# **CURRICULUM VITAE**

### **John Wysolmerski, MD**

**Version Date:** 2/22/2024

## **Contact Information:**

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 Section of Endocrinology and Metabolism

 Department of Internal Medicine

 Yale School of Medicine

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## **Education:**

09/1978 - 05/1982 BS, Yale University, Biology, New Haven, CT

09/1982- 05/1986 MD, Yale University, New Haven, CT

## **Career/Academic Appointments:**

07/1986 - 06/1989 Intern & Resident, Internal Medicine, Tufts New England Medical School, Boston, MA

08/1989 - 08/1990 Assistant Director, Ambulatory Clinic, Faulkner Hospital, Boston, MA

08/1989 - 08/1990 Clinical Instructor in Medicine, Internal Medicine, Tufts University Medical School, Boston, MA

07/1990 - 06/1993 Postdoctoral Fellow, Endocrinology (Medicine), Yale School of Medicine, New Haven, CT

07/1990 - 06/1993 Fellow, Endocrinology, Yale University School of Medicine, New Haven, CT

07/1993 - 06/1994 Instructor, Endocrinology (Medicine), Yale School of Medicine, New Haven, CT

07/1994 - 06/1995 Associate Research Scientist, Endocrinology (Medicine), Yale School of Medicine, New Haven, CT

07/1995 - 06/2000 Assistant Professor, Endocrinology (Medicine), Yale School of Medicine, New Haven, CT

07/2000 - 06/2005 Associate Professor on Term, Endocrinology (Medicine), Yale School of Medicine, New Haven, CT

07/2004 - 06/2008 Associate Professor Tenure, Endocrinology (Medicine), Yale School of Medicine, New Haven, CT

07/2008 - Present Professor, Endocrinology (Medicine), Yale School of Medicine, New Haven, CT

08/2018 - 06/2021 Interim Section Chief, Endocrinology (Medicine), Yale School of Medicine, New Haven, CT

06/2021 - Present Section Chief, Endocrinology (Medicine), Yale School of Medicine, New Haven, CT

## **Administrative Positions:**

2011 - 2021 Associate Chief for Research, Endocrinology, Yale School of Medicine, New Haven, CT

2011 - 2022 Associate Program Director for Physician-Scientist Programs, Yale Internal Medicine Residency, Yale School of Medicine, New Haven, CT

## **Board Certification:**

1989 AB of Internal Medicine, Internal Medicine

1993 AB of Internal Medicine, Endocrinology and Metabolism

## **Professional Honors & Recognition:**

### **International/National/Regional**

1983 NIH Medical Student Research Fellowship, NIH

1993 Young Investigator Award, American Society for Bone and Mineral Research

1993 Merck Senior Fellow Award, The Endocrine Society

2000 2000 Young Investigator Award, Advances in Mineral Metabolism

2001 Most Outstanding Abstract of Yearly Meeting, American Society for Bone and Mineral Metabolism

2001 Cissy Hornung Research Award, CT Chapter of the American Cancer Society

2002 ASCI Membership, ASCI

2002 Sir William Osler Young Investigator Award, Interurban Clinical Club

2006 The Anast Lectureship, Boston Children's Hospital and Brigham and Woman's Hospital

2007 Interurban Clinical Club Councilor, Interurban Clinical Club

2010 President of Interurban Clinical Club, Interurban Clinical Club

2012 Appointed as Standing Member, ICER Study Section, NIH

2013 Co-Chair, Mammary Gland Biology Gordon Research Conference

2016 Tyler Memorial Lectureship, University of Utah Department of Internal Medicine

2023 Co-Chair, 4th International Symposium on the Calcium Sensing Receptor

2023 Jack A. Elias Advances in Biomedical Sciences Lectureship

### **Yale University/Yale School of Medicine/Hospital System**

1986 Alpha Omega Alpha Honor Society, Yale Medical School

## **Grants/Clinical Trials History:**

### **Current Grants**

Agency: NIH/NICHD

I.D.#: 2 R01 HD076248-06

Title: PMCA2 regulates mammary gland involution and breast cancer

Role: Principal Investigator

Project period: 9/18/2020 - 6/30/2025

Agency: NIH/NICHD

I.D.#: 1 R01 HD100468-01

Title: Heterodimerization of the Calcium-Sensing Receptor with the GabaB Receptors in the Breast

