

June 29, 2010

CURRICULUM VITAE

NAME: Byron Pennington Croker, M.D., Ph.D.
Chief, Pathology and Laboratory Medicine Service (113)
North Florida/South Georgia Veterans Health System
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and
Professor, University of Florida
College of Medicine
Department of Pathology, Immunology and Laboratory Medicine
Gainesville, Florida 32610-0275

BIRTH: November 23, 1945
Pittsburgh, Pennsylvania, USA

EDUCATION: B.S., Chemistry - University of Pittsburgh, 1963 - 1967

M.D. - Duke University School of Medicine, 1967 - 1971

Ph.D., Pathology - Duke University, 1967 - 1971

Pathology Internship, Duke University Medical Center,
Durham, North Carolina, 1971 - 1972

Fellowship- Immunopathology, Scripps Clinic
and Research Foundation, La Jolla, California, 1972 - 1976

Pathology Residency, Duke University Medical Center,
Durham, North Carolina, 1976 - 1977

APPOINTMENTS: Assistant Professor
Duke University Medical Center
Durham, North Carolina, 1977 - 1982

Staff Physician
Veteran's Administration Hospital
Durham, North Carolina, 1977 - 1982

Member
Duke Comprehensive Cancer Center
Durham, North Carolina, 1980 - 1982

Associate Professor
University of Florida
Gainesville, Florida, 1982 - 1992

Professor
University of Florida
Gainesville, Florida, 1992 - DATE

Chief, Pathology and Laboratory Medicine Service
VA Medical Center
Gainesville, FL 1988 - 1998

System Chief, Pathology and Laboratory Medicine Service
North Florida/South Georgia Veterans Health System
Gainesville, FL 1998 - DATE

U.S. Army
COL, Senior Flight Surgeon, Ret
Nov 23, 2005

COMMITTEES:

National
Kidney Panel for Center of Environmental
Pathology and Toxicology
Armed Forces Institute of Pathology, Washington, D. C. 1993 - DATE
Regional Commissioner for Accreditation and Certification, September 1994-DATE

University Affiliation
Hospital Cancer Committee
Executive Committee, Department of Pathology
VA Dean's Committee, College of Medicine

VAMC Affiliation
Ancillary Testing Committee
Education Committee
Medical Executive Committee
Specialty Care Committee

**HONORS AND
AWARDS:**

American Cancer Society
California Division,
Fellowship, 1974 - 1976

Florida Distinguished Service Medal
State of Florida, 1990

BOARDS:

National Board of Medical Examiners, 1972
California, 1972
North Carolina, 1976

American Board of Pathology, Anatomic Pathology, 1977
Florida, 1982

SOCIETY International Academy of Pathology
MEMBERSHIPS: American Society for Investigative Pathology
American Society of Nephrology
American Association for the Advancement of Science
Association of VA Pathologists
International Society of Nephrology
College of American Pathologists
Renal Pathology Society

GRANT SUPPORT: Agency: NIH
Principal Investigator: Laurence Morel, Ph.D.
Title: Characterization of SLE-susceptibility Loci on Mouse Chromosome 1
Time %:10
Direct Costs: \$276,067
Duration: 5/1/09 - 4/30/10

Agency: NIH
Principal Investigator: Christine Baylis, M.D.
Title Nitric Oxide in Chronic Renal Disease
Dates 12/01/09 - 1/31/2010
Direct Costs \$180,810.00
R01-DK056843
Time 5%

Agency: NIH
Principal Investigator: Laurence Morel
Title: Genetic Dissection of SLE1 Contribution to SLE Pathogens
Time: 2.5%
Dates: 2/15/09 – 1/31/2010
Direct Costs: \$237,862

Agency: Forest Laboratories
Principal Investigator: Christine Baylis, Ph.D.
Title: Mechanism of Nebivolol Induced Increase in Nitric Oxide Production in Two
Models of CDK in the Rat
Time: 5%
Dates: 12/16/08 – 1/31/2010
Direct Costs \$168,055

