

## Surgical Anatomy Expert Witness #2001

Publications, presentations, and references available upon request.

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**University Affiliation:** Professor Emeritus  
Department of Cell, Developmental and Cancer Biology (L215)  
School of Medicine  
Oregon Health & Sciences University

### Education:

Institution	Degree	Major	Date
University of California Los Angeles, California Dr. Sidney Rittenberg (Research Advisor)	B.A. ( <i>cum laude</i> )	Bacteriology	March, 1973
University of California Brain Research Institute Los Angeles, California Dr. Jean S. de Vellis (Research Advisor)	Ph.D.	Neuroscience	March, 1979

### Medical Expert Witness Experience (2011 - present):

- 18 Cases in Oregon, California, Washington, Idaho, Alaska, Puerto Rico
- 87% of the cases were for the plaintiffs; 13% of the cases were for defendants

### Academic Experience:

Research Associate with Dr. James A. Weston Department of Biology, University of Oregon, Eugene, Oregon	1979-1985
Assistant Professor, Department of Cell Biology and Anatomy School of Medicine, Oregon Health Sciences University Portland, Oregon	1985-1991

### Academic Experience (continued):

Associate Professor, Department of Cell, Developmental and Cancer Biology School of Medicine, Oregon Health Sciences University Portland, Oregon	1991-2010
Professor, Department of Cell, Developmental and Cancer Biology School of Medicine, Oregon Health & Sciences University Portland, Oregon	2010-2014

Professor Emeritus, Department of Cell, Developmental and Cancer Biology

School of Medicine, Oregon Health & Sciences University Portland, Oregon	2015-present
Editorial Board Member, <b>Journal of Neuroscience Research</b> (Alan R. Liss, New York)	1988-1998
Editorial Board Member, <b>Perspectives in Developmental Neurobiology</b> (Gordon & Breach, London)	1992-1998
Chief Scientific Officer, Aves Labs (Tigard, OR)	1996-present

### National and International Scientific Review Committees:

NIH -- Human Embryology Study Section ( <i>ad hoc</i> )	(1989, 1993)
-- Biological Sciences 2 Study Section ( <i>ad hoc</i> )	(1993)
-- Neurological Sciences BI Study Section ( <i>ad hoc</i> )	(1994)
-- NIMH pre-doctoral fellowship study section ( <i>ad hoc</i> )	(1994)
-- Program Project Review Committee ( <i>ad hoc</i> )	(1995)
(Human Genetics of Neurofibromatosis)	
NSF -- <i>Ad hoc</i> reviewer for Developmental Neurosciences, Molecular & Cellular Neurobiology, and Developmental Biology Programs	(1984 -- 2014)
American Heart Association (Oregon Affiliate)	
-- Member, Grants Review Committee	(1993 -- 2014))
-- Chair, Grants Review Committee	(1994 -- 1995)
Medical Research Foundation of Canada ( <i>ad hoc</i> )	(1992 -- 2014)

### Teaching Experience:

1986 -- 1993 (Oregon Health Sciences University)	Course director, <b>Neuroanatomy</b> for 1st year medical students and graduate students.
1990 -- 1993 (Oregon Health Sciences University)	Contributing lecturer, <b>Histology</b> for medical and graduate students.
1991 -- 1998 (Oregon Health Sciences University)	Organizer and Course director, <b>Developmental Biology Journal Club</b>
1993 -- 1998 (Oregon Health Sciences University)	Organizer and Course director, <b>Developmental Neurobiology</b> for graduate students.
1993 -- 1997 (Oregon Health Sciences University)	Contributing lecturer in <b>Signal Transduction</b> and <b>Techniques in Cell &amp; Developmental Biology</b> courses

### Teaching Experience (continued):

1994 -- 1996 (Oregon Health Sciences University)	Course vice-direct, lecturer, laboratory organizer, <b>Neuroscience &amp; Behavior</b> course for 2nd year medical students.
1996 -- 2013 (Oregon Health Sciences University)	Course Director, laboratory organizer, <b>Neuroscience &amp; Behavior (NSB)</b> course for 2nd year medical students.