Role: Principal Investigator

Project period: 9/1/2020 - 7/31/2025

Agency: NIH/NICHD

I.D.#: 1R21HD111764-01A1

Title: Milk Butyrophilin and Immune Tolerence

M.P.I.: Wysolmerski JJ and Kang I

Role: Co-Principal Investigator

Agency: NIH/NIDDK

I.D.#: 2 T32 DK007058-50

Title: Diabetes Mellitus and Disorders of Metabolism

Role: Principal Investigator

Project period: 7/1/2024 - 6/30/2029

## **Invited Speaking Engagements, Presentations, Symposia & Workshops**

## **Not Affiliated With Yale:**

### **International/National**

1. "Invited Research Presentation", Conference on Breast Development, Physiology and Cancer, National Institutes of Health, Bethesda, March 1997 (Lecture)
2. "Invited Research Presentation", Mammary Gland Biology Gordon Conference, Gordon Research Conferences, Plymouth, April 1997 (Lecture)
3. "Oral Research Presentation", Department of Defense Breast Cancer Research Program Meeting, Department of Defense, Washington, D.C., November 1997 (Oral Presentation)
4. "Invited Symposium Presentation", Symposium on Signaling Molecules in Breast Cancer, 1999 Meeting of the Endocrine Society, San Diego, June 1999 (Lecture)
5. "Invited Research Presentation", Mammary Gland Biology Gordon Conference, Gordon Research Conferences, Henniker, August 1999 (Lecture)
6. "Invited Research Presentation", Program in Cell, Molecular and Developmental Biology Research Seminar Series, Sackler School of Graduate Biomedical Sciences, Tufts University, Boston, October 1999 (Lecture)
7. "Research Presentation", Advances in Mineral Metabolism, AIMM-ASBMR John Haddad Young Investigator Meeting, Snowmass, September 2000 (Lecture)
8. "Invited Research Presentation", Department of Cell Biology Research Seminar, University of Cincinatti, Cincinnati, October 2000 (Lecture)
9. "Invited Research Presentation", Department of Cell Biology Research Seminar, Baylor College of Medicine, Houston, November 2000 (Lecture)
10. "Invited Research Presentation", PPP 4: International Symposium on the Basic and Clinical Aspects of PTH and PTHrP, University of Cincinatti, Cincinnati, March 2001 (Lecture)
11. "Invited Research Presentation", Department of Cell Biology Research Seminar, NYU School of Medicine, New York, October 2001 (Lecture)
12. "Invited Research Presentation", Endocrinology Grand Rounds, University of Texas, San Antonio, March 2001 (Lecture)
13. "Invited Case Presentation", New England Bone Club Annual Meeting, New England Bone Club, Scarborough, April 2001 (Other)
14. "Invited Research Presentation", The Skin and its Cells, Cutaneous Biology Research Center, Massachusetts General Hospital/Harvard Medical School, Boston, September 2001 (Lecture)
15. "Invited Research Presentation", Cell Biology, Development and Cancer Seminar Series, University of Colorado Health Sciences Center, Denver, February 2002 (Lecture)
16. "Invited Research Presentation", Research Seminar, Environmental Protection Agency, Durham, March 2002 (Lecture)
17. "Invited Research Presentation", PPP 5: International Symposium on the Basic and Clinical Aspects of PTH and PTHrP, University of Pittsburgh, Pittsburgh, July 2002 (Lecture)
18. "Invited Research Presentation", Mammary Gland Biology Gordon Conference, Gordon Research Conferences, Barga, August 2002 (Lecture)
19. "Research and Clinical Presentation", Endocrinology Grand Rounds, Massachusetts General Hospital and Harvard Medical School, Boston, October 2002 (Lecture)
