

## **BRIAN R. DORN, J.D., PH.D.**

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### **EDUCATION**

**University of Florida College of Law**, Gainesville, Florida

**J.D.**, *Magna Cum Laude*, 2003

Order of the Coif

Law Review, invitee

**University of Florida College of Medicine**, Gainesville, Florida

**Ph.D.** in Biomedical Sciences, 2003

Concentration in Microbiology/Immunology

Dissertation Title: Interactions of *Porphyromonas gingivalis* with Coronary Artery Cells

**M.S.** in Biomedical Sciences, August 1998

Concentration in Molecular Genetics & Microbiology

**University of Michigan**, Ann Arbor, Michigan

**B.S.** in Microbiology May 1993

### **BAR ADMISSIONS**

Minnesota State Bar, 2003

U.S. District of Minnesota, 2003

U.S. Patent and Trademark Office, 2005 (Reg. No. 57,395)

### **POSITIONS**

**Associate Attorney**

2003-

Merchant & Gould, P.C., Minneapolis, MN

**Advisory Board Member**

2007-

University of Minnesota J.D./Ph.D. Joint Degree Program Advisory Board

**Summer Associate**

2002

Merchant & Gould, P.C., Minneapolis, MN

**Law Clerk**

2001

Saliwanchik, Lloyd & Saliwanchik, P.A., Gainesville, FL

Intellectual Property Law Firm (<http://www.slspatents.com>)

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### **Legal Intern**

2000

University of Florida Office of Technology Licensing, Gainesville, FL  
(<http://www.rgp.ufl.edu/otl/>)

### **NIH Predoctoral Fellow/Graduate Research Assistant**

1996-2000

University of Florida College of Dentistry, Gainesville, Florida  
Laboratory of Ann Progulsk-Fox, Ph.D.  
Research in microbiology, human and microbial genetics, and cell biology

### **BOOK CHAPTERS**

**Brian R. Dorn.** 2008. Providing Real Value to Clients, M. Kraham (ed.), *Inside the Minds: Life Sciences Law Client Strategies*. Aspature Books. Boston, Massachusetts.

Dunn, W.A., Jr., **B.R. Dorn**, and A. Progulsk-Fox. 2003. Trafficking of bacterial pathogens to autophagosomes, p. 233-240. D.J. Klionsky (ed.), *Autophagy*. Landes Bioscience. Georgetown, Texas.

### **LEGAL PUBLICATIONS**

**Brian R. Dorn**, *Chakrabarty in the Era of Genomics*, 6 JOURNAL OF TECHNOLOGY LAW & POLICY 101 (2001) (selected as Best Case Comment of the Spring 2001 write-on competition).

Anthony R. Zeuli and **Brian R. Dorn**, *Perspectives on the Law: Intellectual Property*, BENCH & BAR, July 2002, at 33.

Anthony R. Zeuli and **Brian R. Dorn**, *Perspectives on the Law: Intellectual Property*, BENCH & BAR, April 2004, at 11.

### **SCIENTIFIC PEER-REVIEWED PUBLICATIONS**

**Dorn, B.R.**, Leung, K.-P., and Progulsk-Fox, A. 1998. Invasion of human oral epithelial cells by *Prevotella intermedia*. *Infection and Immunity*. 66: 6054-6057.

**Dorn, B.R.**, Dunn, William A., Jr., and Progulsk-Fox, A. 1999. Invasion of human coronary artery cells by periodontal pathogens. *Infection and Immunity*. 67: 5792-5798 (Cited in *ASM News Journal Highlights*, 2000, 66: 29).

Progulsk-Fox, A., Kozarov, E., **Dorn, B.**, Dunn, W., Burks, J., and Wu, Y. 1999. Virulence factors of *Porphyromonas gingivalis* and invasion of cells of the cardiovascular system. *Journal of Periodontal Research*. 34: 393-399.

**Dorn, B.R.**, Burks, J.N., Seifert, K.N., and Progulsk-Fox, A. 2000. Invasion of endothelial and epithelial cells by strains of *Porphyromonas gingivalis*. *FEMS Microbiology Letters*. 187: 139-144.

**Dorn, B.R.**, Dunn, William A., Jr., and Progulske-Fox, A. *Porphyromonas gingivalis* traffics to autophagosomes in human coronary artery endothelial cells. *Infection and Immunity*. 69: 5698-5708.

**Dorn, B.R.**, Dunn, William A., Jr., and Progulske-Fox, A. 2002. Bacterial interactions with the autophagic pathway. *Cellular Microbiology*. 4: 1-10 (Cover Article).

**Dorn, B.R.**, Harris, L.J., Wujick, C.T., Vertucci, F.J, and Progulske-Fox, A. 2002. *Porphyromonas endodontalis* *in vitro* invasion of vascular cells. *International Journal of Endodontics*. 35: 366-371.

