

Abbreviated Biographical Information:  
**Dr. Andrew Arnold**

Education:

Sc.B., Brown University  
M.D., Harvard Medical School

Postdoctoral Training:

Intern and Resident in Internal Medicine, University of Chicago  
Medical Staff Fellow (Molecular Oncology), Metabolism Branch, National Cancer Institute, NIH  
Clinical and Research Fellow in Endocrinology, Massachusetts General Hospital

Past Appointments:

Assistant & Associate Professor of Medicine, Harvard Medical School  
Chief, Laboratory of Endocrine Oncology, Massachusetts General Hospital

Current Appointments at University of Connecticut School of Medicine:

Murray-Heilig Chair in Molecular Medicine  
Professor of Medicine, Professor of Genetics & Genome Sciences  
Chief, Division of Endocrinology and Metabolism  
Director, Center for Molecular Oncology and  
Chief Academic Officer, Carole and Ray Neag Comprehensive Cancer Center  
Director, Office of Physician-Scientist Career Development

Awards and Honors:

Elected to American Society for Clinical Investigation  
Elected to Association of American Physicians  
Fuller Albright Award, American Society for Bone and Mineral Research  
Outstanding Investigator Award, American Federation for Medical Research  
Outstanding Investigator Award, International Bone and Calcium Institute  
Gerald D. Aurbach Award, The Endocrine Society  
Louis V. Avioli Founder's Award, American Society for Bone and Mineral Research  
Eli Lilly Award Lecture, Canadian Society of Endocrinology and Metabolism  
Isadore Rosenberg Lecture, Tufts University School of Medicine  
Elected Fellow, American Association for the Advancement of Science  
Elected Member, American Clinical and Climatological Association  
John Haddad Memorial Lecturer, University of Pennsylvania  
Boy Frame Award for Excellence in Clinical Research, American Society for Bone and Mineral Research  
International Medal, Society for Endocrinology, United Kingdom  
Elected Fellow of the American Society for Bone and Mineral Metabolism  
FIRMO Parathyroid Medal, Fondazione Italiana Ricerca sulle Malattie dell'Osso  
presented at the 16th International Workshop on Multiple Endocrine Neoplasia, Houston, TX

Selected Publications:

Arnold A, Cossman J, Bakhshi A, Jaffe ES, Waldmann TA, Korsmeyer SJ. Immunoglobulin gene rearrangements as unique clonal markers in human lymphoid neoplasms. *N Engl J Med* 1983; 309:1593-9.

Arnold A, Staunton CE, Kim HG, Gaz RD, Kronenberg HM. Monoclonality and abnormal parathyroid hormone genes in parathyroid adenomas. *N Engl J Med* 1988; 318:658-62.

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- Hinds PW, Mittnacht S, Dulic V, Arnold A, Reed SI, Weinberg RA. Regulation of retinoblastoma protein functions by ectopic expression of human cyclins. *Cell* 1992; 70:993-1006.
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- Hinds PW, Dowdy SF, Eaton EN, Arnold A, Weinberg RA. Function of a human cyclin gene as an oncogene. *Proc Natl Acad Sci USA* 1994; 91:709-13.
- Wang TC, Cardiff RD, Zukerberg L, Lees E, Arnold A, Schmidt EV. Mammary hyperplasia and carcinoma in MMTV-cyclin D1 transgenic mice. *Nature* 1994; 369:669-71.
- Arnold A, Brown MF, Ureña P, Gaz RD, Sarfati E, Drüeke TB. Monoclonality of parathyroid tumors in chronic renal failure and in primary parathyroid hyperplasia. *J Clin Invest* 1995; 95:2047-53.
- Chung DC, Smith AP, Louis DN, Graeme-Cook F, Warshaw AL, Arnold A. A novel pancreatic endocrine tumor suppressor gene locus on chromosome 3p with clinical prognostic implications. *J Clin Invest* 1997; 100:404-410.
- Oyama T, Kashiwabara K, Yoshimoto K, Arnold A, Koerner F. Frequent overexpression of the cyclin D1 oncogene in invasive lobular carcinoma of the breast. *Cancer Res* 1998; 58:2876-80.
- Imanishi Y, Hosokawa Y, Yoshimoto K, Schipani E, Mallya S, Papanikolaou A, Kifor O, Tokura T, Sablosky M, Ledgard F, Gronowicz G, Wang TC, Schmidt EV, Hall C, Brown EM, Bronson R, Arnold A. Primary hyperparathyroidism caused by parathyroid-targeted overexpression of cyclin D1 in transgenic mice. *J Clin Invest* 2001; 107:1093-1102.
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- Costa-Guda J, Soong C-P, Parekh VI, Agarwal SK, Arnold A. Germline and somatic mutations in cyclin-dependent kinase inhibitor genes *CDKN1A*, *CDKN2B*, and *CDKN2C* in sporadic parathyroid adenomas. *Horm Cancer* 2013; 4:301-7.
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