

Cellular Signaling



Maria Burnatowska-Hledin

Professor

Biology & Chemistry

hledin@hope.edu

B.S., McGill University, 1975 ,M.S., McGill University, 1977, Ph.D., McGill University, 1981

Areas of expertise: Biochemistry,
Cellular signaling

Grants and awards: *NIH-R15: VACM-1, a cul 5 gene, regulates cell growth and angiogenesis (2004-2007)*

Key publications and presentations (2004-2005)

- Burnatowska-Hledin, M. and M. DeJongh. Development and Implementation of an Introductory Bioinformatics Course at Hope College. In: Transformations @ Liberal Arts in Digital Age. Vol 2: (<http://dev.colleges.org/drupal/>) 2004.
- Burnatowska-Hledin, M. Kossoris J., C. Van Dort, D. Murrey, J. Abbott, C. Kan and C. Barney. VACM-1 expression in T47D human breast cancer cell line. Biochem. Biophys. Res. Com. 319: 817-825, 2004
- Van Dort, C. P. Zhao, K. Parmelee, B. Capps, A. Poel, L. Listenberger, B. Card, D. Murrey J. Kossoris and M. Burnatowska-Hledin. VACM-1, a cullin gene family member, attenuates cellular growth *in vitro*. AJP-Cell: 285: C1386-1396, 2003.

Acknowledgements: NIH, Camille and Henry Dreyfus Foundation, MITC, Hope College, Students working in the lab