Kozarov, E.V., **Dorn, B.R.**, Raynald, M., Shelburne, C.E., Dunn, Jr., W.A., and Progulske-Fox, A. Human Atherosclerotic Plaque Contains Viable Invasive *Actinobacillus actinomycetemcomitans* and *Porphyromonas gingivalis*. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 25: e17-e18 (published online Jan. 25, 2005, doi:10.1161/01.ATV.0000155018.67835.1a).

#### **PRESENTATIONS**

**Dorn, B.R.** and Progulske-Fox, A. (1998). Invasion of human coronary artery endothelial cells and coronary smooth muscle cells by periodontal pathogens. Abstract presented at the Conference on Microbes, Haemostasis and Vascular Biology co-sponsored by the American Society for Microbiology, Texas A&M University, and the World Health Organization. Galveston, Texas.

**Dorn, B.R.** and Progulske-Fox, A. (1998) Invasion of human coronary artery cells by *Porphyromonas gingivalis*. Oral session presented at the General Session and Exhibition of the International Association for Dental Research. Nice, France.

Whitlock, J.A., **Dorn, B.R.**, Burks, J.N., Kozarov, E.V., and Progulske-Fox, A. (1998). *Porphyromonas gingivalis* *hag B/C* hemagglutinin mutant exhibits reduced invasion of human oral epithelial cells. Abstract presented at the General Session and Exhibition of the International Association for Dental Research. Nice, France.

**Dorn, B.R.**, Kozarov, E.V., and Progulske-Fox, A. (1999) Invasion of HUVEC and KB cells by *Porphyromonas gingivalis*. Abstract presented at the General Session and Exhibition of the International Association for Dental Research. Vancouver, Canada.

**Dorn, B.R.**, Dunn, Jr., W.A., and Progulske-Fox, A. (1999) *Porphyromonas gingivalis* traffics to the autophagic pathway after invasion of HCAEC. Abstract presented at the American Society for Microbiology's Conference on A Cell Biology Approach to Microbial Pathogenesis. Portland, Oregon.

Progulske-Fox, A., Kozarov, E., **Dorn, B.**, Dunn, W., Burks, J., and Wu, Y. (1999). Virulence factors of *Porphyromonas gingivalis* and invasion of cells of the cardiovascular system.

Symposium presented at the International Conference on Periodontal Research. Göteborg, Sweden.

**Dorn, B. R.**, Dunn, Jr., W. A., and Progulske-Fox, A. (2000) Intracellular trafficking of *Porphyromonas gingivalis* in endothelial cells. Abstract presented at the General Session and Exhibition of the International Association for Dental Research. Washington, D.C. (Finalist in both the International and the American Associations for Dental Research's Warner-Lambert Hatton graduate student competitions).

**Dorn, B.R.**, Burks, J.N., and Progulske-Fox, A. (2000). *Porphyromonas gingivalis FimA* expression is not sufficient for invasion. Abstract presented at the General Session and Exhibition of the International Association for Dental Research. Washington, D.C.

**Dorn, B.R.**, Kozarov, E.V., Harris, L., Whitlock, J.A., and Progulske-Fox, A. (2000). Both *hagA* and *hagB* Hemagglutinins of *Porphyromonas gingivalis* Act as Adhesins for Invasion of HCAEC. Abstract presented at the General Meeting of the American Society for Microbiology. Los Angeles, California.

**Dorn, B. R.**, Dunn, Jr., W. A., and Progulske-Fox, A. (2000) Intracellular trafficking of *Porphyromonas gingivalis* in endothelial cells. Oral session presented at the University of Florida Medical Guild Graduate Student Research Competition. Gainesville, FL (First place in the University of Florida College of Medicine's Microbiology/Immunology Concentration; Fifth in the University of Florida College of Medicine's Interdisciplinary Program).

**Dorn, B.R.**, Dunn, Jr., W.A., and Progulske-Fox, A. (2001). *Porphyromonas gingivalis* does not Induce Cell Death in Endothelial Cells. Abstract presented at the General Session and Exhibition of the American Association for Dental Research. Chicago, Illinois.

**Dorn, B.R.**, Dunn, Jr., W.A., and Progulske-Fox, A. (2001). *Porphyromonas gingivalis* Persistence and Exiting in Endothelial Cells. Abstract presented at the General Meeting of the American Society for Microbiology. Orlando, Florida.

#### **GRANTS**

American Association of Endodontists Foundation, Invasion of Coronary Artery Cells by Microorganisms Associated with Endodontic Infections, **Co-investigator** (Frank Vertucci, P.I.) 7/1/99 – 6/30/01. \$18,000.

American Society for Microbiology, Travel Grant, 1998, 1999.

Univ. of Florida Graduate Student Council, Travel Grant, 1998, 1999, 2000.

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**PROFESSIONAL AFFILIATIONS**

American Association for the Advancement of Science  
American Bar Association--Intellectual Property Section  
American Intellectual Property Law Association  
American Society for Cell Biology  
American Society for Microbiology  
Hennepin County Bar Association