

CURRICULUM VITAE

GAETANO THIENE



updated May 2015

OFFICE ADDRESS: **Professor of Pathology**
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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, Institute of Pathological Anatomy, University of Padua Medical School, Padua, Italy
2007-2010 Vice-Director, 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
1990-1992 President, Italian Society of Paediatric Cardiology
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, *Berne, May 28*
- 2009 Nahum J Winer Lecture and Award, European Society for Non Invasive & Preventive Cardiology, *Brescia, 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
- 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, *Dallas-TX, November 19*
- 2013 Leonardo da Vinci Lecture and Award, Società Italiana di Cardiologia, *Rome, December 16*
- 2013-2014 President, History of Pathology Society
- 2014 Rene Laennec Lecture and Award, European Society of Cardiology, *Barcelona, August 31*
- 2015 Commencement Lecture, 250th Anniversary of the Medical School at the University of Pennsylvania, Philadelphia, U.S.A., *Philadelphia-PA, May 16*

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.

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 **981 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 **3860,789**; Times cited: **26523**; Hirsch index **68** (Scopus since 1995).

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.