

Revised 12/11

## **CURRICULUM VITAE**

### **CURTIS T. THOMPSON, M.D.**

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#### CURRENT RESEARCH PROJECTS

Nail Biopsy Standardization and Fungal Detection Study—Project standardizing nail biopsy protocols to allow better histologic processing and maintenance of tissue orientation.

#### PROFESSIONAL EXPERIENCE

Dermatopathologist, 09/05-Present, Curtis T. Thompson, M.D. and Associates, LLC, 12254 SW Garden Place, Portland, OR 97223, Office 503-906-7300

Affiliate Associate Professor, 6/03-Present, Department of Dermatology, The Oregon Health & Science University School of Medicine, Portland, OR 97239, Phone 503-494-6436. Activities limited to volunteer teaching of residents and medical students only.

Consultant Dermatopathologist, 10/03-9/05, Cutting Edge Histology/Medsurg Center for Dermatopathology Excellence, 8192 SW Durham, Tigard, OR 97224-7998, 503-268-4805.

Research Anatomic and Dermatopathologist, 1/02-Present, LifeSpan Biosciences, 2401 4<sup>th</sup> Avenue, Suite 900, Seattle, WA 98121, Chief Scientific Office Glenna Burner, M.D., Ph.D., phone 206-464-1664.

Associated Pathologists Chartered, 7-00-1/02, 6/03-12/03 and 08/04 to present, 4230 Burnham Avenue, Las Vegas, NV 89119, Prakash Chaudhari, M.D., phone 800-433-2750.

Assistant Professor of Pathology and Dermatology, 7/96-6/00, University of New Mexico School of Medicine, Albuquerque, NM 87106, Chair Mary Lipscomb, M.D., phone 505/272-9228.

Adjunct Assistant Professor of Pathology, 7/99-7/02, Cornell University School of Medicine, New York, NY 10021-4897, Director N. Scott McNutt, M.D., phone 212/746-6464.

Chief Technical Office and Founder, 3/99-6/00, Convergent Nanogenetics, Albuquerque, New Mexico.

### POSTDOCTORAL TRAINING

Dermatopathology Clinical Fellow, 7/95-6/96, PGY-VI Training Level, University of California, San Francisco, San Francisco CA 94143-0506, Director of Fellowship, Dr. Philip E. LeBoit, phone 415/353-7550.

Anatomic Pathology Residency, 7/94-6/95, PGY-V Training Level, University of California, San Francisco, San Francisco CA 94143-0506.

Dermatopathology Research Fellow, 7/92-6/94, PGY-III-IV Training Level, University of California, San Francisco, San Francisco CA 94143-0506.

Anatomic Pathology Residency, 7/91-6/92, PGY-II Training Level, University of California, San Francisco, San Francisco CA 94143-0506.

Internal Medicine, 7/90-6/91, PGY-I Training Level, University of California, San Francisco, San Francisco, CA 94143.

### GRADUATE EDUCATION

Baylor College of Medicine, 7/85-7/87 and 7/88-5/90, Doctor of Medicine awarded 6/90.

### UNDERGRADUATE EDUCATION

Baylor University, 8/82-5/85, Bachelor of Science awarded in 5/86 after completion of one year of medical school, Waco TX 76706.

### OTHER RESEARCH EXPERIENCE

STANLEY J. SARNOFF FELLOWSHIP, 7/87-7/88, Study of the heterogeneity of the parasite *Trypanosoma cruzi*, Sponsor, Dr. James A. Dvorak, Principal Investigator, Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda MD 20892.

UNDERGRADUATE HONORS PROJECT, 8/84-5/85, Study of receptor-mediated endocytosis and intracellular degradation of alpha-2-macroglobulin in mouse macrophages, Sponsor, Dr. Mary Lynn Fink, Department of Chemistry, Baylor University, Waco TX 76706.

UNDERGRADUATE SUMMER RESEARCH PROJECT, 5/83-8/83, Study constructing inhibitors of blood clotting Factor XIII, Sponsor, Dr. Mary Lynn Fink, Department of Chemistry, Baylor University, Waco TX 76706.

### RESEARCH PUBLICATION

Trautman, S, Thompson M, Roberts J and Thompson CT. Melanocytes, one possible autoimmune target in alopecia areata. *JAAD* 61:529-30, 2009.

Thompson CT. Nucleic acid in-situ hybridization detection of infectious agents. *Proceedings of the SPIE*, 3913:80-85, 2000.

Spies JA, Thompson CT, Foucar MK and LeBoit PE. The histopathology of cutaneous lesions of Kikuchi's Disease (necrotizing lymphadenitis): A report of 5 cases. *Am J Surg Path*, 23:1040-1047. 1999.

