

April 2018

CURRICULUM VITAE

NAME: Diane H. Norback, M.D., Ph.D.

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EDUCATION: 1966` BA Chemistry, Biology Luther
College, Decorah, IA
1967 MAT Education Northwestern
University, Evanston, IL
1973 PhD Pathology major and
Biochemistry minor University
of Wisconsin, Madison, WI
1974 MD University of Wisconsin,
Madison, WI

INTERNSHIP: 1974- 1975 Pathology University of Wisconsin
Hospitals, Madison, WI

RESIDENCY: 1975- 1977 Pathology University of Wisconsin
Hospitals, Madison, WI

BOARD CERTIFICATION:

Certification in Hematology by the American Board of Pathology (1984)
Certification in Anatomic and Clinical Pathology by the American Board
of Pathology (1978)
Diplomat of the National Board of Medical Examiners (1975)

STATE MEDICAL LICENSE: Wisconsin License

NARCOTICS REGISTRATION (request as needed)

HONORS AND AWARDS:

American Cancer Society Junior Faculty Fellow (1977- 1980)
Sigma Xi
Fellow of the College of American Pathologists
Completion of UW SMPH MEDAL PROGRAM 2007- 2008

EDITORIAL BOARD

Journal of Histotechnology

PROFESSIONAL SOCIETIES:

American Society of Hematology
College of American Pathologists
National Society for Histotechnology
American Society for Investigative Pathology (previously American Association of Pathologists) (discontinued)
Electron Microscopic Society of America (discontinued)
Society of Toxicology (discontinued)
United States and Canadian (previously International) Academy of Pathology (discontinued)
Midwest Society of Electron Microscopists (discontinued)
Wisconsin Society of Pathologists
Society for Analytic Cytology (discontinued)

ACADEMIC APPOINTMENTS:

1981-present	Associate Professor (tenured), Department of Pathology and Laboratory Medicine, University of Wisconsin, Madison, W
1975-1981	Assistant Professor, Department of Pathology (and Laboratory Medicine since 1978) University of Wisconsin, Madison, W
1975-1985	Affiliate Scientist, Wisconsin Regional Primate Research Center, Madison, W
1973-1974	Research Associate, Department of Pathology, University of Wisconsin, Madison, W
1967-1971	Research Assistant, Department of Pathology, University of Wisconsin, Madison, W

HOSPITAL APPOINTMENTS:

2012-present	Faculty Director/Advisor, UH Hematology, Body Fluid and Urinalysis Laboratory
2012-present	Medical Director and CLIA Director since 2016, UHC Point of Care Testing and four UHC Satellite Clinic Laboratories
1982-1989	Director, UWHC Hematology Laboratory
1982-1988	Associate Director, UWHC Clinical Laboratories
1975-present	Active Staff, Pathologist, University of Wisconsin Hospital, Madison W (UWHF Employee 7026)
1974-1977	Resident, Department of Pathology, University of Wisconsin Hospital, Madison, W
1977-1982	Staff Pathologist, Wm S. Middleton Memorial Veterans' Hospital, Madison, W.

TEACHING RESPONSIBILITIES:

Pathology 730: Systemic Pathology—5 credits; course instructor; hematopathology (5 lectures plus 2 laboratories); female genital system and breast (5 lectures plus 2 laboratories); lung tumors (1 lecture); ear, nose, and throat pathology (3 lectures plus laboratory); bone pathology (3 lectures plus laboratory); laboratory medicine (2 lectures); eye pathology (1 laboratory); 13 microscopy laboratory sessions; 5-8 students when offered; 1974-1990

Pathology 731: Ultrastructural and Cytochemical Pathology—3 credits; electron microscopy of hematologic disorders (2 lectures and 2 laboratories) and electron microscopy in surgical pathology (1 lecture and laboratory); 1976-1990

Pathology 990: Research—1 to 5 credits; advise 2-5 students per semester and summer session; 1976-1993

