

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
Heber, David		Professor of Medicine and Public Health	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of California, Los Angeles	B.S.	1969	Chemistry
Harvard Medical School	M.D.	1973	Medicine
University of California, Los Angeles	Ph.D	1978	Physiology

A. Positions and Honors**Positions and Employment**

1973-1974 Internship, Straight Medicine, Beth Israel Hospital, Boston, MA
 1974-1975 Residency, Internal Medicine, Harbor General Hospital, Torrance, CA
 1975-1977 NIH Special Fellowship, Division of Endocrinology & Metabolism, Harbor-UCLA Medical Center, Torrance, CA
 1978-1983 Assistant Professor of Medicine, UCLA School of Medicine, Harbor-UCLA Medical Center, Torrance, CA
 1978-1983 Associate Program Director, Clinical Research Center, Harbor-UCLA Medical Center, Torrance, CA
 1982-1983 Associate Chief and Head, Metabolism and Nutrition Section, Div. of Endocrinology, Metabolism and Nutrition, Harbor-UCLA Medical Center, Torrance, CA
 1983-1991 Associate Professor of Medicine, UCLA School of Medicine, Los Angeles, CA
 1991-present Professor of Medicine, UCLA School of Medicine, Los Angeles, CA
 1991-present Director, UCLA - NCI Clinical Nutrition Research Unit
 1992-present Director, UCLA - NIH Nutrition and Obesity Training Program
 1996-present Director, UCLA - Center for Human Nutrition
 1999-present Director, UCLA - Center for Dietary Supplements Research: Botanicals

Honors and Awards

1982-1987 NIH Research Career Development Award

B. Total Publications**Selected peer-reviewed publications**

1. Bagga, D., Z. Glick, J.M. Ashley, and D. Heber. Adiposity, fatty acids and the nutritional promotion of breast tumorigenesis in rats. *J. Nutr. Biochem.* 6:667-672, 1995.
2. Bagga, D., J.M. Ashley, S. Geffrey, R.J. Barnard, S. Korenman, and D. Heber. Effects of a very low fat, high fiber diet on serum hormones and menstrual function: implications for breast cancer prevention. *Cancer* 76:2491-2496, 1995.
4. Greenway, F.L., Bray G.A., and D. Heber. Topical fat reduction. *Obesity Research* 3:5615-5685, 1995.
5. Byerley, L.O., and D. Heber. Metabolic effects of triiodothyronine replacement during fasting in obese subjects. *J. Clin. Endo. Metab.* 81:968-976, 1996.
6. Heber, D., Ingles S., Ashley J.M., Maxwell M. H., Lyons R. F., and R.M. Elashoff. Clinical detection of sarcopenic obesity by bioelectrical impedance. *Am. J. Clin. Nutrition*, September 1996.
7. Elstner E; Heber D; Koeffler HP. 20-Epi-vitamin D3 analogs. Potent modulators of proliferation and differentiation of breast cancer cell lines in vitro. *Advances in experimental medicine and biology*, 399:570, 1996.

