

## CURRICULUM VITAE

**Dennis J. Thiele**

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### PERSONAL DATA

Born: July 25, 1956, Syracuse, New York

Married: Maria Sippola-Thiele, Ph.D., M.B.A.  
children:  
John 22 (Senior, Ursinus College, Collegeville, PA)  
Katri 19 (Sophomore, Dickinson College, Carlisle, PA)

### EDUCATION

High School: Penfield High School, Penfield, New York, graduated 1974

Undergraduate: State University of New York, College at Fredonia, New York,  
1974-1978, B.S. (Biology) Laboratory of Dr. Valgene Dunham

Graduate: Rutgers University, Rutgers Medical School,  
New Brunswick, New Jersey, M.S., 1981, Ph.D. 1983  
(Microbiology) Laboratory of Dr. Michael J. Leibowitz

### POSTDOCTORAL TRAINING

Staff Fellow, Laboratory of Biochemistry (Chief, Maxine Singer)  
National Cancer Institute, Bethesda, Maryland 1984-1987

### ACADEMIC APPOINTMENTS

Assistant Professor of Biological Chemistry, The University of Michigan, Medical School, July  
1987; Associate Professor, 1992; Professor, 1996-2003

George Barth Geller Professor, Department of Pharmacology and Cancer Biology, Duke  
University Medical Center, August, 2003-present (Vice Chair, 2006-2012)

## CONSULTING POSITIONS

1990-1994, Apex Bioscience, Durham, North Carolina  
1994-1996, ApoLife, Inc., Scientific Advisory Board, Detroit, MI  
1999-2000, Merck and Company, West Point, PA  
2009-present, Chaperone Therapeutics, Research Triangle Park, NC

## EDITORIAL BOARDS

*The Journal of Biological Chemistry* 1996-2000, 2001-2005  
*Genes and Nutrition*: 2006-present  
*Eukaryotic Cell*: 2011-present  
*Virulence*: 2011-present

## GRANT SUPPORT

### Active

Sponsor: National Institutes of Health (R01 GM41840-24)  
Period: 7/1/09 – 6/30/13  
Title: Metal Homeostasis in Yeast  
Principal Investigator: Dennis J. Thiele

Sponsor: National Institutes of Health (R01 DK074192-11)  
Period: 8/1/11-7/31/16  
Title: Copper Homeostasis in Mammals  
Principal Investigator: Dennis J. Thiele

Sponsor: National Institutes of Health (R01 NS065890-03)  
Period: 4/1/10-3/31/14  
Title: HSF1 as a therapeutic target in neurodegenerative disease  
Principal Investigator: Dennis J. Thiele

Sponsor: National Institutes of Health (R21 AI106013-01)  
Period: 4/1/13-3/31/15  
Title: Mechanism for copper-deficiency mediated neutropenia  
Principal Investigator: Dennis J. Thiele

### Pending

Sponsor: National Institutes of Health (R01 GM41840-25) competing renewal  
Period: 7/1/13 – 6/30/18  
Title: Metal Homeostasis in Yeast  
Principal Investigator: Dennis J. Thiele

## **PATENTS:**

“Novel Yeast and Mammalian Regulators of Cell Proliferation”

Patent Number: 6,383,753 Issue Date: May 7, 2002

Dennis J. Thiele and Phillip C.C. Liu

“Compositions and methods relating to Heat Shock Transcription Factor Activating Compounds and targets thereof”

Dennis J. Thiele and Daniel W. Neef (Pending)

## **CERTIFICATION AND LICENSURE**

None

## **MILITARY SERVICE**

None

## **HONORS AND AWARDS**

- New York State Regents Tuition Scholarship 1974-1978
- Frank G. Brooks Award (Tri-Beta) for Excellence in Undergrad. Research 1978
- Theobald Smith Award, New Jersey Ch. Amer. Soc. for Microbiology) 1983
- Damon Runyon - Walter Winchell Cancer Fund Postdoctoral Fellow 1984-1986
- Burroughs Wellcome Toxicology Scholar Award 1994-1999
- University of Michigan Faculty Recognition Award 1997
- University of Michigan Distinguished Faculty Achievement Award 2001
- Vice Chair, “Stress-Inducible Gene Expression” Gordon Conference 2003
- University of Medicine and Dentistry of New Jersey Graduate School of Biomedical Sciences Distinguished Alumni Award 2005
- Chair, Stress Proteins in Growth, Develop, Disease Gordon Conf. 2005
- Rutgers University Graduate School Distinguished Alumni Award 2006
- George Barth Geller Professor of Pharmacology and Cancer Biology 2006-present
- Inaugural Arturo Leone Lecture, Intl. Meeting on Copper Homeostasis 2006
- Elected Fellow, American Association for the Advancement of Science 2006
- Elected Fellow, American Academy of Microbiology 2007
- Co-Organizer with Mary Lou Guerinot, FASEB Summer Research Conference on Trace Element Micronutrients, Snowmass, Colorado 2008
- Keynote Lecture, Cell Biology of Metals Gordon Conference 2009
- Keynote Lecture, Stress Proteins Gordon Conference 2009
- Keynote Lecture, FASEB Trace Elements Summer Conference 2010
- David Danks Award Lecture, International Copper Meeting 2010
- Outstanding Alumni Award, SUNY College at Fredonia, N.Y. 2012
- Keynote Lecture, Human Disorders of Copper Metabolism Meeting 2012
- Vice Chair, Cell Biology of Metals Gordon Conference 2013
- Chair-Elect, Section on Biological Sciences, American Assn. Adv. Science 2013
- Co-Organizer, International BioMetals Meeting 2014
- Co-Organizer, 9<sup>th</sup> International Copper Meeting 2014