Pathology 770: Autopsy Pathology—1 to 10 credits; supervised approximately 10 groups of medical or graduate students per year; 1975-1982

Pathology 799: Independent Reading and Research—1 to 5 students; 1977-1991

Pathology 703: General Pathology—3 credits; laboratory instructor for graduate students; approximately 15-30 students, 1974-1979; laboratory

- instructor for medical students, 24 students; 1981-1984; small group discussion leader for medical students, approximately 10 students, 1994-2005
- Pathology 402: Survey of Disease States—2 lectures on hematopathology; 400 students; 1988-1990
- Pathology 699: Independent Study – Mentor for undergraduate student research – Ryan Byrne; 2000-2002
- Pathology Residency Program
Director; 1976-1978
Coordinator of Clinical Pathology for the Clinical Laboratories; 1985-1990
Coordinator for the Didactic Tuesday Morning Clinical Pathology Conference; schedule or present all lectures; 1985-2008
Hematology Instructor; each resident in clinical pathology rotates through this service; 1982-1991 and 1994-2005
Microscopic Review of Lymphoma Conference; instructor for monthly (twice monthly since 2000) conference; 1996-2008
CP Weekly Report Conference; oversee resident presentations on hematology and flow cytometry; 1998-2000
Autopsy Pathology Instructor; 1975-1982, 1985-1990, 1995
Autopsy Pathology Consultant to Residents for Hematology and Clinical Pathology; 1994-present
Diagnostic Electron Microscopy Instructor; 8 residents elected a rotation in EM for periods of time ranging from 1-12 months; 1977-1982
Director of Clinical Pathology Rotation for Core Here, UA, and Body fluids; 2014-present
Coordinator for Clinical Pathology: Core Clinical Laboratory Rotation; 2014-2017
- Pathology Graduate Student Program major professor for 6 graduate students; 1976-1994
- Pathology Postdoctoral Training Program 3 postdoctoral fellows; 1978-1990
- Hematology Fellowship Program provide instruction for hematology fellows; 1996-2005; 2013-present
- Pediatrics Postdoctoral Training Program provide monthly conference in hematopathology to all residents and postdoctoral fellows in pediatrics; 1985-1990 and 1995-2004
- Hospital Conferences for Staff, Residents, and Medical Students:
Medicine/Pathology Hematology Conference; weekly conference; 1982-present
Pediatric Hematology/Oncology Conference; weekly conference; 1982-2005
Lymphoma Conference for Pathology, Medicine, and Oncology; monthly conference; 1996-present (now part of Hematology conference)
- Medical School 622-703-7: Medium group instructor for Body in Balance, Invaders and Defense, and Renal -- 2016-present; Hematology--3 credits; 2nd year curriculum Director 2004-2009, small group leader for approximately 10-37 students 1984-present; Lecturer for Acute Leukemia 1996-2005; Lecturer for Lymphoma 1999-2005; coordinator for student blood draw and CBC and reticulocyte count from UWHC Clinical Laboratories
- Medical School Foundations of Medicine laboratory instructor 2013-2015
- Medical School Cardiovascular CPC instructor 2014-2015
- Medical School Renal small group instructor 2015-2016
- Medical School Continuing Medical Education: Basic Hematology; Course Director 2004-2009
- Medical School 704-924: Laboratory Medicine Clinical Hematology Elective--3 credits, 4th year curriculum 1983-2005
- Medical School 622-722-7: Female Reproductive Organs--1 credit; 2nd year curriculum 2 lectures; approximately 130 students; 1980-1985
- Environmental Toxicology 626 and Pathology 626: Toxicology; 2 lectures on blood-formed elements; toxicant produced anemias; 1985-1987
- Environmental Toxicology 875: Current Research in Environmental Toxicology and Pathology--1 credit; course instructor; 35 students per semester; 1980-1985
- Medical Technology 360: Medical Technology for Physicists Assistant; Faculty