20. "Research and Clinical Presentation", Endocrinology Grand Rounds, Dartmouth-Hitchcock Medical Center, Lebanon, March 2003 (Lecture)
21. "Research presentation", PPP 6: International Symposium on the Basic and Clinical Aspects of PTH and PTHrP, McGill University, Montreal, April 2003 (Lecture)
22. "Invited Research Presentation", Epithelial and Keratinization Gordon Research Conference, Gordon Research Conferences, Tilton, April 2003 (Lecture)
23. "Invited Research Presentation", Special Conference on Advances in Breast Cancer Research; Genetics, Biology, and Clinical Implications, American Association for Cancer Research, Huntington Beach, June 2003 (Lecture)
24. "Invited Research Seminar", Lactation and Mammary Gland Biology Seminar Series, Department of Animal Sciences, University of Vermont, Burlington, November 2003 (Lecture)
25. "Research Presentation", PPP 7: International Symposium on the Basic and Clinical Aspects of PTH and PTHrP, INSERM, Paris, April 2004 (Lecture)
26. "Overview of Embryonic Mammary Development", Mammary Gland Biology Gordon Conference, Gordon Research Conferences, Barga, June 2004 (Lecture)
27. "Speaker", Workshop for Career Options for Scientists, Annual Meeting of the American Society for Bone and Mineral Research, Seattle, September 2004 (Oral Presentation)
28. "Research Seminar", Endocrinology Research conference, University of Pittsburgh School of Medicine, Pittsburgh, October 2004 (Lecture)
29. "Research Presentation", Bone Research Conference, Washington University St. Louis School of Medicine, St. Louis, March 2005 (Lecture)
30. "Clinical and Research Presentation", Medical Grand Rounds, New England Medical Center and Tufts University School of Medicine, Boston, April 2005 (Lecture)
31. "Research presentation", Mammary Gland Biology Gordon Conference, Gordon Research Conferences, at Salve Regina University, Newport, April 2005 (Lecture)
32. "Research presentation", Advances in Mineral Metabolism, AIMM-ASBMR John Haddad Young Investigator Meeting, Snowmass, September 2005 (Lecture)
33. "Research presentation", Endocrine Research Seminar, UCSF School of Medicine, San Francisco, October 2005 (Lecture)
34. "Research Presentation", Newfoundland Bone Conference, Memorial University School of Medicine, St. John's, January 2006 (Lecture)
35. "PTHrP and Mammary Development", Duhring Lecture, Department of Dermatology, University of Pennsylvania School of Medicine, Philadelphia, February 2006 (Lecture)
36. "Research Presentation", The Anast Lecture, Endocrine Grand Rounds, Boston Children’s Hospital and Brigham and Women’s Hospital, Boston, April 2006 (Lecture)
37. "Research Presentation on PTHrP and Embryonic Mammary Development", Signaling to Structures: Skin Appendages, Development and Diseases, 2006 Montagna Symposium on the Biology of the Skin, Lincoln City, October 2006 (Lecture)
38. "Research Presentation", Endocrine Grand Rounds, University of Arkansas for Medical Sciences, Little Rock, November 2006 (Lecture)
39. "Research Presentation", Endocrine Grand Rounds, University of Arkansas for Medical Sciences, Little Rock, November 2006 (Lecture)
40. "PTHrP and Bone Loss During Lactation", Meet the Professor Session, American Society for Bone and Mineral Research, Honolulu, September 2007 (Lecture)
41. "Research Presentation", PPP 10: International Symposium on PTH and PTHrP, University of Pittsburgh School of Medicine, Pittsburgh, October 2007 (Lecture)
42. "PTHrP and Bone Loss During Lactation", Endocrine Grand Rounds, Columbia Medical School, New York, September 2007 (Lecture)
