



## DORAN R. PACE

REGISTERED PATENT ATTORNEY  
OF COUNSEL

- B.S. Biology  
University of Florida
- M.B.A. College of Business Administration  
University of Florida
- J.D. University of Florida College of Law

### AREAS OF PRACTICE

- U.S. and International Patent Preparation and Prosecution
- Patentability and Validity Opinions
- Infringement and Freedom-to-Operate Opinions
- License and Option Agreements

### TECHNOLOGY AREAS

- Biotechnology
- Pharmaceuticals
- Cellular and Molecular Biology
- Immunology
- Vaccines
- Monoclonal Antibody Technology
- Plant Biology
- Chemical
- Mechanical

### PRIOR PROFESSIONAL EXPERIENCE

- *Research Scientist*; Becton Dickinson Immunocytometry Systems; Collagen Corporation; Celtrix Pharmaceuticals Corporation: Extensive industrial experience

### PROFESSIONAL MEMBERSHIPS & ACTIVITIES

- Registered to Practice before the United States Patent and Trademark Office (USPTO)
- Admitted to practice before the U.S. Court of Appeals for the Federal Circuit
- The Florida Bar
- American Intellectual Property Law Association (AIPLA)
- American Bar Association (ABA)

### SELECTED PUBLICATIONS

- Characterization of monoclonal antibodies recognizing bovine bone osteoglycin. (1993). *Connective Tissue Research*, 30(1): 11-21.

- Monoclonal antibodies recognizing transforming growth factor-beta. Bioactivity, neutralization and transforming growth factor beta 2 affinity purification. (1989). *The Journal of Immunology*, 142(5): 1536-1541.
- Induction of interleukin 2 from a murine B cell tumor by a factor found in immune serum. (1985). *The Journal of Immunology*, 134(4): 2419-2425.
- Co-inventor of U.S. Patent Nos. 5,571,714; 5,772,998; 5,783,185; 6,090,383; 6,419,928.

### SELECTED PATENTS

- 10,258,686: Materials and Methods for Respiratory Disease Control in Canines
- 9,913,892: Materials and Methods for Respiratory Disease Control in Canines
- 9,862,939: Plant Lectins as Carriers of Associated Drug Substances into Animal and Human Cells
- 9,345,758: Materials and Methods for Respiratory Disease Control in Canines
- 8,367,059: Materials and Methods for Cryopreserved Bone Constructs
- 8,362,321: Materials and Methods for Increasing Starch Biosynthesis in Plants
- 8,361,504: Materials and Methods for Wound Treatment
- 8,182,820: Method for Inducing Cross-Reactive Immune Responses to the Human Immunodeficiency Virus (HIV) in a Host by Administering Feline Immunodeficiency Virus (FIV) Capsid (CA) or Reverse Transcriptase (RT) Immunogens
- 8,030,069: Materials and Procedures for the Purification of Cells
- 7,959,929: Materials and Methods for Respiratory Disease Control in Canines
- 7,338,588: Intermetallic Compounds
- 7,312,378: Nucleic Acids Encoding Heat Stable Mutants of Plant ADP-glucose Pyrophosphorylase
- 6,544,528: Multi-subtype FIV vaccines
- 6,403,863: Heat Stable Mutants of Starch Biosynthesis Enzymes

