
CV
Michal Goldberg
February, 2019

NAME Goldberg, Michal	POSITION TITLE Associated Professor of Genetics
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EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
The Hebrew University of Jerusalem, Israel	BSc	10/1994	Biology
The Hebrew University of Jerusalem, Israel	MSc	10/1996	Genetics
The Hebrew University of Jerusalem, Israel	PhD	05/2000	Genetics
The Wellcome Trust/Cancer Research UK Gurdon Institute, University of Cambridge, UK	Postdoctoral	03/2014	The DNA damage response

A. Personal Statement

I am an associated professor of Genetics at the Institute of Life Sciences, The Hebrew University of Jerusalem. I mainly study early events in cancer development, focusing on the DNA damage responses, which includes checkpoint activation and DNA repair. Cells rapidly response to DNA damage; cell cycle progression is halted in order to provide time for DNA repair. If there is too much DNA damage in cells, or the type of damage is irreparable, the cells will undergo cellular senescence or apoptosis. Failure in DNA damage response activation may result in genomic instability, which is a hallmark of cancer cells.

Research in our group include 1). Investigation of DNA double-strand break repair by homologous recombination. 2). Development of an inducible homologous recombination system. 2). Finding drugs that impair DNA repair and target cancer and cancer stem cells. 3). Identifying novel DNA damage response genes. 4). Characterization of novel estrogen-dependent cancer genes.

B. Positions and Honors

Positions and Employment

- 2004-2012 Lecturer, Department of Genetics, The Alexander Silberman Institute of Life Sciences, The Faculty of Natural Sciences, The Hebrew University of Jerusalem, Israel.
- 2012-2014 Senior Lecturer, Department of Genetics, The Alexander Silberman Institute of Life Sciences, The Faculty of Natural Sciences, The Hebrew University of Jerusalem, Israel.
- 2015- Associate Professor, Department of Genetics, The Alexander Silberman Institute of Life Sciences, The Faculty of Natural Sciences, The Hebrew University of Jerusalem, Israel.
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