43. "PTHrP induces bone loss during Lactation", Advances in Mineral Metabolism, AIMM-ASBMR John Haddad Young Investigator Meeting, Snowmass, October 2008 (Lecture)
44. "Bone Loss and Recovery during and after Lactation", PPP 11: International Symposium on PTH and PTHrP, University of Strasbourg, Faculty of Medicine, Strasbourg, February 2009 (Lecture)
45. "research presentation", Breast Cancer Research Seminar, Baylor College of Medicine, Houston, March 2009 (Lecture)
46. "Interactions between breast, bone, and brain regulate mineral and skeletal metabolism during lactation", Third New York Skeletal Biology and Medicine Meeting, New York Academy of Medicine, New York, April 2009 (Lecture)
47. "clinical and research presentation", Medical Grand Rounds, Methodist Hospital, Baylor College of Medicine, Houston, March 2009 (Lecture)
48. "Research presentation", Bone Biology Program Seminar, Vanderbilt Medical School, Nashville, June 2010 (Lecture)
49. "research presentation", Advances in Mineral Metabolism, AIMM-ASBMR John Haddad Young Investigator Meeting, Snowmass, September 2010 (Lecture)
50. "Calcium Signaling in Breast Cancer", Fourth New York Skeletal Biology and Medicine Meeting, Mt. Sinai School of Medicine, New York, April 2011 (Lecture)
51. "Got Milk? Got Breast Cancer? The Role of Calcium Pumps during Milk Production and in Breast Cancer", Mammary Gland Biology Gordon conference, Gordon Research Conferences, at Salve Regina University, Newport, June 2011 (Lecture)
52. "The CaSR and PTHrP in normal mammary gland biology and in breast cancer", VA Bone Biology Conference, San Francisco VA Hospital/University of California, San Francisco, August 2011 (Lecture)
53. "Research Seminar", Baylor Bone Program Research Seminar, MD Anderson Cancer Hospital and Baylor College of Medicine, Houston, August 2011 (Lecture)
54. "research and clinical presentation", Medical Grand Rounds, Dartmouth Medical School, Hanover, September 2011 (Lecture)
55. "research presentation", Endocrine Grand Rounds, Dartmouth Medical School, Hanover, September 2011 (Lecture)
56. "Lactation and Involution Overview", Mammary Gland Biology Gordon conference, Gordon Research Conferences, Barga, June 2012 (Other)
57. "Bone and Mineral Metabolism during Lactation: Lessons for Breast Cancer", Massachusetts General Hospital, Harvard Medical School, Harvard Dental School Bone Research Workshop Series, Harvard Dental School, Boston, September 2012 (Lecture)
58. "Calcium Metabolism During Lactation and its Emerging Links to Breast Cancer", UAMS Physiology and Biophysics Seminar, University of Arkansas Health Sciences Center, Little Rock, April 2013 (Lecture)
59. "Calcium Metabolism During Lactation: Emerging Lessons for Breast Cancer", Breakthrough Breast Cancer External Seminar Series, Patterson Institute for Cancer Research, University of Manchester, Manchester, July 2013 (Lecture)
60. "Got Milk, Got Breast Cancer? – How Understanding Milk Calcium Secretion Provides Insight into the Pathogenesis of Breast Cancer", Department of Biology Research Seminar, Pomona College, Pomona, October 2013 (Lecture)
61. "Calcium Metabolism during Lactation: Emerging Connections to Breast Cancer", Research Seminar, Diabetes, Obesity and Metabolism Institute, Icahn School of Medicine at Mt Sinai, New York, May 2013 (Lecture)
62. "Calcium and Bone Metabolism during Lactation: Connections to Osteoporosis and Breast Cancer", Reproductive Biology Seminar Series, University of Texas Southwestern, Dallas, December 2013 (Lecture)
