

CURRICULUM VITAE

GAETANO THIENE



updated January 2014

OFFICE ADDRESS: **Professor of Pathology**
Director, Cardiovascular Pathology Unit
Director, PhD School “Translational Specialistic Medicine – G.B. Morgagni”
Director, Cardio-Cerebro-Vascular Pathology Registry
DEPARTMENT OF CARDIAC, THORACIC AND VASCULAR SCIENCES
UNIVERSITY OF PADUA MEDICAL SCHOOL
Via A. Gabelli n.61
35121 Padova, ITALY
Phone +39-049-8272283 / Fax + 39-049-8272285
Mobile +39-334-6690214; +39-337-386756
E-mail: gaetano.thiene@unipd.it

HOME ADDRESS: Via Toscana n.5, 35030 Rubano (PD), Italy

DATE OF BIRTH: July 1, 1947

PLACE OF BIRTH: Longare (VI), Italy

Married with Marialuisa Valente, M.D., Professor of Pathology, University of Padua Medical School,
3 children and 2 grandchildren

EDUCATION:

1972 Graduation in Medicine, University of Padua Medical School, Padua, Italy
1975 Post-Graduation in Cardiology, University of Padua Medical School, Padua, Italy
1978 Post-Graduation in Pathological Anatomy, University of Trieste Medical School, Trieste, Italy

RESPONSIBLE OFFICES:

1995-1998 Member, Administrative Council, University of Padua, Padua, Italy
1998-2006 Director of the Institute of Pathological Anatomy, University of Padua Medical School,
Padua, Italy
2007-2010 Vice-Director of the Department of Medico-Diagnostic Sciences and Special Therapies,
University of Padua Medical School, Padua, Italy
2012 - Deputy Councilor for Historical Tradition and International Image of the Medical
School, University of Padua, Padua, Italy
2012- Deputy Councilor, Summer School, University of Padua, Padua, Italy

AWARDS, FELLOWSHIPS AND HONORS:

1972 “Giovanni e Silvio Cagnetto” Award, University of Padua
1977 NATO Jr Fellowship, National Council of Research, Rome
1980 “Giacomo Binda” Award, Association of Italian Hospital Cardiologists, Florence
1981 “Furio Cicogna” Award, De Gasperis Association, Milan
1988 Fellow, European Society of Cardiology
1989 Honorary Fellow, European Association for Cardiothoracic Surgery, Munich
1991 Ordinary Member, Olympic Academy, Vicenza
1994 - President, Arrhythmic Cardiac Diseases Foundation, Padua
1995 Mannheim Lecture and Award, Association for European Pediatric Cardiology, Bologna,
May 20

- 2002 Honorary Fellow, Royal College of Physicians, London
- 2003 Foreign Honorary Member, Serbian Academy of Sciences, Belgrade
- 2004 Active Member, Galileian Academy of Letters, Arts and Sciences, Padua
- 2003-2005 President, Society for Cardiovascular Pathology
- 2004-2006 President, Association for European Cardiovascular Pathology
- 2004-2007 General Secretary, Italian Federation of Cardiology
- 2007-2010 Vice President, Olympic Academy, Vicenza
- 2007 Corresponding member, Concordi Academy, Rovigo
- 2008 Andreas Grüntzig Lecture and Award, Swiss Society of Cardiology, *May 28*
- 2009 Nahum J Winer Lecture and Award, European Society for Non Invasive & Preventive Cardiology, *May 23*
- 2010 John Hopkins Medicine Lecture and Award of Excellence in ARVC/D, Baltimore-MD, *May 8*
- 2011 Distinguished Achievement Lecture and Award, Society for Cardiovascular Pathology, San Antonio-TX, *February 27*
- 2011 - President, Sciences and Technology Class, Olympic Academy, Vicenza
- 2012 Honorary Fellow, Italian Society of History of Medicine
- 2012 - Deputy Councilor for Historical Tradition and International Image of the Medical School University of Padua, Italy
- 2012 - Deputy Councilor, Summer Schools University of Padua, Italy
- 2013 Award en el campo de la Patologia Cardiovascular, Sociedad Espanola de Patologia Forense y la Sociedad Espanola de Anatomia Patologica, Cadiz, *May 24*
- 2013 Paul Dudley White International Lecture and Award, American Heart Association, *November 19*
- 2013 Leonardo da Vinci Lecture and Award, Società Italiana di Cardiologia, *December 16*
- 2013-2014 President, History of Pathology Society

PERSONAL SKILLS AND COMPETENCES:

Gaetano Thiene M.D. is Professor of Pathology and Consultant of Cardiovascular Pathology, Department of Cardiac, Thoracic and Vascular Sciences at the University of Padua Medical School, Padua, Italy. He has been Director of the Institute of Pathological Anatomy at the University of Padua from 1998-2006

Following graduation at the Medical School, University of Padua, Dr. Thiene trained as both Cardiologist (University of Padua, Italy) and Pathologist (University of Trieste, Italy). He is Honorary Fellow of the Royal College of Physicians in London, U.K., Foreign Honorary Member of the Serbian Academy of Science and Arts in Beograd, Serbia; Corresponding Member of Concordi Academy in Rovigo, Italy; Active Member of the Galileian Academy in Padua, Italy, and President of the Sciences and Technology Class, Olympic Academy in Vicenza, Italy.

His research interests have been across the broad fields of Cardiovascular Medicine and Pathology, particularly directed to clinicopathologic studies and clinical translation of basic research.

He first reported Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC) as a major cause of sudden death in the young and in athletes (*NEJM* 1988) and has contributed to the elucidation of the genetic basis for ARVC (*Circulation* 2006). He is a principal architect of the Italian program in which all young individuals who participate in sports activities are screened for potential cardiovascular problems and in which all sudden unexpected deaths in the young are formally investigated by expert cardiovascular pathologists. This is the most successful such screening program in the world and it has led to major advances in understanding the causes of sudden death in the young. It resulted in a sharp decline (by 90%) of sudden death in the athletes of the Veneto Region, Italy, thanks to identification and disqualification of young people affected by cardiomyopathies. Dr. Thiene has been and continues to be a true visionary in this field.

Dr. Thiene is the leader of the group in Padua which has worked at the interface between pathology and genetics in the cardiomyopathies and has identified several disease-causing mutations, correlating them with the clinical and pathological features of the disease. He has given important contributions to defining clinicopathologic correlations in heart valve disease and in the pathology of tissue valve substitutes, including the initial observation that calcification in human bioprostheses was initiated in cells. Dr. Thiene has made several contributions to congenital heart disease, molecular genetics and pathology of myocarditis, coronary artery disease, arrhythmias and conduction system disease, cardiac tumors, endomyocardial biopsy and cardiac transplantation.

He has published **1022 reports** of original investigations and reviews in Index leading journals of pathology and cardiovascular medicine, and additionally is co-author and/or co-editor of **20 monographs**. His papers collected an overall Impact Factor of **3249,339**; Times cited: **25720**; Hirch index **67**.

Dr. Thiene is Associate Editor of *Cardiovascular Pathology* and of the *Journal of Heart Valve Disease*, and serves in the Editorial Board and/or acts as reviewer of other prestigious journals in cardiology, medicine and pathology.

Moreover, Dr. Thiene has been a tireless champion of and participant in the Society for Cardiovascular Pathology (SCVP), of Cardiovascular Pathology as a subspecialty as well as of international cooperation. He has been a major driver of the Association for European CardioVascular Pathology (AECVP) and has motivated young people in Europe to enter the field of Cardiovascular Pathology, training several as a direct mentor. More generally he has led the definition of educational and training requirements for Cardiovascular Pathology.