Appenzeller P, Bigler C, Foucar K, Leith C and Thompson CT. Cutaneous waldenstrom's macroglobulinemia in transformation. *Am J Dermatopath*, 21:151-155, 1999.

Lockett SJ, Sudar D, Thompson CT, Pinkel D and Gray JW. Efficient, interactive and three-dimensional segmentation of cell nuclei in thick tissue sections. *Cytometry* 31:275-286, 1998.

Lockett S, Thompson CT, Mullikin J, Sudar D, Khavari R, Hyun W, Pinkel D, and Gray JW. Interactive algorithms for rapid enumeration of hybridization signals in individual, whole cell nuclei inside intact tissue specimens. *Proceedings of the SPIE* 2412:43-49, 1995.

Gordon KB, Thompson CT, Char DH, O'Brien JM, Kroll S, Ghazvini S and Gray JW. Comparative genomic hybridization (CGH) in the detection of DNA copy number abnormalities in uveal melanoma. *Cancer Research* 54:4765-4768, 1994.

Thompson CT, LeBoit PE, Nederlof PM and Gray JW. Thick-section fluorescence in-situ hybridization (FISH) on formalin-fixed, paraffin-embedded archival tissue provides a histogenetic profile. *American Journal of Pathology* 144:237, 1994.

Matsuta M, Matsuta M, Kon S, Thompson C, LeBoit PE, Weier H-U and Gray JW. Interphase cytogenetics of melanocytic neoplasms: numerical aberrations of chromosomes can be detected in interphase nuclei using centromeric DNA probes. *Journal of Cutaneous Pathology* 21:1-6, 1994.

Thompson CT and Dvorak JA. Quantitation of total DNA per cell in an exponentially growing population using the diphenylamine reaction and flow cytometry. *Analytical Biochemistry* 177:353-357, 1989.

## REVIEW PUBLICATIONS

Waldman FM, Sauter G, Sudar D, and Thompson CT. Molecular cytometry of cancer. *Human Pathology* 27:1-13, 1996.

Thompson CT. Cytogenetics of cutaneous malignant melanoma. *PATHOLOGY: State of the Art Reviews (STARS)* 2:401-412, 1994.

Thompson CT and Gray JW. Cytogenetic profiling using fluorescence in-situ hybridization and comparative genomic hybridization. *Journal of Cellular Biochemistry* 17G:139-143, 1993.

## ABSTRACTS

Takiguchi, R and Thompson CT. Centrifuging Nail Specimen Debris Increases Sensitivity of Fungus Detection. American Society of Dermatopathology, October 1, 2009.

Trautman, S, Thompson M, Roberts J and Thompson CT. Melanocytes, one possible autoimmune target in alopecia areata. American Society of Dermatopathology, October 16, 2008.

Thompson, CT. Porokeratosis causing change in melanocytic nevi. American Society of Dermatopathology, October 14, 2004.

Thompson CT and Roberts J. Scalp histology in Rapp-Hodgkin syndrome. American Society of Dermatopathology. October 16, 2004.

Thompson CT, Spidle JA, Middleton SK and Thompson MM. "Fluorescence in-situ Hybridization (FISH) Detection of Mycoplasma." Detection Technologies: Applications in Fluorescence and Probe Technologies for Drug Discovery and Clinical Diagnostics Meeting, Seattle, WA, June 24-25, 1999.

Scott JR, Spidle JA, LeBoit PE and Thompson CT. Fluorescence *in-situ* hybridization (FISH) detection of cutaneous leishmaniasis: a new way to diagnose an old disease. American Society of Dermatopathology, October 30, 1998. Dr. Scott was awarded the "Best Presentation by a Fellow or Resident" for the meeting.

Appenzeller P, Bigler C, Foucar K, Leith C and Thompson CT. Cutaneous Waldenström's macroglobulinemia in transformation, International Society of Dermatopathology, February 25, 1998.

Spies JA, Thompson CT, Foucar MK, LeBoit PE. Cutaneous involvement in Kikuchi's disease: a report of 3 cases. American Society of Dermatopathology, March 19, 1997.

Crossey MJ and Thompson CT. Focal dermal hypoplasia syndrome (Goltz's syndrome) with cutaneous lymphoid hyperplasia. American Society of Dermatopathology, March 20, 1997.

Thompson CT, Ng VL, Pinkel D, and Gray JW. Detection of micro-organisms in formalin-fixed, paraffin-embedded tissue and cytologic preparations using fluorescence in-situ hybridization (FISH). Plenary presentation, American Society of Dermatopathology, February 2, 1995. Award for Best Plenary Presentation By a Resident/Fellow.