63. "Calcium and Bone Metabolism during Lactation: Lessons for Breast Cancer", Endocrine Grand Rounds, New York University School of Medicine, New York, January 2014 (Lecture)
64. "The CaSR in the Normal Breast and in Breast Cancer", 2nd International Symposium on the Calcium-Sensing Receptor (CaSR), The Endocrine Society and the University of California San Francisco, San Diego, March 2015 (Lecture)
65. "Osteocytes Remove and Replace Perilacunar Mineral During Reproductive Cycles", 45th International Sun Valley Workshop on Musculoskeletal Biology, Orthopedic Research Society, Sun Valley, August 2015 (Lecture)
66. "Calcium and Bone Metabolism During Lactation; Connections to Breast Cancer", Endocrine Grand Rounds, Massachusetts General Hospital, Harvard Medical School, Boston, February 2016 (Lecture)
67. "Hypercalcemia and Malignancy: What’s Old and What’s New", Tyler Memorial Lectureship – Medical Grand Rounds, University of Utah School of Medicine, Salt Lake City, April 2016 (Lecture)
68. "Calcium Handling During Lactation: Lessons for Breast Cancer?", Tyler Memorial Lectureship – Research Seminar, University of Utah School of Medicine, Salt Lake City, April 2016 (Lecture)
69. "Post-Menopausal Osteoporosis: A Disease of Lactation?", Tyler Memorial Lectureship – Endocrine Grand Rounds, University of Utah School of Medicine, Salt Lake City, April 2016 (Lecture)
70. "HHM: PTHrP and beyond", Research Seminar, XOMA Corporation, Berkeley, June 2016 (Lecture)
71. "Calcium and Bone Metabolism During Lactation: Connections to Breast Cancer", Research Seminar, Regeneron Pharmaceuticals, Tarrytown, January 2017 (Lecture)
72. "PTHrP and the Breast", Symposium on Thirty Years of PTHrP: Villain to Hero, The Endocrine Society 99th Annual Meeting, Orlando, April 2017 (Lecture)
73. "CaSR actions on PTHrP in breast cancer", 3rd International Symposium on the Calcium-Sensing Receptor (CaSR), University of Florence, Medical University of Vienna, University of Oxford, University of California San Francisco, Florence, May 2017 (Lecture)
74. "PTHrP and HHM: Anything New to Learn from an Old Story", Advances in Mineral Metabolism, AIMM-ASBMR John Haddad Young Investigator Meeting, Snowmass, April 2018 (Lecture)
75. "Regulation of FGF23 in a Mouse Model of HHM", Advances in Mineral Metabolism, AIMM-ASBMR John Haddad Young Investigator Meeting, Snowmass, April 2019 (Lecture)
76. "Calcium Handling by the Mammary Gland in Lactation and Breast Cancer", Reproductive Sciences Research Seminar, University of Colorado Anschutz Medical Campus, Denver, October 2022 (Lecture)
77. "Post-Menopausal Osteoporosis – A Disease of Lactation?", OB/GYN Grand Rounds, University of Colorado Anschutz Medical Campus, Denver, October 2022 (Lecture)
78. “Intracellular Calcium Links Milk Stasis to Early Mammary Involution” 2023 Mammary Gland Biology Gordon Conference, May 28, 2023, West Dover, VT
79. “Cancer-Associated Hypercalcemia Signals Through the Hindbrain to cause Anorexia”, 4th International Symposium on the Extracellular Calcium-Sensing Receptor, June 14, 2023, Chicago,
80. “New twists in an old story: PTHrP, Hypercalcemia and Breast Cancer”, The Lawrence Family Bone Disease Program of Texas, UT Health Houston, Baylor College of Medicine and MD Anderson Cancer Center, Houston, Texas. April 5, 2024
81. “New twists in an old story: PTHrP, Hypercalcemia and Breast Cancer”, Endocrine Grand Rounds, Stanford Medical School, Palo Alto, California. October 16, 2024