Agency: Alliance for Lupus Research
Principal Investigator: Laurence Morel, Ph.D.
Title: Retinoic Acid Regulation of T Cell Homeostasis in Lupus
Time: 5%
Dates: 2/1/2009 – 1/31/2010
Direct Costs: \$106,253.00

Agency: Forest Laboratories Inc
Principal Investigator: Chris Baylis
Title: Mechanism of Nebivolol induced increase in nitric oxide production in two models of CKD in the rat
Time: 5%
Dates: 12/16/08 – 10/13/09
Direct Costs \$115,998

Agency: NIH
Principal Investigator: Chris Baylis
Title: Nitric oxide in chronic renal disease
Time: 5%
Dates: 12/1/99 – 1/31/11
Direct Costs \$262,177

PUBLICATIONS:

1. Shapiro, A. P., Scheib, E.T. and Croker, B.P. The effect of water diuresis on blood pressure and renal damage in male and female rats with chronic pyelonephritis due to Proteus 970. J. Lab. Clin. Med. Vol. 73, pp. 970-979, 1969.
2. Croker, B.P., Saladino, A.J. and Trump, B.F. Ion movements in cell injury. Relationship between energy metabolism and the pathogenesis of lethal injury in the toad bladder. Amer. J. Pathol. Vol. 59, pp. 247-278, 1970.
3. Croker, B. P. and Tisher, C. C. Effects of fixation on vasopressin-induced formation of intercellular spaces in the toad urinary bladder. Amer. J. Pathol. Vol. 63, pp. 371-392, 1971.
4. Croker, B.P. and Tisher, C.C. Factors affecting fluid movement and intercellular space formation in the toad bladder. KI Vol. 1, pp. 145-155, 1972.
5. Croker, B.P., Del Villano, B.C., Jensen, F.C., Lerner, R.A. and Dixon, F.J. Immunopathogenicity and oncogenicity of murine leukemia viruses. I. Induction of immunologic disease and lymphoma in (Balb/c x NZB) F1 mice by Scripps leukemia virus. J. Exp. Med. Vol. 140, pp. 1028-1047, 1974.
6. Del Villano, B.C., Nave, B., Croker, B.P., Lerner, R.A. and Dixon, F.J. Oncornavirus-glycoprotein gp 69/71: a constituent of the surface of normal and malignant thymocytes. J. Exp. Med. Vol. 141, pp. 172-187, 1975.
7. Jaenisch, R., Fan, H. and Croker, B.P. Infection of preimplantation mouse embryos and of new born mice with leukemia virus: Tissue distribution of viral DNA and RNA and leukemogenesis in the adult animal. PNAS Vol. 72, pp. 4008-4012, 1975.
8. Del Villano, B.C., Croker, B.P., McConahey, P.J. and Dixon, F.J. Immunopathogenicity and oncogenicity of murine leukemia viruses. II. Infection of mice and rats with Scripps leukemia virus. Amer. J. Pathol. Vol. 82, pp. 299-314, 1976.
9. Croker, B.P., McConahey, P.J., Murphy, E.D. and Dixon, F. J. Immunopathogenicity and oncogenicity of murine leukemia virus. III. Quantitation of spontaneous virus expression. J. Natl. Cancer Inst. Vol. 59, pp. 199-205, 1977.

