

MARK GOMELSKY

Brief CV

Martha Gilliam Professor of Microbiology, 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

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 Director of the UW Interdepartmental Microbiology Program
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).
President: MayPall, Inc. (2024-present); bDrones, Inc. (2025-present)

SELECTED AWARDS AND HONORS

UW Honoree in Research and Innovation Excellence (2025); 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, 1916-2015 (2016).

RESEARCH FUNDING

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

MENTORSHIP

Postdoctoral associates: 10, Ph.D. students: 9; M.S. students: 10; Undergraduate students: >30; middle- and high school students: >20.

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); Sensory Biology COBRE, Internal Advisory Committee.

PUBLICATIONS

Total publications: ~100. Total citations: ~13,000. Hirsch index, H=51 (Google Scholar).
<https://scholar.google.com/citations?user=ebv-dleaaaaj&hl=en>

PATENTS AND PATENT APPLICATIONS

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