### **Regional**

1. "Invited Clinical Case Discussion", New England Bone Club Annual Meeting, New England Bone Club, Sturbridge, May 1996 (Other)
2. "Invited Research Presentation", Interurban Clinical Club Fall Meeting, Interurban Clinical Club Meeting held at Yale Medical School, New Haven, October 1997 (Lecture)
3. "Invited Case Presentation", Connecticut Endocrine Society Annual Meeting, Connecticut Endocrine Society, New Haven, October 2001 (Other)
4. "Invited Research Presentation", Sir William Osler Young Investigator Award Lecture, Interurban Clinical Club Meeting held at Yale Medical School, New Haven, October 2002 (Lecture)
5. "Invited Research Seminar", Molecular Medicine Program Seminar Series, University of Connecticut School of Medicine, Farmington, October 2003 (Lecture)
6. "Clinical presentation", Rheumatology Grand Rounds, Yale School of Medicine, New Haven, April 2004 (Lecture)
7. "Research presentation", PPP 8: International Symposium on the Basic and Clinical Aspects of PTH and PTHrP, Yale School of Medicine, New Haven, November 2005 (Lecture)
8. "Hyperparathyroidism", Medical Grand Rounds, Yale School of Medicine, New Haven, March 2006 (Lecture)
9. "Research Presentation", Endocrine Grand Rounds, Yale School of Medicine, New Haven, October 2006 (Lecture)
10. "research update", Breast Cancer Research Program Seminar, Yale Cancer Center, Yale Medical School, New Haven, March 2007 (Lecture)
11. "PTHrP and Bone Loss During Lactation", Endocrine Grand Rounds, Yale Medical School, New Haven, April 2008 (Lecture)
12. "PTHrP and Embryonic Mammary Development", Molecular, Cellular and Developmental Biology Department Seminar, Yale University, New Haven, April 2009 (Lecture)
13. "PTHrP and Embryonic Mammary Development", Yale Stem Cell Center Retreat, Yale Medical School, New Haven, April 2010 (Lecture)
14. "Osteoporosis", Medical Grand Rounds, St. Raphael’s Hospital, New Haven, August 2010 (Lecture)
15. "Osteoporosis in Cancer Patients: The Smilow Bone Health Program", Yale Cancer Center Grand Rounds, Yale Cancer Center, Yale Medical School, New Haven, December 2011 (Lecture)
16. "What Does Milk Calcium Transport Have to do with Breast Cancer", Yale Cancer Center Retreat, Yale Medical School, New Haven, August 2012 (Lecture)
17. "Calcium Metabolism during Lactation: Some Connections to Breast Cancer", Smilow Breast Cancer Research Conference, Yale Cancer Center, Yale Medical School, New Haven, May 2013 (Lecture)
18. "Getting Calcium into Milk: Unexpected Lessons for Breast Cancer", 211th Interurban Clinical Club Meeting, Interurban Clinical Club, New Haven, April 2015 (Lecture)
19. "Calcium Handling by the Lactating Breast: Surprising Connections to Breast Cancer", Biomedical Research Seminar, Department of Internal Medicine, Yale School of Medicine, New Haven, June 2015 (Lecture)
20. "Humoral Hypercalcemia of Malignancy: Clinical and Research Updates", Amatruda Lecture – Medical Grand Rounds, Waterbury Hospital, Waterbury, December 2015 (Lecture)
21. "It Could Have Been Called Mammogenin: Fun Facts About PTHrP and Other Calcium- Related Molecules in Breast Cancer", Research Seminar, Breast Cancer Research Group, Yale Cancer Center, Yale Medical School, New Haven, January 2017 (Lecture)
22. "Paget’s Disease of the Bone", Rheumatology Grand Rounds, Yale Medical School, New Haven, November 2017 (Lecture)
23. "Hypercalcemia in Malignancy: An Update", Endocrine Grand Rounds, Yale Medical School, New Haven, October 2022 (Lecture)
24. “Are Osteoporosis and Hypercalcemia of Malignancy Diseases of Lactation”, Jack A Elias Advances in Biomedical Sciences Lectureship, Medical Grand Rounds, September 28, 2023, Yale Medical School, New Haven, CT
25. “Hypercalcemia and Malignancy: Anything New for an Old Story”, Medical Grand Rounds, Oct. 5, 2023, Department of Internal Medicine, Bridgeport Hospital, Bridgeport, CT
26. “Dietary Fatty Acids and Breast Cancer Progression”, Metabolism and Cancer Symposium, Yale Comprehensive Cancer Center, Nov. 1, 2023, Yale Medical School, New Haven, CT.

### **Virtual Location**

1. "Calcium and Bone Metabolism in Osteoporosis and Breast Cancer: Echoes of Lactation?", Endocrine Grand Rounds, Yale Medical School, July 2020 (Lecture)
2. "Defining the effects of dietary fatty acids in breast and pancreatic cancer", Cancer Signaling Networks Research Program Workshop, Yale Comprehensive Cancer Center, Yale Medical School, November 2020 (Lecture)
3. "ErbB2 and Breast Cancer: What’s Calcium Got to do With It?", New Frontiers in RTK Signaling and Therapeutics; a Joint CSN and DT program retreat, Yale Comprehensive Cancer Center, January 2022 (Lecture)