10. Pozner, L.H., Daniels, C.A., Cooper, J.A., Cohen, H.J., Logue, G.L. and Croker, B.P. Replication of type I herpes simplex virus in primary cultures of hairy cell leukemic leukocytes. Am. J. Pathol. Vol. 90, pp. 187-200, 1978.
11. Croker, B.P., Bourdon, M., McConahey, P.J. and Dixon, F.J. Immunopathogenicity and oncogenicity of murine leukemia virus. IV. antinuclear antibody response and tumor induction in B10.A recombinant mice. J. Immunogenetics Vol 5, pp. 401-409, 1978.
12. Dratwa, M., Tisher, C.C., Sommer, J.R., and Croker, B.P. Intramembranous particle aggregation in toad urinary bladder after vasopressin stimulation. Lab. Invest. Vol. 40, pp. 46-54, 1979.
13. Kramer, S.A., Bradael, J., Croker, B.P., Paulson, D.F. and Glenn, J.F. Primary non-urachal adenocarcinoma of bladder. J. Urology Vol. 121, pp. 278-281, 1979.
14. Croker, B.P., Zinkernagel, R.M. and Dixon, F.J. Natural cytotoxic cells in NZB mice: spontaneous, In vivo and in vitro primed activity and structural characteristics. Clin. Immunol. and Immunopath. Vol. 12, pp. 410-424, 1979.
15. Woolf, A., Croker, B.P., Osofsky, S.G. and Kredich, D.W. Nephritis in children and young adults with systemic lupus erythematosus and normal urinary sediment. Pediatrics Vol. 64, pp. 678-685, 1979.
16. Bradford, W.D., Croker, B.P. and Tisher, C.C. Kidney lesions in Rocky Mountain Spotted Fever: a light-immunofluorescence, and electron microscopy study. Am. J. Pathol. Vol. 97, pp. 381-392, 1979.
17. Lee, S., Croker, B.P., Ferrone, S., Reisfeld, R.A. and Orloff, M.J. Effect of azathioprine treatment on intrasplenic ovarian tumors in rats. J. Res. Instit. Med. Sci. of Korea Vol. 11, pp. 17-22, 1979.
18. Bredael, J.J., Croker, B.P. and Glenn, J.F. The curability of invasive bladder cancer treated by radical cystectomy. Europ. Urol. Vol. 6, pp. 206-210, 1980.
19. Reintgen, D., Croker, B. P., Vervaert, C., Feldman, J. and Seigler, H.F. Immunological consequences of transplanting rat insulinomas. Transplantation Vol. 30, pp. 16-22, 1980.
20. Gibson, W.G.H., Peng, T-C. and Croker, B.P. C-cell nodules in adult human thyroids: A common autopsy finding. Am. J. Clin. Path. Vol. 75, pp. 347-350, 1981.
21. Baker, P.J., Croker, B.P. and Osofsky, S.G. Interactions of human cultured kidney cells with the complement system. KI. Vol. 20, pp. 337-341, 1981.
22. Borowitz, M.J., Croker, B.P. and Metzgar, R.S. Comparison of histologic and immunologic heterogeneity of non-Hodgkin's lymphomas. Am. J. Path. Vol. 105, pp. 97-106, 1981.
23. Stuhlmiller, G.M., Sullivan, D.C., Vervaert, C.E., Croker, B.P., Harris, C.C., and Seigler, H.F. In vivo tumor localization utilizing tumor specific xenoantibody, alloantibody and monoclonal antibody. Ann. Surg. Vol. 194, pp. 592-601, 1981.
24. Sullivan, D.C., Croker, B.P., Harris, C.C., Deery, P. and Seigler, H.F. Lymphoscintigraphy with Tc 99m antimony sulfur colloid in malignant melanoma. Am. J. Roentg Vol. 137, pp. 847-851, 1981.
25. Borowitz, M.J., Croker, B.P. and Burchette, J. Immunocytochemical detection of lymphocyte surface antigens in fixed tissue sections. J. Histochem. Cytochem. Vol. 30, pp. 171-174, 1982.

