




Beverly S. Mitchell, M.D.

George E. Becker Professor in Medicine and Professor, by courtesy, of Chemical and Systems Biology

Medicine - Oncology

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Stanford Clinical Cancer Center**

875 Blake Wilbur Dr Clinic B

MC 6560

Stanford, CA 94305

Tel (650) 725-9621

Fax (650) 736-0607

Bio

CLINICAL FOCUS

- Cancer > Hematology
- Cancer > Hematology > Hematologic Malignancies
- Cancer > Lymphoma

ACADEMIC APPOINTMENTS

- Professor, Medicine - Oncology
- Professor (By courtesy), Chemical and Systems Biology
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Deputy Director, Stanford Cancer Center, (2005-2008)
- Director, Stanford Cancer Institute, (2008-2018)

HONORS AND AWARDS

- National Academy of Sciences, Institute of Medicine (Inducted 2001)
- Fellow, American Association for the Advancement of Science (2015)
- Member, Association of American Professors (1991)
- Member, American Society for Clinical Investigation (to present)

4 OF 7

PROFESSIONAL EDUCATION

- Residency: University of Washington Dept of Surgery (1973) WA
- Medical Education: Harvard Medical School (1969) MA
- Board Certification: Hematology, American Board of Internal Medicine (1978)

- Fellowship: University Hospital Zurich (1973) Switzerland

4 OF 8

LINKS

- Video Story: <https://stanfordhealthcare.org/stanford-health-now/why-i-got-into-medicine/why-medicine-beverly-mitchell-md.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Beverly S. Mitchell, MD, is the former Director of the Stanford Cancer Institute and is the George E. Becker Professor of Medicine at Stanford University. Before joining the Stanford faculty, Dr. Mitchell lead the Molecular Therapeutics Program at UNC Chapel Hill's Lineberger Comprehensive Cancer Center, where she also served as Associate Director for Translational Research and Chief of the Division of Hematology/Oncology.

She has authored over 130 peer-reviewed articles. She served as President of the American Society of Hematology (ASH) and was Chair of the Medical and Scientific Affairs Committee and Vice Chair for Medical and Scientific Affairs of the Leukemia and Lymphoma Society of America.

Dr. Mitchell's current research relates to the development of new therapies for hematologic malignancies. She is interested in preclinical proof of principle studies on mechanisms inducing cell death and on metabolic targets involving nucleic acid biosynthesis in malignant cells. Recent studies have focused on the role of nucleolar proteins in cellular stress responses, including that induced by reactive oxygen species. She is also interested in the regulation of ribosomal RNA synthesis in hematopoietic stem and progenitor cells and in the role of dysregulated synthesis in bone marrow failure syndromes. In addition, her laboratory is involved in the translation of these studies into scientifically designed clinical trials.

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cancer Biology (Phd Program)
- Chemical and Systems Biology (Phd Program)

Publications

PUBLICATIONS

- **Brd4 regulates the expression of essential autophagy genes and Keap1 in AML cells.** *Oncotarget*
Huang, M., Zhu, L., Garcia, J. S., Li, M. X., Gentles, A. J., Mitchell, B. S.
2018; 9 (14): 11665–76
- **Future cancer research priorities in the USA: a Lancet Oncology Commission** *LANCET ONCOLOGY*
Jaffee, E. M., Dang, C., Agus, D. B., Alexander, B. M., Anderson, K. C., Ashworth, A., Barker, A. D., Bastani, R., Bhatia, S., Bluestone, J. A., Brawley, O., Butte, A. J., Coit, et al
2017; 18 (11): E653–E706
- **Autophagy mediates proteolysis of NPM1 and HEXIM1 and sensitivity to BET inhibition in AML cells.** *Oncotarget*
Huang, M., Garcia, J. S., Thomas, D., Zhu, L., Nguyen, L. X., Chan, S. M., Majeti, R., Medeiros, B. C., Mitchell, B. S.
2016
- **Expression and Role of the ErbB3-Binding Protein 1 in Acute Myelogenous Leukemic Cells** *CLINICAL CANCER RESEARCH*
Le Xuan Truong Nguyen, L. X., Zhu, L., Lee, Y., Ta, L., Mitchell, B. S.
2016; 22 (13): 3320-3327

4 OF 156