Coordinator for Hematology; present 4 lectures and 1 laboratory; 1985-1988
Medical Technology 402: Clinical Laboratory Practice--3 credits; supervised rotation in electron microscopy techniques; 1-2 students elected this 1-week rotation per year; 1978-1983
Medical Technology 411: Hematology Introductory Methods--2 credits; Faculty Coordinator for the course; present 1 lecture; 1985-present
Medical Technology 512: The Red Cell--3 credits; Faculty Coordinator for the course; present 2 lectures: Anemias-General Introduction, Immune Hemolytic Anemia; 1985-1988
Medical Technology 513: The White Cell--3 credits; Faculty Coordinator for the course; present 3 lectures: Morphology of Hematopoietic Cells (including ultra-structure), Myeloproliferative Disorders, and Acute Leukemia; 1985-1988
Medical Technology 514: Hemostasis and Coagulation--2 credits; Faculty Coordinator for the course; 1985-1988
Trainer for Biocore students: Shawn Rzentkowski, 1988; Jackie Bastyr, 1989.
Trainer for Biology 152 students: Ryan Byrne; 2000
UW Health Outreach CME: Lectured on *Acute Leukemia* at Richland Center Hospital, 1997 and Portage-Divine Savior Hospital, 2001

PREDOCTORAL AND POSTDOCTORAL TRAINING:

John Britt, Received Master of Science Degree 1979--Graduated from Georgetown University Medical School in 1982; became resident in Orthopedic Surgery at Case Western, Cleveland, OH.
Robert Weltman, Received Doctor of Philosophy Degree, May 1982--Became Toxicologist at Hazelton-Raltech, Madison, WI.
Joan Lavalle Bundtzen, Postdoctoral Fellow 1979-1980--Became Instructor, Department of Laboratory Medicine and Pathology, University of Minnesota.
Gunda Reddy, Postdoctoral Trainee, 1981-1982--Became Research Toxicologist, Health Effects Research Division, U.S. Army Medical Biotechnology Laboratory, Fort Detrick, MD.
Patrick McDougal, Postdoctoral Trainee, 1982-1983--Became Assistant Professor, Department of Chemistry, Georgia Institute of Technology, Alabama.
David Peters, Received Doctor of Philosophy Degree, 1991, Graduated from UW Medical School in 1995, finished Pathology residency in 1999 and Hematopathology Fellowship at UW Hospital in 2000, pathologist for Meriter Hospital, Madison, WI.
James Hendricks, Received Doctor of Philosophy Degree, 1990--Became Assistant Professor, Department of Pathology, University of Florida and then Associate Professor of Pathology, University of Louisiana.
Edward Geissler, Received Doctor of Philosophy Degree, 1991--Became Postdoctoral Fellow in Department of Surgery, University of Wisconsin and then Assistant Professor at Department of Medical Technology, University of South Alabama.
Annie Chou, Received Masters Degree in December 1994
Edward Nikić, Postdoctoral Trainee and Resident, 1989-1990

RESEARCH SUPPORT:

NIH Grant ES 1480 "Nephrotoxic Effects of Environmental Hydrocarbons" 1976-1980 (Co-Principal Investigator) Direct Award \$114,610
NIH Grant CA 22140 "Carcinogenic Potential of Polychlorinated Biphenyls" 1977-1981 (Principal Investigator) Direct Award \$95,942
University of Wisconsin Graduate School Grant 1354426; project 180687 "Hepatocellular Metabolism and Biliary Excretion of Polychlorinated Biphenyl Isomers by the Rhesus Monkey" 7-1-77 to 6-30-78 (Principal Investigator) Direct Award \$7,000
VA Research Advisory Group Grant. "Carcinogenic Action of Polychlorinated Biphenyls" 1978-1980 (Principal Investigator) Direct Award \$40,650
University of Wisconsin Graduate School Grant 1354453; project 190629