Thompson CT, Leong SPL and Gray JW. DNA copy number changes in advanced malignant melanoma using comparative genomic hybridization (CGH). Minisymposium presentation, American Association for Cancer Research, April 11, 1994.

Thompson CT, Gray JW and LeBoit PE. Thick-section fluorescence in-situ hybridization (FISH) reveals distinct histogenetic features of Spitz's nevus and cutaneous malignant melanoma. Plenary presentation, American Society of Dermatopathology, December 2, 1993.

Thompson CT, Gray JW and LeBoit PE. Marked aneuploidy in Spitz nevus, a benign melanocytic neoplasm demonstrated by thick-section fluorescence in-situ hybridization (FISH). American Journal of Human Genetics 53 (3Supplement):375, 1993.

### INVITED LECTURES

"The Nail Surgeon and the Pathologist," World Congress of Dermatology, Seoul, Korea, May 29, 2011.

"Dermatopathology and the Nail Unit," American Academy of Dermatology, New Orleans, LA, February 5, 2011.

"Update of Dermatopathology," Washington State Dermatological Society, Vancouver, WA, July 10, 2010.

"Small Keratinocytic Lesions," Oregon Dermatological Society, Sunriver, OR, August 27, 2010.

"Biopsy Techniques for the Primary Care Clinician," Portland, OR, May 4, 2010.

"New Concepts in Processing of Nail Biopsy Specimens," 10<sup>th</sup> International Congress of Dermatology, Prague, Czech Republic, May 22, 2009.

"Proper Biopsy Technique," Oregon Physician's Assistant/Nurse Practitioner Dermatology Association, Sunriver, OR, July 12, 2008.

"Nail Biopsy Processing" and "Alopecia Diagnostics," Rio de Janeiro Society of Dermatology, Rio de Janeiro, Brazil, November, 29, 2006.

"Standardization of Nail Biopsy Processing," Council for Nail Disorders, San Francisco, CA, March 2, 2006.

"Accurate Diagnosis of Alopecia," H&H Dermatology Seminar, Santa Fe, NM, August 29, 2004.

“Accurate Diagnosis of Alopecia” and “Dermatopathology Challenge,” Oregon Dermatology Society, Sunriver, OR, August 14-15, 2004.

“Alternative Careers in Pathology” New Mexico Society of Pathologists, Albuquerque, NM, October 26, 2002

“Interesting Dermatopathology Case Presentations” Meeting of the United States and Canadian American Pathology Association, New Orleans, LA, March 28, 2000

“Update on Cutaneous Lymphoma Diagnosis.” Department of Pathology, Cornell University School of Medicine, February 16, 2000.

“What a Primary Care Physician Needs to Know About Skin Cancer” New Mexico Department of Health “Everything Under the Sun” Meeting, October 22, 1999.

“Detection of Micro-organisms using Nucleic Acid Hybridization.” Grand Rounds Presentation, Memorial Sloan Kettering Cancer Center, September 29, 1999.

“Fluorescence *In-situ* Hybridization (FISH) Detection of Micro-organisms: Use of an Old Hammer on a New Nail.” Annual Scientific Meeting of The Stanley J. Sarnoff Endowment for Cardiovascular Science, April 30, 1999.

“Fluorescence *In-situ* Hybridization (FISH) Detection of Micro-organisms.” Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, NIH, April 30, 1999.

“Slip, Slop, Slap: Sun Protection in Schools.” From Head to Toe 3: A Conference on School Health, Albuquerque, New Mexico, April 12, 1999.

“Slip, Slop, Slap, New Mexico.” Laguna Elementary School, Laguna, New Mexico, April 8, 1999.

“Sun Protection.” Laguna High School Health Fair, Laguna, New Mexico, March 11, 1999.

“Funded Researcher Talk—American Cancer Society and Slip, Slop, Slap, New Mexico Update.” American Cancer Society Walk for Life Kickoff, Grants and Belen, New Mexico, March 3-4, 1999.

“Update of Cutaneous Lymphoma Diagnosis.” Southwestern Dermatological Meeting, Santa Fe, New Mexico, September 5, 1998.

“Update of Cutaneous Lymphoma Diagnosis.” Phoenix Dermatological Society, Phoenix, Arizona, February 12, 1998.

“Reporting of Melanocytic Neoplasms.” Departments of Dermatology and Pathology, University of California, San Francisco, December 4, 1997.

“Detection of Microorganisms Using Fluorescence in-situ Hybridization (FISH).” Centro de Investigacion Biomedica I.M.S.S., Monterrey, N.L., Mexico, September 14, 1995.