8. Yip I; Aronson W; Heber D. Nutritional approaches to the prevention of prostate cancer progression. *Advances in experimental medicine and biology*, 1996, 399:173-81.
9. Zhang J, Henning SM, Heber D, Choi J, Wang Y, Swendseid ME, and Go VLW. NADPH-Cytochrome P-450 Reductase, Cytochrome P-450 2C11 and P-450 1A1, and the aryl hydrocarbon receptor in livers of rats fed methyl-folate-deficient diets, *Nutrition and Cancer*. 28(2), 160-164, 1997.
10. Bagga D, Capone S, Wang H-J, Heber D, Lill M, Chap L, Glaspy JA. Dietary Modulation of Omega-3/omega-6 polyunsaturated fatty acid ratios in patients with breast cancer. *J Nat Can Inst* 89:1123, 1997.
11. DeVoss S, Holden S, Heber D, Elstner E, Binderup L, Uskokovic M, Rude B, Chen DL, Cho SK, and Koeffler HP. Effects of potent vitamin D₃ analogs on clonal proliferation of human prostate cancer cell lines. *Prostate*, 31:77-83, 1997.
12. Chamras H, Bagga D, Elstner E, Koeffler HP, and Heber D. Preadipocytes Stimulate Breast Cancer Cell Growth. *Nutrition and Cancer* 32:59-63, 1998.
13. Elster E, Muller C, Koshizuka K, Williamson EA, Park D, Asou H, Shintaku P, Said JW, Heber D, and Koeffler HP. Ligands for peroxisome proliferator-activated receptor gamma and retinoic acid receptor inhibit growth and induce apoptosis of human breast cancer cells in vitro and in BNX mice. *Proc Nat Acad Sci* 95:8806-8811, 1998.
14. Davidon M, Hauptman J, DiGirolamo M, Foreyt J, Halsted C, Heber D, Heimburger D, Lucas C, Robbins D, Chugn J, and Heymsfield S. Weight Control and Risk Factor Reduction in Obese Subjects Treated for 2 Years with Orlistat. *JAMA*, 281:235-242, 1999.
15. Heber D. Assessing Endocrine Effects of Cancer and Ectopic Hormone Syndromes. In: *Nutritional Oncology*. Heber D., Blackburn G.L., Go V.L.W. (eds): Nutritional Oncology, Academic Press, 1999.
16. Yip I, Ashley J.M., Elashoff D.A., Elashoff R.M., Go V.L.W.: Cholesterol-lowering effects of a proprietary Chinese red yeast rice dietary supplement. *American Journal of Clinical Nutrition* 69:231-6, 1999.
17. Heber D, and Tchekmedyian NS. Cancer Cachexia and Anorexia. In: *Nutritional Oncology*. Heber D., Blackburn G.L., Go V.L.W. (eds): Nutritional Oncology, Academic Press, 1999.
18. Heber D, and Go VLW. Gene-Nutrient Interaction and the Xenobiotic Hypothesis of Cancer. In: *Nutritional Oncology*. Heber D., Blackburn G.L., Go V.L.W. (eds): Nutritional Oncology, Academic Press, 1999.
19. Tchekmedyian NS, Cella D, and Heber D. Nutritional Support and Quality of Life. In: *Nutritional Oncology*. Heber D., Blackburn G.L., Go V.L.W. (eds): Nutritional Oncology, Academic Press, 1999.
20. Heber D. Nutritional Therapy. In: *Practical Gynecologic Oncology*. Berek JS and Hacker N (eds). Williams and Wilkins, Baltimore, MD, 1999.
21. Aronson WJ, Tymchuk CN, Elashoff RM, McBride WH, McLean C, Wang H, Heber D. Decreased growth of human prostate LNCaP tumors in SCID mice fed a low-fat, soy protein diet with isoflavones. *Nutr Cancer*, 35(2): 130-6, 1999.
22. Heber, D, Lembertas, A, Lu, Q-Y, Bowerman, S, Go, VLW. An Analysis of Nine Proprietary Chinese Red Yeast Rice Dietary Supplements: Implications of Variability in Chemical Profile and Contents. *The Journal of Alternative and Complementary Medicine* 7(2): 133-139, 2001.
23. Sartippour, MR, Heber, D, Ma, J, Lu, Q, Go, VL, and Nguyen, M. Green Tea and Its Catechins Inhibit BreastCancer Xenografts. *Nutrition and Cancer*, 40(2), 149-156 (2001).

C. Research Support

Ongoing Research Support

1 P50 AT00151 Heber (PI)

9/30/99-7/31/04

PHS/NIH

UCLA Center for Dietary Supplements Research: Botanicals

The major goal of this project is to foster interdisciplinary research to develop systematic evaluation of the safety and efficacy of botanical dietary supplements.

Role: PI

5 P01 CA 42710 Heber (PI)

5/01/02-4/30/07

PHS/NCI

The UCLA Clinical Nutritional Research Unit

The major goal of this project is to focus on the role of nutrition in cancer prevention and control.

Role: PI

N01 WH 42124 Judd (PI)

9/30/94-9/14/05

NCI

Women's Health Initiative (WHI) West

The major goal of this project is to examine the effect of diet, hormone-replacement and calcium/Vitamin D supplementation on the outcome of chronic diseases in women.

Role: Co-Investigator

1U01 CA96116 Belldgrun (PI)

4/01/02-03/31/07

NIH

Chemoprevention of Superficial Bladder Cancer: Project on Green Tea (A. Pantuck)

The major goal of this project is to examine the effects of green tea extract supplement on the Carinogenesis process in superficial bladder tumors.

Role: Co-Investigator

1P50 CA92131 DeKernion (PI)

4/01/02-03/31/07

NIH

UCLA Prostate Cancer SPORE: Nutrition Project

The major goal of this project is to examine the impact of dietary fatty acids at the level of the prostate gland to develop information on biomarkers of nutritional intervention.

Role: Co-Investigator

Completed Research

5D43 TW00013 Detels (PI)

6/01/02-5/31/03

NIH

Int'l Training Grant in Epidemiology Related to AIDS (Supplement Indian Systems Medicine)

The major goal of this project is to develop a long-range plan for UCLA Indian systems of medicine, cooperation to develop biomedical and biobehavioral studies of aids and other diseases.

Role: Co-Investigator

02-25514 Heber (PI)

10/01/02-9/30/03

DHS

Community Nutrition Program in Service Planning Area Six of LA County

The primary goal of this project is to provide education in Obesity Management to medical residents in an undeserved population of Los Angeles and to set up an obesity management program through the local County Health Department.

Role: PI