## **Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale:**

### **International/National**

1. "Oral Presentation", 1993Annual Meeting of the American Society for Bone and Mineral Research, American Society for Bone and Mineral Research, Tampa, September 1993 (Oral Presentation)
2. "Oral Presentation", 1994 Annual Meeting of the American Society for Bone and Mineral Research, American Society for Bone and Mineral Research, Kansas City, September 1994 (Oral Presentation)
3. "Oral Presentation", 1996 Annual Meeting of the American Society for Bone and Mineral Research, American Society for Bone and Mineral Research, Seattle, September 1996 (Oral Presentation)
4. "Oral Research Presentation", 1997 Meeting of the Endocrine Society, The Endocrine Society, Minneapolis, June 1997 (Oral Presentation)
5. "Oral Research Presentation", 1998 Joint Meeting of the American Society for Bone and Mineral Research and The International Bone and Mineral Society, American Society for Bone and Mineral Research, San Francisco, September 1998 (Oral Presentation)
6. "Two Oral Presentations", 1999 Annual Meeting of the American Society for Bone and Mineral Research, American Society for Bone and Mineral Research, St. Louis, September 1999 (Oral Presentation)
7. "Oral Presentation", 2000 Annual Meeting of the American Society for Bone and Mineral Research, American Society for Bone and Mineral Research, Toronto, September 2000 (Oral Presentation)
8. "Research Presentation", State of the Art Symposium Speaker: Hormone Action on Non-Traditional Targets, Annual Meeting of the American Society for Bone and Mineral Research, Seattle, September 2004 (Oral Presentation)
9. "Clinical Case Presentation", New England Bone Club, University of Maine Medical Center and New England Bone Club, Scarborough, October 2005 (Oral Presentation)
10. "research presentation", Symposium on Signaling in Mammary Gland Proliferation, The Endocrine Society Annual Meeting, Boston, June 2011 (Oral Presentation)
11. "Overexpression of PTHrP in Transgenic Mammary Tumors Causes Hypercalcemia and Rapid Fat Wasting but does not Increase Energy Expenditure", American Society of Bone and Mineral Research 2018 Annual Meeting, American Society for Bone and Mineral Research, Montreal, September 2018 (Oral Presentation)

## **Professional Service:**

### **Peer Review Groups/Grant Study Sections**

2012 - 2018 Standing Member of ICER Study Section, NIH

2011 Ad-Hoc Reviewer, ICER Study Section, NIH

2010 DOD Breast Cancer Research Program, Endocrine Review Panel

2009 Ad-Hoc Reviewer for Canadian Cancer Society

2009 Reviewer for ARRA Challenge Grants

2007 Ad-Hoc Member, Skeletal Biology Structure and Regeneration (SBSR) Study Section

2001 External Review Committee for Mammary Gland Biology Program, NCI Basic Research Laboratory, NIH

**Professional Society Service**

2024 Board of Directors, Advances in Mineral Metabolism Meeting

2024 Women’s Health Initiative Working Group, American Society for Bone and Mineral Research

2024 Member Advocacy Committee, American Society for Bone and Mineral Research

**Journal Service**

6/07 - 2020 Editorial Board, Bone

9/05 – 2012 Editorial Board, FASEB Journal

1/04 – 12/09 Editorial Board, Journal of Bone and Mineral Research

1/05 – 2018 Editorial Board, Endocrinology

11/99 – present Associate Editor, Journal of Mammary Gland Biology and Neoplasia

### **Yale University / Hospital System**

#### **University**

* 1. Yale College Health Professions Advisory Board

2001 Member, Yale College, Yale College Freshman Advisor

2003-2005 Yale University United Way Coordinating Committee

2010-2012 Yale Center for Small Molecule Discovery Advisory Committee

#### **Medical School**

1999 - 2007 Member, Internal Medicine, Internship Selection Committee

2003-2004 Cancer Center Search Committee for Head of Medical Oncology

2003-2004 Department of Internal Medicine Space Committee

2005 - 2008 Member, Yale Medical School, Funds and Fellowship Committee, Chair 2006-2008