- "Cell Culture Evaluation of the Toxicity and Carcinogenicity of Polychlorinated Biphenyls" 7-1-78 to 6-30-79 (Principal Investigator)
\$3,000
University of Wisconsin Graduate School Grant 1354513; project 101368
"Nephrotoxic Effects of Environmental Hydrocarbons" Partial salary support for Res. Asst. 3-1-80 to 5-31-80 (Principal Investigator)
\$3,976
University of Wisconsin Medical School Grant 133A251 (from the Medical School Mutual Donor Pool) "Ultrastructural Identification of Transformed Cells from Cell Lines and Primary Cultures" Salary support for Res. Asst. 6-1-80 to 11-30-80 (Principal Investigator)
\$9,000
American Cancer Society Grant, administered through the McArdle Laboratory, "PCB-induced Transformation of C3H10T1/2" Cells 1980 (Principal Investigator) \$4,500
VA Research Grant for purchase of electron microscope. 1980 (Principal Investigator) \$58,627
VA Merit Review "Carcinogenic Action of Polychlorinated Hydrocarbons" 1981-82 (Principal Investigator) Direct Award for 4 years \$382,000
University of Wisconsin Graduate School Grant 1354403; project 140910
"Initiation/Promotion Activity of 2,4,5,2',4',5' - Hexachlorobiphenyl" 1982-1983 \$7,236
American Cancer Society Grant, administered through the McArdle Laboratory, "Ultrastructural Characteristics of Lymphocyte Subgroups Using Monoclonal Antibodies Labeled with Colloidal Gold" (sponsor for David Peters, Graduate Student Investigator) 10-1-83 to 9-30-84
\$3,000
Hazleton Raltech Grant 133-G523, "Electron Microscopy of Murine Tissue" 8-9-83 to 1985 \$19,000
Technicon Grant 133-H961, "Evaluation of H-6000" 4-1-84 to 1985 \$5,000
University of Wisconsin Graduate School Grant 135-4438; project 170497
"Antigen Expression and Receptor Processing in Discrete Subpopulations of Activated T-Lymphocytes" 1986-87 (Returned all but \$2,500 when alternate source of funding became available.) \$10,836
University of Wisconsin Graduate School Grant 135-4451; project 881573
"Antigen Expression and Receptor Processing in Discrete Subpopulations of Activated T-Lymphocytes" 1988-89 \$11,460

NATIONAL COMMITTEES:

- Food and Drug Administration: Hematology and Pathology Devices Panel and Consultant or Voting Member, 1985-present
Veterans Administration Advisory Committee on Health-Related Effects of Herbicides (December, 1979)

UNIVERSITY COMMITTEES:

- Pathology and Laboratory Medicine Committees
Electron Microscopy Committee, 1974-1985
House Staff Committee, Chairman, 1976-1978; member 1983-1990; and 1997-2006
Autopsy Educational Committee, 1977
Graduate Education Committee, Chairman 1983-1988; member 1980-1994
Educational Resources Committee, Chairman 1998
Committee to Draft the Faculty Educational Workload Policy; chairman 1994
Committee to Draft the Post-Tenure Review Committee; chairman 1994-1995
Committee to Draft UPP Incentive Plan; member 1994-1995
Neuropathologist Search Committee; member 1994

Admissions Committee; 1998-2001
Continuing Medical Education Committee, 1988-1995
Postgraduate Advisory Committee, 1979-1982
First and Second Year Course Directors 2004-2012

HOSPITAL OR CLINICAL LABORATORY COMMITTEES:

CP Beaker Committees for Heme, UA, Body Fluids
Lab Operations and Quality Committee 2017-present
Quality Service Team 2017-present
Laboratory Testing Oversight Committee 2012-Present
Integrated Hematology Service Team 2012-present
Point-of-Care Service Team 2012-present
Satellite Service Team 2013-present
Pathology House Staff Committee 2003-2006
Medical Board, alternate 1984-1988
Medical Records Committee, Pathology representative 2000-present
Physician Subcommittee of Medical Records Committee 2002
Joint Ambulatory Care Council 1997-1998
Quality Assurance Committee for Hematology, Clinical Laboratories, 1994-2005
Quality Assurance Committee for Flow Cytometry, Clinical Laboratories, 1994-2005
Utilization Steering Team 1996-1999
Utilization Practice Committee, 1996-1999
Outside Testing Review Committee, 1996-1999
Committee to Review and Recommend Use of Cytogenetic Testing, Chair, 1997-2000
Pre-approved Orders Review Committee, Chair, 1998-1999
Administrative Quality Review Committee, 1999-2002

DEPARTMENT REPRESENTATIVE TO UNIVERSITY SENATE, 1976-1977 and 1981-1993, alternate 1983-1993 and 2001-2016

ADMINISTRATIVE RESPONSIBILITIES

UWMC Core Hematology and Urinalysis Laboratory Medical Director 2012-present
UWMC and University Station CLIA Director for Point of Care Testing 2012-
UWMC Digestive Health Clinic Laboratory, Director
Clinical Hematology Laboratory Director, Clinical Laboratories, University
Hospital and Clinics, University of Wisconsin, Madison WI, 1982-1990
Associate Medical Director and Acting Director (in absence of director),
Clinical Laboratories, 1982-1988
Diagnostic Electron Microscopy Chief, Laboratory Service, Wm. S. Middleton
Memorial Veterans' Hospital, Madison, WI, 1977-1982
Hematology Fellowship Educational Director, 1999
Pathology Graduate Program Director, 1983-1988
Pathology Residency Program Director, 1976-1978
Executive Committee, Environmental Toxicology Center, 1981-1986
Associate Program Director for Pathology of the Training Grant in
Environmental Pathology (part of the Center for Environmental Toxicology
Training Grant -- Budget of \$1,187,028 over 5 years), 1980-1985

OTHER UNIVERSITY SERVICE:

Directing Board, Lutheran Campus Ministry (a UW student organization), Member,
1990-1996 Chair, 1994-1996
Luther Memorial Campus Ministry Committee, Chair, 1996-2000
Luther Memorial & Lutheran Campus Center student service 1990-present
Mentor Program faculty mentor for minority student, 1990-1994
Mentor for women medical students, 1997-1999

PUBLICATIONS:

