

Gary R. Richo, M.D., Ph.D.

Orthopedic Surgery & Sports Medicine

PROFESSIONAL EXPERIENCE

Valley Orthopaedic Specialists
2 Trap Falls Rd, Suite 404
Shelton, CT 06484

September 2004 - Present

HOSPITAL AFFILIATIONS

Griffin Hospital

Section Chief
Orthopaedic Surgery
180 Division St
Derby, CT 06418

Full Privileges

Surgical Center of CT

4920 Main St
Bridgeport, CT 06606

Full Privileges

HIGHER EDUCATION

Graduate

Ph.D. in Cell Biology and Anatomy
University of Miami
Miami, FL

1987 - 1993

M.D.
University of Miami
Miami, FL

1994 - 1998

Undergraduate

B.S. in Biology
Yale University
New Haven, CT

1981 - 1985

Fellowship

Foot and Ankle Surgery
University of Pennsylvania
Pennsylvania Hospital

2003 - 2004

Selected Admin. Chief Resident	Orthopaedic Surgery Program UMDNJ – New Jersey Medical Center Newark, NJ	2002 - 2003
Residency	Orthopaedic Surgery UMDNJ – New Jersey Medical Center Newark, NJ	1999 - 2003
Internship	General Surgery UMDNJ – New Jersey Medical Center Newark, NJ	1998 - 1999

PROFESSIONAL EXPERIENCE

- University of Miami School of Medicine; *Worked as a post-doctoral fellow in the laboratory of Gregory E. Conner, Ph.D. on the production of antibodies to human recombinant beta-glucoocerebrosidase* 1993 - 1994
- University of Miami School of Medicine; *Conducted research as a doctoral student in the laboratory of Gregory E. Conner, Ph.D. on the thesis project entitled "Requirements and Necessity of Propeptide Processing of Procathepsin D".* 1987 - 1993
- The Rockefeller University; *Employed as a laboratory research assistant in the Biochemical Cytology Laboratory of Nobel Laureate Dr. Christian DeDuve.* 1985 - 1987

CERTIFICATION, MEMBERSHIPS & LICENSURES

- American Board of Orthopedic Surgery 2007

PROFESSIONAL SOCIETY MEMBERSHIPS

- American Academy of Orthopaedic Surgeons 1999 - Present

HONORS AND AWARDS

- Florida State Scholar Award for Academic Achievement for Graduate Education Who's Who among Students in American Universities and Colleges
- Alpha Omega Alpha Medical Honor Society

PUBLICATIONS

- **Scientific Articles in Refereed Journals**

1. **Richo GR** and Conner GE. *Structural Requirements of Procathepsin D Activation and Maturation*. **Journal of Biological Chemistry** 269 (20): 14806-14812, 1994.
2. Scarborough PE, Guruprasad K, Topham C, **Richo GR**, Conner GE, Blundell TL, and Dunn BM. *Exploration of Subsite Binding Specificity of Human Cathepsin D through Kinetics and Rule-based Molecular Modeling*. **Protein Science**. 2 (2): 264-276, 1993.
3. Conner GE and **Richo G**. *Isolation and Characterization of a Stable Activation Intermediate of the Lysosomal Aspartyl Protease Cathepsin D*. **Biochemistry** 31(4): 1142-1147, 1992.
4. Scarborough PE, **Richo GR**, Kay J, Conner GE, and Dunn BM. *Comparison of Kinetic Properties of Native and Recombinant Human Cathepsin D*. **Adv Exp Med Biol** 306: 343-347, 1991.

Book Chapters

- **Richo GR** and Conner GE. *Proteolytic Activation of Human Procathepsin D*. **Structure and Function of the Aspartic Proteinases**, B. M. Dunn, editor, pp 289-296, Plenum Press, New York, 1991.