26. Allen, D.B., Friedman, A.L., Croker, B.P. and Osofsky, S.G. Glomerulonephritis associated with infective endocarditis in a pediatric patient. N.C. Med. J. Vol. 43, pp. 113-117, 1982.
27. Gibson, W.G.H., Peng, T-C. and Croker, B.P. Age associated C-cell hyperplasia in human thyroid. Am. J. Pathol. Vol. 106, pp. 388-393, 1982.
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29. Sanfilippo, F., Croker, B.P. and Bollinger, R.R. Fate of four cadaveric donor renal allografts with mesangial IgA deposits. Transplantation Vol. 33, pp. 370-376, 1982.
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31. Croker, B.P. and Borowitz, M.J. Cytotoxic T-cell allotaxis in human kidney rejection. Am. J. Clin. Path. Vol. 78, pp. 707-711, 1982.
32. Linder, J., Silberman, H.R. and Croker, B.P. Amyloidosis complicating hairy cell leukemia. Am. J. Clin. Path. Vol. 78, pp. 864-867, 1982.
33. Sanfilippo, F., Pizzo, S.V. and Croker, B.P. Immunohistochemical studies of cell differentiation in a juxtaglomerular tumor. Arch. Path. Vol. 106, pp. 604-607, 1982.
34. Alexander, C. B., Croker, B.P. and Bossen, F.H. Dermatomyositis associated with IgA Deposition. Arch. Path. Vol. 106, pp. 449-451, 1982.
35. Stuhlmiller, G.M., Borowitz, M.J., Croker, B.P. and Seigler, H.F. Multiple assay characterization of murine monoclonal antimelanoma antibodies. Hybridoma Vol. 1, pp. 447-460, 1982.
36. Croker, B.P., Bossen, E.H., Brinn, N.T. and Hammond, F.A. A fixative for use in muscle histochemistry. J. Histochem. Cytochem. Vol. 31, pp. 110-112, 1982.
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3. Reintgen, D.S., Sullivan, D., Coleman, E., Briner, W., Croker, B.P. and Seigler, H.F. Lymphoscintigraphy for malignant melanoma: surgical considerations. Amer. Surg. Vol. 49, pp. 672-678, 1983.
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51. Wilkinson, E.J., Croker, B.P., Franzini, D.A. and Friedrich, E.G. Two distinct pathologic types of giant cell tumor of the vulva. A report of two cases. J. Reproduct. Med. Vol. 33, pp. 519-522, 1988.
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54. Mehta, J. L., Malhotra, S., Croker, B.P., Lawson, D.L., Martin, T.D., Mayfield, W.R. and Staples, E.D. Polymorphonuclear leukocytes relax human internal mammary artery and saphenous vein segments differently. Cor. Art. Dis. Vol. 2, pp. 379-388, 1991.
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57. Gibson, J.S. and Croker, B.P. Chromatin structure changes suggest a compensatory response to c-myc gene amplification in malignant fibrous histiocytoma. J. of Cellular Biochem. Vol. 49, pp. 148-156, 1992.
58. Ford, M.J., Smith, K.L., Croker, B.P., Hacker, S.M. and Flowers, F.P. Large granular lymphocytes within the epidermis of erythema multiforme lesions. J. of the Amer. Acad. of Dermat. Vol. 27, pp. 460-462, 1992.
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69. Solez, K., Benediktsson, H., Cavallo, T., Croker, B., Demetris, A.J., Drachenberg, C., Emancipator, S., Furness, P.N., Gaber, L.W., Gibson, I.W., Gough, J., Gupta, R., Halloran, P., Häyry, Kashgarian, M., Marcussen, N., Massy, Z.A., Mihatsch, M.J., Morozumi, K., Noronha, I., Olsen, S., Papadimitriou, J., Paul, L.C.,

Picken,M., Racusen,L.C., Ramos,E.L., Randhawa,P., Dayner,D.C., Rush,D., Sanfilippo,F., Taskinen,E., Trpkov,K., Truong,L., Yamaguchi,Y., Yilmaz,S. Report of the Third Banff Conference on allograft pathology (July 20-24, 1995) on classification and lesion scoring in renal allograft pathology. Transplantation Proceedings, Vol 28, pp. 441- 444, 1996.

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81. Morel,L. Croker,B.P., Blenman,K.R., Mohan,C., Huang,G., Gilkeson,G., Wakeland,E.K., Genetic reconstitution of systemic lupus erythematosus immunopathology with poly-congenic murine strains, PNAS, Vol 97, pp. 6670-6675, 2000.

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