Papers Published in Refereed Journals

1. Norback D.H. and Allen, J.R.: Morphogenesis of toxic fat-induced concentric membrane arrays in rat hepatocytes. *Laboratory Investigation*, 20: 338-346, 1969.
2. Allen, J.R., Carstens, L.A., Norback, D.H., and Loh, P.M.: Ultrastructural and biochemical changes associated with pyrrolizidine-induced hepatic megakaryocytosis. *Cancer Research*, 30: 1857-1866, 1970.
3. Allen, J.R., Carstens, L.A., and Norback, D.H.: Ultrastructural and biochemical changes in the liver of monochloroamine intoxicated chickens. *Toxicology and Applied Pharmacology*, 16: 800-806, 1970.
4. Norback D.H. and Allen, J.R.: Chlorinated triphenyl-induced extensions of the hepatic endoplasmic reticulum. *Proceedings of the Society for Experimental Biology and Medicine*, 139: 1127-1131, 1972.
5. Norback, D.H. and Allen, J.R.: Chlorinated aromatic hydrocarbon induced modifications of the hepatic endoplasmic reticulum concentric membrane arrays. *Environmental Health Perspectives*, 1: 137-143, 1972.
6. Allen, J.R. and Norback, D.H.: Polychlorinated biphenyl- and triphenyl-induced gastric mucosal hyperplasia in primates. *Science*, 179: 498-499, 1973.
7. Allen, J.R., Abrahamson, L.J., and Norback, D.H.: Biological effects of polychlorinated biphenyls and triphenyls on the subhuman primate. *Environmental Research*, 6: 344-354, 1973.
8. Norback, D.H. and Allen, J.R.: Biological responses of the nonhuman primate, chicken and rat to chlorinated dibenzo-p-dioxin ingestion. *Environmental Health Perspectives*, 5: 233-240, 1973.
9. Allen, J.R., Norback, D.H., and Hsu, I.C.: Tissue modifications in monkeys as related to absorption, distribution and excretion of polychlorinated biphenyls. *Archives of Environmental Contamination and Toxicology*, 2: 86-95, 1974.
10. Norback, D.H., Engblom J.F. and Allen, J.R.: Tissue distribution and excretion of octachlorodibenzo-p-dioxin in the rat. *Toxicology and Applied Pharmacology*, 32: 330-338, 1975.
11. Allen, J.R., Van Miller, J.P., and Norback, D.H.: Tissue distribution excretion and biological effects of ¹⁴C-tetrachloro-dibenzo-p-dioxin in rats. *Food and Cosmetics Toxicology*, 13: 501-505, 1975. 12. Norback, D.H., Seymour, J.L., Kneriemer K.M., Peterson, R.E., and Allen, J.R.: Biliary metabolites of 2,5,2',5'-tetrachlorobiphenyl in the rat. *Research Communications in Chemical Pathology and Pharmacology*, 14: 527-533, 1976.
12. Bairstow, F., Hsia, M.T., Norback, D.H., and Allen, J.R.: Toxicity of Firemaster FF-1 and 2,2',4,4',5,5'-hexabromobiphenyl in cultures of C₃H/10 T_{1/2} mammalian fibroblasts. *Environmental Health Perspectives*, 23: 321-327, 1978.
13. Venkatesh, N., Polyn, R.E., and Norback, D.H.: Metastatic calcification: The role of bone scanning. *Radiology*, 129: 755-758, 1978.

14. Johnson, S. C., Gripps, D. J., and Norback, D. H.: Actinic reticuloid: A clinical, pathologic and action spectrum study. *Archives of Dermatology*, 115: 1078-1083, 1979.
15. Zimmerman, S. W. and Norback, D. H.: Nephrotoxic effects of long-term carbon tetrachloride administration in rats. *Archives of Pathology and Laboratory Medicine*, 104: 94-99, 1980.
16. Bluhm J. F., III, Johnson, S. C., and Norback, D. H.: Bullous amyloidosis: Case report with ultrastructural studies. *Archives of Dermatology*, 116: 1164-1168, 1980.
17. Starling, J. R., Clifton, K. H., and Norback, D. H.: Enzymatic and ultrastructural study of lysosomes in rats bearing radiation-induced thyroid follicular carcinoma. *Journal of Surgical Oncology*, 16: 15-25, 1981.