2006-2007 Hematology Section Chief Search Committee

2010-2019 Internal Scholar Review Committee

2017-2019 Internal Medicine Appointments and Promotions Committee

2017-present Iva Dostanic Award Committee

2020-present Internal Medicine Department Compensation Committee

2021-present LionHeart Grant Review Committee, Yale Cancer Center

**Thesis Committees/Reviews**

*Served on Following Thesis Committees:*

Elayne Provost, Department of Pathology, obtained Ph.D. in 2004

Diego Correa, Department of Cellular and Molecular Physiology, obtained Ph.D. in 2009

Allison Welsh, Department of Pathology, obtained Ph.D. in 2011

Mike Ran Zou, Department of Pathology, obtained Ph.D. in 2014

Halle Wimberley, Department of Pathology, obtained Ph.D. in 2014

Cristiana Pineda, Department of Genetics, Served on Qualifying Committee, 2014.

Rachel Zwick, Department of Molecular, Cellular and Developmental Biology, obtained Ph.D in 2018

Wesley Cai, Department of Pathology, obtained PhD in 2020

Maria Korah, Sections of Endocrinology and Human Translational Immunology, MD/MHS obtained in 2020

Ilze Mari Olivi Gomez, Served on Qualifying Committee, 2022

*External Thesis Reviewer for:*

Keri Buckle, Master of Science Thesis, Memorial University of Newfoundland, 2005.

Nicholas Fleming, Ph.D. Thesis, University of Melbourne, 2008

Neva Fudge, Mater of Science Thesis, Memorial University of Newfoundland, 2010

Kimberly Edwards, Ph.D. thesis, University of Sydney, Australia, 2017

Souvik Das, Ph.D. Thesis, Universite de Picardie Jules Verne, 2020

## **Bibliography:**

### **Peer-Reviewed Original Research**

1. Burtis WJ, Wu T, Bunch C, **Wysolmerski JJ**, Insogna KL, Weir EC, Broadus AE, Stewart AF. Identification of a novel 17,000-dalton parathyroid hormone-like adenylate cyclase-stimulating protein from a tumor associated with humoral hypercalcemia of malignancy. The Journal Of Biological Chemistry 1987, 262: 7151-6. [PMID: 3584110](https://pubmed.ncbi.nlm.nih.gov/3584110).
2. Vasavada RC, **Wysolmerski JJ**, Broadus AE, Philbrick WM. Identification and characterization of a GC-rich promoter of the human parathyroid hormone-related peptide gene. Molecular Endocrinology (Baltimore, Md.) 1993, 7: 273-82. [PMID: 8469240](https://pubmed.ncbi.nlm.nih.gov/8469240), [DOI: 10.1210/mend.7.2.8469240](https://doi.org/10.1210/mend.7.2.8469240).
3. **Wysolmerski JJ**, Broadus AE, Zhou J, Fuchs E, Milstone LM, Philbrick WM. Overexpression of parathyroid hormone-related protein in the skin of transgenic mice interferes with hair follicle development. Proceedings Of The National Academy Of Sciences Of The United States Of America 1994, 91: 1133-7. [PMID: 7508121](https://pubmed.ncbi.nlm.nih.gov/7508121), [PMCID: PMC521468](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC521468), [DOI: 10.1073/pnas.91.3.1133](https://doi.org/10.1073/pnas.91.3.1133).
4. **Wysolmerski JJ**, McCaughern-Carucci JF, Daifotis AG, Broadus AE, Philbrick WM. Overexpression of parathyroid hormone-related protein or parathyroid hormone in transgenic mice impairs branching morphogenesis during mammary gland development. Development (Cambridge, England) 1995, 121: 3539-47. [PMID: 8582268](https://pubmed.ncbi.nlm.nih.gov/8582268).
5. **Wysolmerski JJ**, Vasavada R, Foley J, Weir EC, Burtis WJ, Kukreja SC, Guise TA, Broadus AE, Philbrick WM. Transactivation of the PTHrP gene in squamous carcinomas predicts the occurrence of hypercalcemia in athymic mice. Cancer Research 1996, 56: 1043-9. [PMID: 8640759](https://pubmed.ncbi.nlm.nih.gov/8640759).
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### **Peer-Reviewed Reviews, Practice Guidelines, Standards, and Consensus Statements**

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