

MARK GOMELSKY

Brief CV

Martha Gilliam Professor and Microbiology Program Director, Department of Molecular Biology, University of Wyoming, Laramie, WY 82071, USA. Phone (+1) 307-766-3522. E-mail: gomelsky@uwyo.edu

www.uwyo.edu/molecbio/faculty-and-staff/mark-gomelsky/index.html

<https://scholargps.com/scholars/98685816782526/mark-gomelsky>

<https://research.com/u/mark-gomelsky>

EDUCATION

1991 Ph.D. Biological Sciences (Microbial Genetics). Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia.

1988 B.S./M.S. Industrial Microbiology (*Summa cum Laude*). Moscow Institute of Chemical Technology, Moscow, Russia.

PROFESSIONAL EXPERIENCE

2025-present Martha Gilliam Professor and Microbiology Program Director

1999-present Professor (1999, Assistant; 2005, Associate; 2011, Full Professor). Dept. of Molecular Biology, University of Wyoming, Laramie, WY.

1993-99 Postdoctoral Research Fellow. Dept. of Microbiology and Molecular Genetics, University of Texas Medical School, Houston, TX.

1992 Visiting Scientist. Unit of Regulation of Gene Expression, Institut Pasteur, Paris, France.

1991-92 Junior Research Scientist. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia.

Sabbaticals: Karolinska Institutet, Stockholm, Sweden (2015); Max Planck Institute for Medical Research, Heidelberg, Germany (2007).

Entrepreneurship: MayPall, Inc., President (2024-present); bDrones, Inc., President (2025-present)

SELECTED AWARDS AND HONORS

UW Honoree in Research and Innovation Excellence (2025, 2026); Martha Gilliam Professor of Microbiology (2025); UW Sensory Biology Center: Scientific Mentoring and Service Award (2021); Society for Biological Engineering: Excellence and Service as Conference Chair of Optogenetic Technologies and Applications (2019); American Society for Microbiology (ASM): Distinguished service as an Editorial Board Member of *J Bacteriol* (2019); UW College of Agriculture and Natural Resources: Excellence in Research Award (2018); American Association for the Advancement of Science (AAAS), Elected Fellow (2017); ASM: Distinguished Service on the Editorial Board of *Appl Environ Microbiol* (2017); *J Bacteriol*: Two papers selected among 120 most influential studies published in *J Bacteriol* in a century (2016).

RESEARCH FUNDING

> \$10 mln external funding: NIH, NSF, DOD, DOE, USDA.

TEACHING

MOLB4460/5460 Microbial Physiology and Metabolism (3 CR); MOLB4053 Communications in Molecular Biology (3 CR) (team-taught); MOLB5057 Microbial and Synthetic Biology (2 CR)

SELECTED SERVICE

Editorial Boards: *Frontiers Microbiol*, Assoc. Editor (2022-present), *Mol Microbiol* (2014-present), *Appl Environ Microbiol* (2005-17); *J Bacteriol* (2009-2019).

Grant proposal and manuscript review: NIH, NSF, German Research Foundation (Deutsche Forschungsgemeinschaft, DFG), numerous international funding agencies and journals.

UW: Graduate Program in Molecular Biology, Committee Chair (2008-2025).

PUBLICATIONS

Total publications: >100. Total citations: >13,200. Hirsch index, H=51 (Google Scholar).

https://scholar.google.com/citations?user=efw_wDAAAAAJ&hl=en&oi=ao

PATENTS AND PATENT APPLICATIONS

Total: 10. <https://patents.google.com/?inventor=gomelsky+mark&oq=gomelsky+mark>