18. Almagro, U.A., Schulte, W.J., Norback, D.H., and Turcotte, J.K.: Glomus tumor of the stomach: histologic and ultrastructural features. *American Journal of Clinical Pathology*, 75: 415-419, 1981.
19. Angevine, D.M., Norback, D.H., and Dortzbach, R.K.: Virus in papilloma. *Journal of the American Medical Association*, 246: 1087-1088, 1981.
20. Norback, D.H., Mack, E., Reddy, G., Britt, J., and Hsia, M.T.: Metabolism and biliary excretion of 2,4,5,2',4',5'-hexachlorobiphenyl in the rhesus monkey (*Macaca mulatta*). *Research Communications in Chemical Pathology and Pharmacology*, 32: 71-85, 1981.
21. Arenberg, I.K., Rauchbach, E., and Norback, D.H.: The normal and experimentally hydroptic endolymphatic sac in lemon sharks--A scanning electron microscopic study. *American Journal of Otolaryngology*, 2: 230-234, 1981.
22. Arenberg, I.K., Murray, J.P., Schenck, N.L., and Norback, D.H.: Experimental endolymphatic hydrops in sharks. I. Histologic studies. *American Journal of Otolaryngology*, 3: 81-95, 1981.
23. Starling, J.R., Wese, J.L., and Norback, D.H.: Pulmonary alveolar macrophage lysosomal enzyme activity after sublethal rotational trauma. *Journal of Surgical Research*, 31: 128-135, 1981.
24. Almagro, U.A., Choi, H., Caya, J.G., and Norback, D.H.: Cutaneous malakoplakia. Report of a case and review of the literature. *American Journal of Dermatopathology*, 3: 295-301, 1981.
25. Arenberg, I.K. and Norback, D.H.: Ultrastructural pathology of endolymphatic sac biopsy specimens correlated with the clinical stage in Meniere's disease. *Revue de Laryngologie*, 102: 237-238, 1981.
26. Bundtzen, J.L. and Norback, D.H.: The ultrastructure of poorly differentiated rhabdomyosarcomas: a case report and literature review. *Human Pathology*, 13: 301-313, 1982.
27. Arenberg, I.K., Norback, D.H., and Shambaugh, G.E. Jr.: Ultrastructural Analysis of Endolymphatic Sac Biopsies. *Archives of Otolaryngology*, 108: 292-298, 1982.
28. Choi, H., Almagro, U.A., McManus, J.T., Norback, D.H., and Jacobs, S.C.: Renal oncocytoma: a clinicopathologic study. *Cancer*, 51: 1887-1896, 1983.
29. Zimmerman, S.W. and Norback, D.H.: Carbon tetrachloride nephrotoxicity in rats with reduced renal mass. *Archives of Pathology and Laboratory Medicine*, 107: 264-269, 1983.
30. Reznikoff, C.A., Gilchrist, K.W., Norback, D.H., Cummings, K.B., Erturk, E., and Bryan, G.T.: Altered growth patterns *in vitro* of human papillary transitional carcinoma cells. *American Journal of Pathology*, 111: 263-272, 1983.
31. Reznikoff, C.A., Johnson, M.D., Norback, D.H., and Bryan, G.T.: Growth and characterization of normal human urothelium *in vitro*. *In Vitro*, 19: 326-343, 1983.
32. Norback, D.H. and Weltman, R.H.: Polychlorinated biphenyl induction of hepatocellular carcinoma in the Sprague-Dawley rat. *Environmental Health Perspectives*, 60: 97-105, 1985.
33. Arenberg, I.K., Norback, D.H., and Shambaugh, G.E., Jr.: Distribution and density of subepithelial collagen in the endolymphatic sac in patients with Meniere's disease. *The American Journal of Otolaryngology*, 6: 449-454, 1985.
34. MacKinney, A.A., Jr., Knobeloch, L., and Norback, D.: The effect of diphenylhydantoin and cortisol on the cell cycle. *Proceedings of the Society for Experimental Biology and Medicine*, 188: 173-176, 1988.