“Thick-section Fluorescence in situ Hybridization (FISH) Techniques.” Confocal Microscopy and Quantitative Image Analysis Workshop, American Association for Cancer Research Annual Meeting, San Francisco, California, April 9, 1994.

“Fluorescence In Situ Hybridization (FISH) Techniques Including Comparative Genomic Hybridization.” Department of Cellular Pathology, Armed Forces Institute of Pathology, Washington DC, December 3, 1993.

“Cytogenetic Profiling Using Fluorescence In Situ Hybridization and Comparative Genomic Hybridization.” Chemoprevention of Breast Cancer: Surrogate Endpoints and Agents in Short-Term Clinical Trials, Lake Tahoe, California, October 7, 1993.

“Analysis of the Cytogenetics of Melanocytic Tumors Using Fluorescence In-situ Hybridization (FISH).” California Melanoma Study Group, Carmel, California, April 23, 1993.

### TEACHING

Moderator, Morphology Rounds, OHSU Department of Dermatology, June, 2004 and June, 2005, and September 28, 2005 and May, 2006, May, 2007; May 2008, May, 2009, May 2011.

Dermatopathology Lectures, OHSU Department of Dermatology, December 2002 through April, 2004 and July to September, 2005; June and August, 2008; May, 2010.

Dermatopathology Course, University of New Mexico Departments of Dermatology and Pathology, 1996-2000.

Dermatopathology Lectures, Basic Medical Sciences, Cornell University School of Medicine, 1999.

Dermatopathology Lectures, Dermatology and Pathology Residents, Cornell University, 1998-99.  
Core Curriculum for Fellows, “Cytogenetics of Solid Tumors,” February 12, 1998.

Medical Student Dermatopathology Lectures, UC Berkeley, 1996.

### OTHER SCIENTIFIC ACTIVITIES

Editorial Board, Journal of the American Academy of Dermatology, November, 2005-2008.

Reviewer--American Journal of Clinical Pathology, American Journal of Dermatopathology, Cancer Research, and Cytometry, Human Pathology

### PATENTS

Thompson CT, Spidle JA, Albertson DG and Segraves RL. “Mast Cell Blocking in *In-situ* Hybridization” U.S. Patent #60/130,865, 1999.

Thompson CT. "Detection of Mycobacterium" U.S. Patent #5,582,985, Granted 1996.

Carson JW and Thompson CT. "Controlled and Safe Fine Needle Aspiration Device" U.S. Patent #5,241,969, Granted 1993.

### MEDICAL LICENSURE

Oregon, 2002 (Active)

California, 1991 (Active)

Nevada, 2000 (Active)

New Mexico, 1996-2003.

Arizona, 1998-2002

New York, 1999-2002

### BOARD CERTIFICATION

Dermatopathology, 11/15/97  
Anatomic Pathology, 1995.

### PROFESSIONAL ORGANIZATIONS

North American Hair Research Society  
Council for Nail Disorders  
American Society of Dermatopathology  
International Society of Dermatopathology  
American Academy of Dermatology  
Oregon Dermatology Society  
Oregon Pathologists Association

### HONORS

Oregon Health Sciences University Department of Dermatology Best Community Teacher Award (2008)  
Oregon Health Sciences University Department of Dermatology Appreciation for Teaching Award (2005)  
University of New Mexico Department of Pathology Best Teacher Award (1997)  
National Merit Scholar  
Phi Beta Kappa  
Stanley J. Sarnoff Society of Fellows  
Baylor College of Medicine Alumni Scholarship

### OUTSIDE ACTIVITIES

Board Member, Portland Center Stage, 7/2008-Present, Executive Board Member 2009-Present.  
Vice President, Lake Oswego Transitional Shelter Ministry (Homeless sheltering), 2005-2011(President 2007-2009).  
Lecturer, Art Literacy Program, Lake Oswego School District, 2003-2004.  
Room Parent, Oak Creek Elementary School, Lake Oswego, Oregon 2002-2004.  
Church School Teacher, Lake Oswego United Church of Christ, 8/02-5/03.  
Coordinator of *Slip, Slop, Slap, New Mexico!*, a joint sun-protection program of the State of New Mexico Department of Health Cancer Prevention Program, The University of New Mexico and the American Cancer Society, 1998-2000.  
Board of Directors, St. Mark's In the Valley Day School, Albuquerque, New Mexico, 8/97-6/00.  
Board of Directors (Vestry), Episcopal Church of St. Mary the Virgin, San Francisco, California, 1/96-6/97.  
Board of Directors, Pacific Primary School, San Francisco, California, 7/95-6/97, Vice President 6/96-6/97.