecular Biology and Genetics

Idit Zehavi, Space Science