1997 -- 2013 (Oregon Health Sciences University) Course director, **Gross Anatomy, Imaging, Embryology (GIE)** course for 1st year medical students.

2015 -- present (Oregon Health Sciences University) Lecturer, **Fundamentals of Clinical Anatomy** (1st and 2nd year medical students)

## Teaching Awards:

### **Recipient of Excellence in Teaching awards (nominated by students):**

1986-87, 1989-90, 1992-93, 1993-94, 1994-95, 1995-96, 1996-97, 1998-99, 1999-2000, 2000-01, 2002-03, 2004-05, 2005-06, 2006-07, 2007-2008, 2009-2010; 2018-1019.

### **Recipient of Faculty Excellence in Education (nominated by faculty): 2007-2008**

### **Recipient of Best Course, Course Director award (nominated by students):**

2000-01, 2002-03, 2003-04, 2005-06 (for both GIE and NSB), 2008-2009

### **Recipient of Excellence in Teaching award from the Allied Health students:**

1999, 2000

### **Recipient of Allan J. Hill, Jr. Award for Excellence in Teaching -- 2009**

## Editorial Work:

Co-editor of **Neuroembryology: Cellular and Molecular Approaches**, Alan R. Liss, New York, 1988.

Editor of a special issue of **Perspectives in Developmental Neurobiology** entitled: "GAP-43 -- *Perspectives on its Biological Functions and its Expression in Non-Neuronal Cells* " (1992)

## Past Research Grant Support

### National Institutes of Health

**"Neurofibromatosis: A model system using phorbol esters"** R01 NS23883

\$ 63,686 annual direct costs (1 July 1986 through 30 June 1989), principal investigator

\$ 88,854 annual direct costs (1 July 1989 through 30 June 1992), principal investigator

\$140,978 annual direct costs (1 July 1992 through 30 June 1996), principal investigator

**"Characterization of Neural Crest-Derived cDNA library"** RO1 DE07625

\$87,296 annual direct costs (1 Sept 1986 through 31 August 1989), principal investigator

**"Role of the protease stromelysin in axon invasiveness"** R01 NS 27886

\$50,000 annual direct costs (1 July 1992 through 30 June 1995), principal investigator

### **Past Research Grant Support (continued)**

### National Science Foundation

**"Role of the protease stromelysin in axon invasiveness"** BNS 91-19397

\$43,332 annual direct costs (1 March 1992 through 31 August 1995), principal investigator  
**"Use of three-dimensional time-lapse microscopy to probe the role of proteases in neurite invasiveness"**

\$76,500 annual direct costs (15 April 1995 through 14 April 1998), co-investigator  
(J. Lochner, principal investigator)

**"1988 Northwest Regional Developmental Biology Conference"** DCB-8801146

\$ 2,000 direct costs (April, 1988), principal investigator

#### **Alzheimer's Disease Center of Oregon**

**"Characterization of the NGF responsive elements in the 5' flanking DNA of the transin gene"**

\$12,000 direct costs (1 January 1989 through 31 December 1989), principal investigator

#### **Medical Research Foundation of Oregon**

**"Characterization of a Neural Crest-Derived cDNA library"**

\$12,000 direct costs (1 September 1985 through 31 August 1986), principal investigator

**"Synthesis and Release of transin in PC12 cells"**

\$17,000 direct costs (1 March 1990 through 28 February 1991), principal investigator

**"Role of Steel Growth Factor Isoforms in Neural Crest Cell Development"**

\$ 25,000 annual direct costs (1 September 1996 through 31 August 1997)

#### **American Heart Association -- Oregon Affiliate**

**"Migration of neural crest Cells into the outflow tract of the embryonic avian heart"**

\$29,211 direct costs (1 April 1990 through 30 March 1991), principal investigator