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

Orthopedic Surgery & Sports Medicine

**PROFESSIONAL EXPERIENCE**

**Valley Orthopaedic Specialists** September 2004 - Present

2 Trap Falls Rd, Suite 404

Shelton, CT 06484

**HOSPITAL AFFILIATIONS**

**Griffin Hospital** Section Chief Full Privileges

Orthopaedic Surgery

180 Division St

Derby, CT 06418

**Surgical Center of CT** 4920 Main St Full Privileges

Bridgeport, CT 06606

**HIGHER EDUCATION**

|  |  |  |
| --- | --- | --- |
| **Graduate** | Ph.D. in Cell Biology and Anatomy  University of Miami  Miami, FL  M.D.  University of Miami  Miami, FL | 1987 – 1993  1994 - 1998 |
|  |  |  |
| **Undergraduate** | B.S. in Biology | 1981 - 1985 |
|  | Yale University  New Haven, CT |  |
| **Fellowship** | Foot and Ankle Surgery | 2003 - 2004 |
|  | University of Pennsylvania  Pennsylvania Hospital |  |
| **Selected Admin. Chief Resident**  **Residency**  **Internship** | Orthopaedic Surgery Program  UMDNJ – New Jersey Medical Center  Newark, NJ  Orthopaedic Surgery  UMDNJ – New Jersey Medical Center  Newark, NJ  General Surgery  UMDNJ – New Jersey Medical Center  Newark, NJ | 2002 - 2003  1999 - 2003  1998 - 1999 |

**PROFESSIONAL EXPERIENCE**

* University of Miami School of Medicine; *Worked as a post-doctoral fellow in* 1993 - 1994

*the laboratory of Gregory E. Conner, Ph.D. on the production of antibodies to*

*human recombinant beta-glucocerebrosidase*

* University of Miami School of Medicine; *Conducted research as a doctoral* 1987 - 1993

*student in the laboratory of Gregory E. Conner, Ph.D. on the thesis project*

*entitled “Requirements and Necessity of Propeptide Processing of Procathepsin D”.*

* The Rockefeller University; *Employed as a laboratory research assistant in the* 1985 - 1987

*Biochemical Cytology Laboratory of Nobel Laureate Dr. Christian DeDuve.*

**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.