

## Curriculum Vitae

### Arsenio Veicsteinas, M.D., Professor of Physiology

#### Current Academic

##### Title and address

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#### Education

1970                      Graduated in Medicine with honours, University of Milan, Italy  
1982                      PhD in Sports Medicine, University of Chieti, Italy  
1974                      PhD in Cardiology, University of Torino, Italy  
1964                      High School “ Liceo Scientifico” in Milan

#### Professional Experiences and Appointments

2007-                      Director of the Research Centre “Exercise and Wellness, Alta Valtellina” of the University of Milan  
2003-                      Director of the Institute of “ Exercise Sciences, Health and Sport”, University of Milan  
2001-                      Professor of Physiology, Faculty of Exercise Science, University of Milan  
1990-                      Director of Sports Medicine Centre, Don Gnocchi Foundation, Milan  
  
1990-2000                Director of the “ Centro Studi e Ricerche di Fisiologia del Lavoro Muscolare e dello Sport”, University of Brescia  
1989-2001                Director of “ School of Sports Medicine” ( Scuola di Specializzazione in Medicina dello Sport), University of Brescia  
1986-2001                Professor of Physiology, School of Medicine, University of Brescia,  
1893-1984                Visiting Associate Professor, Dept of Physiology, University of Buffalo, U.S.  
1980-1981                Visiting Associate Professor, Physiology Department, Max Planck Institute for Experimental Medicine, Goettingen, Germany  
1980-1986                Associate Professor of Human Physiology, School of Medicine, University of Brescia  
1976-1977                Buswell Fellow, Dept of Physiology, University of Buffalo, U.S.  
1976                      Postdoctoral Research Fellow, Physiology Department, Max Planck Institute for Experimental Medicine, Goettingen, Germany  
1971-1980                Assistant Professor of Human Physiology, School of Medicine, University of Milan

#### Research Grants:

A)                          Principal Investigator

- 2007 Ministry of the University, Research Project “Exposure to intermittent hypoxia as a substitute for exercise-induced cardioprotection” ( 4 research units)
- 2003 MURST, PRIN Project "Molecular and cellular mechanisms underlying exercise-induced protection" ( 4 research units)
- 2001 Italian Ministry of Health. Research Project. “L'attività fisica come strumento nella prevenzione primaria e secondaria delle malattie cardiovascolari"
- 1999 Italian Ministry of Health. Research Project .Stato nutrizionale e sue modificazioni temporali in disabili neuromotori da cerebropatia e mielopatia di origine traumatica. Ruolo delle strategie riabilitative e dell'attività motoria nella prevenzione della co-morbilità associata
- 1995 Telethon Project “Electrically-elicited surface mechanomyogram in myotonic dystrophy” (1 Research Unit)

B ) Other than Principal Investigator

- 1999 MURST PRIN Project. Non invasive study of the motor units recruitment and firing rate relationship for different modalities of force generation in humans.

Journal Editorial Board and Journal Reviewer

- 2005- Co-Editor of the Scientific Journal "Sport Sciences for Health", Springer Verlag
- 1989- Scientific board of the Italian Scientific Journal “Sport e Medicina”
- 2000- J Electromyography and Kinesiology
- 1998- Medicine and Sciences in Sports and Exercise
- 1994- European J. Applied Physiology
- 1992- International J Sports Medicine
- 1992- J Biomechanics

Society Memberships

American Physiological Society  
 American College of Sports Medicine  
 International Society for Mountain Medicine  
 European College Sport Science  
 Italian Society of Physiology

Professional Activities

- 1999 Founders of the School of Exercise Sciences at the University of Milan.
- 1998- 2005 Member of Regional Committee for Sport (Comitato Regione Lombardia)
- 1997- 2004 Area President of the Italian Society for Sports Cardiology

Actual Teaching

Integrative Physiology (III year student core course): Principles of organ and organism ;physiology-homeostasis, structure-function relationships, physical principles

Organ Physiology (III year student core course): Respiratory and cardiovascular section; Organize and lead cardiorespiratory labs and discussion sections.

Course committee. Exercise Physiology (advanced graduate course for Sports Medicine medical doctors). Exercise Physiology (advanced graduate course for Exercise Sciences doctors).

#### Summary of Research Career and Fields of Interest

Arsenio Veicsteinas entered in the Institute of Physiology, School of Medicine, University of Milan to initiate his thesis in 1968 under the supervision of Rodolfo Margaria and Paolo Cerretelli. Then in 1971 received the position of Assistant Professor under the supervision of Paolo Cerretelli and Pietro Enrico di Prampero. In 1980 he moved to the newly founded University of Brescia as Associate Professor, where developed the Laboratory of Exercise Physiology. In 2001 returned to the Faculty of Exercise Sciences of the University of Milan as Professor of Physiology.

As Visiting Professor spent several time in the Physiology Department, Max Planck Institute for Experimental Medicine, Goettingen, Germany (under the supervision of Johannes Piiper), and in the Dept. of Physiology of the SUNY at Buffalo, U.S., under the supervision of Donald Rennie and David Pendergast.

The research fields of interest cover the Physiology of Muscle Exercise (metabolism, respiratory and cardiocirculatory adjustments to exercise), the control of Muscle Contraction (electromyogram and mechanomyogram), the study of the Biological Effects of electromagnetic fields on animals and cells, and more recently the molecular mechanism involved in exercise and in cardioprotection.

He published 84 original papers in English (see Pubmed) and 30 papers in Italian.

He was invited in 38 congresses and attended more than 70 meetings.

October 2008