- Chair, Cell Biology of Metals Gordon Conference

2015

## **MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES**

Genetics Society of America

American Society for Microbiology

American Association for the Advancement of Science

American Society for Biochemistry and Molecular Biology

## **TEACHING ACTIVITIES**

### **University of Michigan Medical School (1987-2003)**

- Biological Chemistry 522, Spring 1988 (Biochemistry for Dental Students)
- Coordinator, Genetics Training Grant Student Seminar, Winter, 1990
- Course Director, Biological Chemistry 416/516, Fall 1988-1991 (Undergrad. Laboratory course)
- Course Director and Lecturer, Biological Chemistry 571, Fall, 1992-1998  
(Nucleic Acid Structure and Dynamics)
- Biological Chemistry 572, Fall, 1992-2003  
(Biochemistry of Gene Expression)
- Biological Chemistry 578, Fall, 1992-1999  
(Biochemistry Research Techniques)
- Biological Chemistry 700, 1996-present  
(Critical Analysis of the Literature)
- Course Director, Biological Chemistry 550, Fall 1999-2003  
(Protein Structure and Function)
- Course Director, Biological Chemistry 682, Spring, 2000, 2001  
(Biochemistry of Gene Expression)
- Engineering 100: (Intro to Engineering), Fall, 2000
- Biology 401, Current Topics in Biology, Spring 2001

### **Duke University**

- Co-course Director with Xiao-Fan Wang, Pharmacology/Molecular Cancer Biology 280, 2003-present
- Course Director and Lecturer: Cell Biology of Metals, 2008-present
- Course Director and Lecturer: Protein misfolding and disease, 2011-present

## **COMMITTEE AND ADMINISTRATIVE SERVICES**

### **University of Michigan Medical Center (selected, over 16 years)**

- Department of Biological Chemistry Chair's Advisory Committee, 1988-1992, 1995-2003

- Faculty reviewer, Michigan Minority Merit Fellowship Competition, 1989-1995
- Faculty Search Committee, Department of Otolaryngology, 1990-1991
  
- Steering Committee, Univ. of Michigan Cellular Biotechnology Training Program, 1991-2003
- Faculty Search Committee, Dept. of Biological Chemistry, 1992-1995
- Faculty Search Committee, Department of Biology, University of Michigan, 1992, 1993, 2001.
- Member, Scientific Advisory Board, University of Michigan-Warner-Lambert/Parke-Davis Postdoctoral Training Program, 1992-1996
- Graduate Student Recruitment and Admissions Committee, Department of Biological Chemistry, University of Michigan Medical School: 1992, 1993 (Co-chair), 1994 -1998 (Chair)
- Undergraduate Summer Research Program Committee, Dept of Biological Chem., 1993, 1994
- Organizer, Dept. Biological Chem. Research Retreat, University of Michigan, 1992-1995
- Organizer, Department of Biological Chemistry Seminar Program, 1993-1996
- Member, University of Michigan Medical School Biomedical Research Council: Dean's Advisory Committee, 1996-1999
- Founding Organizer with Ronald Taussig, Dept of Biological Chemistry Postdoctoral Seminar Program, 1997-2000
- Organizer, the University of Michigan Life Sciences Lecture Series, 1999-2001
- Chair, Univ. Michigan Medical School Biol. Chemistry Faculty Search Committee, 2000-2001
- Co-chair with Carol Fierke, University of Michigan Joint Life Sciences Search Committee, 2000-2001
- Member, University of Michigan Medical School Department of Biological Chemistry Chair Search Committee, 2002
- Member, University of Michigan Medical School Medical Scientist Training Program Operating Committee, 2001-2003
- Member, Interdepartmental Committee on Recruitment and Selection of Biological Sciences Scholars, University of Michigan, 2001-2003
- Curriculum Advisor for graduate students in the Department of Biological Chemistry, University of Michigan, 2000-2003

Member:

Chemistry-Biology Interface Training Program  
 Genetics Training Program  
 Cellular Biotechnology Training Program  
 Toxicology Training Program  
 Cell and Molecular Biology Training Program  
 University of Michigan Comprehensive Cancer Center  
 University of Michigan Diabetes Center

**Duke University (selected, 2003-present)**

- Member, University Program in Genetics and Genomics
- Member, Cell and Molecular Biology Program
- Member, Interdepartmental Toxicology Program

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