35. Baker, B. L., Hendricks, J. B., Shahidi, N. T., Woodson, R. D., Schultz, J. C., and Norback, D. H.: Humoral and cellular immunosuppression of granulopoiesis in a patient with neutropenia. *The American Journal of Medicine*, 85: 264-268, 1988. 26. Bridges, A. J., Norback, D., Fisch, P., England, D., and Sondel, P.: T helper-cell leukemia/lymphoma: presentation as an acute immune-mediated illness. *Journal of Clinical Immunology*, 10: 61-70, 1990.
36. Peters, D. K. and Norback, D. H.: Binding and internalization of biotinylated interleukin 2 in human lymphocytes. *Blood*, 76: 97-104, 1990.
37. Nikić, E. P. and Norback, D. H.: Argrophilic nucleolar organizer region (AgNOR) staining in normal bone marrow cells. *Journal of Clinical Pathology*, 43: 723-727, 1990.
38. Nikić, E. P. and Norback, D. H.: The use of a colloidal silver (AgNOR) method in assessing bone marrow iron stores and sideroblasts. *Modern Pathology*, 4: 363-367, 1991.
39. Schiller, J. H., Bittner, G., Meisner, L. F., Oberley, T. D., Norback, D., Schwabe, M., Faltynek, C. R., and Raab-Traub, N.: Establishment and characterization of an Epstein-Barr virus spontaneously transformed lymphocytic cell line derived from a hairy cell leukemia patient. *Leukemia*, 5: 399-407, 1991.
40. Nikić, E. P. and Norback, D. H.: Spectrum of argrophilic nucleolar organizer region (AgNOR) staining patterns in chronic and transformed B-cell leukemias. *Archives of Pathology and Laboratory Medicine* 116: 265-268, 1992.
41. Wellik, D. M., Norback, D. H., DeLuca, H. F.: Retinol is specifically required during midgestation for neonatal survival. *American Journal of Physiology*, 272 (Endocrinology and Metabolism 35: E25-E29, 1997).
42. Norback, D. H. Lymphocyte-predominant Hodgkin's Disease: A case study illustrating diagnostic value of immunohistochemistry. *Journal of Histotechnology*, 24: 245-249, 2001.
43. Kobbervig, C., Norback, D., Kahl, B.: Infectious Mononucleosis Progressing to Fatal Malignant Lymphoma: A Case Report and Review of the Literature. *Leukemia and Lymphoma*, 44: 1215-1221, 2003.

Publications Within Books of Refereed Papers

44. Allen, J. R., Carstens, L. A., and Norback, D. H.: Biological effects of the polychlorinated biphenyls in nonhuman primates. *Proceedings of the International Symposium on Recent Advances in the Assessment of the Health Effects of Environmental Pollution*, 1: 385-397, 1974.
45. Allen, J. R. and Norback, D. H.: Pathobiological responses of primates to polychlorinated biphenyl exposure. *Proceedings of the National Conference on Polychlorinated Biphenyls*. EPA-560/6-75-004, p. 43-49, 1976.
46. Allen, J. R. and Norback, D. H.: Carcinogenic potential of the polychlorinated biphenyls. *Cold Spring Harbor Conference on Cell Proliferation*, Vol. 4, Book A, Incidence of Cancer in Humans (H. H. Att, J. D. Watson, and J. A. Winsten, eds.), p. 173-186, 1977. 27. Norback, D. H., Ghila, H. P., and Reddy, G.: In vitro measurement of polychlorinated biphenyl toxicity. *In Toxicology of Halogenated Hydrocarbons: Health and Ecological Effects* (M. A. Q. Khan and R. H. Stanton, eds.), Pergamon Press, New York, pp. 173-186, 1981.

47. Hendricks, J. B., Schultz, J. C., Norback, D. H., and Shahidi, N. T.: The effect of cyclosporine on T-cell proliferation and erythropoiesis in vitro. In Regulation of Erythropoiesis (E. Zanjani, M. Tavassoli, and J. L. Ascensao, eds.), PMA Publishing Corp., Great Neck, NY, pp. 511-517, 1989.

LETTERS:

1. Baker, B. L., Woodson, R. D., Shahidi, N. T., Schultz, J. C., Hendricks, J. B., and Norback, D. H.: Cyclosporin A in adult onset neutropenia. British Journal of Haematology 70: 255, 1988.
2. Baker, B. L., Woodson, R. D., Shahidi, N. T., Schultz, J. C., Hendricks, J. B., and Norback, D. H.: Cyclosporin A in adult onset neutropenia. British Journal of Haematology 71: 301, 1989.
3. Nikicić, E. P. and Norback, D. H.: Argrophilic nucleolar organizer region (AgNOR) staining in normal bone marrow cells. Journal of Clinical Pathology 44: 526, 1991.

PRESENTATIONS ON EDUCATION AT NATIONAL MEETINGS:

1. Norback, D. H.: Student use of microscopes with digital interfaces in medical education. Presentation to Meeting of Hematology Medical School Course Directors, American Society of Hematology; Atlanta, Georgia; December 11, 2005.