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#### OFFICE ADDRESS

Dip. Scienza e alta Tecnologia (DiSAT), Università degli Studi dell'Insubria  
Via Valleggio, 9 | 22100 Como (Italy)

#### PRESENT POSITION

- (2017 - Present) Full Professor - Occupational Medicine  
*DiSAT, Università degli Studi dell'Insubria, Como (Italy)*

#### PAST OCCUPATION

- (2006 - 2017) Associate Professor - Occupational Medicine  
*DiSAT, Università degli Studi dell'Insubria, Como (Italy)*
- (2002 - 2006) Assistant Professor - Occupational Medicine  
*DiSAT, Università degli Studi dell'Insubria, Como (Italy)*
- (1994 - 2002) Technical-scientific coordinator  
*Unità di Igiene Industriale e Ambientale - Istituto di Salute Occupazionale, Università degli studi di Milano.*
- (1986-1994) Technical Assistant / Technical Coordinator of field activities  
*Fondazione Salvatore Mangeri Pavia (1986 -1990), International Centre for Pesticides Safety (WHO) e Istituto di Salute Occupazionale dell'Università degli Studi di Milano (1990 -1994).*

#### OTHER APPOINTMENTS AND PARTICIPATION IN WORKING GROUPS

- (2018- present) President of the Istituto di Certificazione delle Figure della Prevenzione (ICFP)
- (2018- present) Member of the National Board of Director as "Past-President" of the Italian Association of Industrial Hygienists (AIDII). Previously Member of the Board of Directors (since 1997), with the position of Treasurer (from 1998-2009) and delegate to the organization (2000 - 2009) and subsequently as Vice-President (2011 - 2015) and President (2015-2018).
- Member (since 2006) and Referent (since 2012) of the "Chemical Risk" Deepening Laboratory of the Lombardy Region
- (2017- present) Member of the Academic Senate of the Università degli Studi dell'Insubria
- (2012-2017) Member of the Board of Directors of the Università degli Studi dell'Insubria
- (2008- present) Founder and partner of the university spin-off company Melete S.r.l.
- (2015 - 2019) Founder and partner of the university spin-off TheranostiCentre S.r.l.

#### EDUCATION

- PhD in Occupational Medicine and Industrial Hygiene (*Consortium of the University of Bari, Milano, Parma e Pavia, in collaboration with Johns Hopkins University of Baltimore (USA)*)
- Degree in Biological Sciences

## TEACHING EXPERIENCE

He has been continuously teaching since 1998 at the University of Insubria, the University of Milan and the Milan Polytechnic University. Currently owner of 4 teaching courses at the University of Insubria, modules for assignment at the University of Milan and at the Milan Polytechnic. He carries out post-graduate teaching activities for the Specialization Schools in Occupational Medicine of Insubria and Milan and for the Specialization School in Chemical Risk Assessment and Management (University of Insubria)

### Current Classes

- Environmental and Occupational Toxicology
- General and Occupational Hygiene
- Quality and Safety in the Industry
- Exposure Sciences and Environmental and Occupational Hygiene
- Safety and Industrial Hygiene Technique (at Milan Polytechnic University)

## CERTIFICATIONS

- (2019 - present) Senior Certified Industrial Hygienist - Specialized in the field of chemical and biological agents in compliance with UNI 11711:2018 - certificate number SC0106040004 (ICFP)
  - o (2009-2019) Accreditation ACCREDIA n ° PRS 072 C, for certification according to the UNI CEI EN ISO / IEC 17024 Standard, for the professional figure of Industrial Hygienist - Certification nr. GA0106040004
  - o (1998-2009) certificate of Industrial Hygienist issued by the Institute for the Certification of Industrial Hygiene (ICII) promoted by the Italian Association of Industrial Hygienists (AIDII)

## SCIENTIFIC ASSOCIATIONS

- Member of the Italian Association of Industrial Hygienists (AIDII)
- Member of the American Conference of Governmental Industrial Hygienists (ACGIH)
- Member of the American Industrial Hygiene Association (AIHA)
- Member of the International Society for Indoor Air Quality and Climate (ISIAQ)

## EDITORIAL ROLES

- (2019-to date) Guest Editor for the Special Issue "Modeling Tools for Occupational Exposure Assessment" (International Journal of Environmental Research and Public Health; ISSN 1660-4601)
- (2017-2019) Guest Editor for the Special Issue "Air Quality Assessment for Environmental Policy Support: Sources, Emissions, Exposures and Health Impacts" (Environments - ISSN 2076-3298)
- Member of the National Advisory Board of the Journal "La Medicina del Lavoro" (ISSN: 0025-7818)
- Scientific Reviewer for national and international journals

## RESEARCH INTERESTS

Human exposure assessment in occupational and general environments; Occupational and environmental hygiene; Occupational exposure to nanoparticles and nanomaterials; Exposure modeling; Indoor air quality; Health impact assessment; Chemical risk assessment and management

## SCIENTIFIC PAPERS

Author or coauthor of over 200 scientific articles, book chapter and conference proceedings (Scopus Author ID = 7003847932; H-index = 23; Documents = 88; Citations = 1479)

## RESEARCH PROJECTS

He has carried out and still carries out research on European and International Collaborative Projects, also with the role of unit coordinator or principal investigator. Research Projects funded in the last 15 years are listed below

- PRIMATE (An integrate precision medicine approach to malignant mesothelioma: from mutation load to epidemiology and therapy) (founded by Fondazione Regionale per la Ricerca Biomedica-Special project 2017: Asbestos Related diseases)
- “The European Human Biomonitoring Initiative – HBM4EU (Horizon 2020-SC1-2016-RTD, Project n. 733032) – Studio HBM4EU di biomonitoraggio occupazionale su cromo e alter sostanze chimiche nocive (WP 8.5)
- INSIDE Project (*INdividual air pollution exposure, extracellular vesicles SIgnaling and hypertensive disorder DEvelopment in pregnancy*) Funded by Italian Ministry of University and Research
- SPHERE (*Susceptibility to particle health effects, miRNA and exosomes*) Supported from the EU Programme “Ideas” (ERC-2011-StG 282413; P.I. Prof. Valentina Bollati)
- “Progetto Supersito”. Finanziato daARAPE Emilia-Romagna.
- The MULAN Program (*a MULtilevel Approach to the study of Nanomaterials Health and Safety*) Funded by CARIPLO Foundation
- OFFICAIR (*On the reduction of health effects from combined exposure to indoor air pollutants in modern offices*) Supported by the EU in the framework of the Seventh Framework Programme (FP7)
- SINPHONIE (*Schools Indoor Pollution and Health: Observatory Network in Europe*) Funded by the Directorate General for Health and Consumer
- Valutazione dell’Effetto degli Inquinanti Atmosferici sulla Salute degli Appartenenti al Corpo di Polizia Municipale impegnati nella Disciplina del Traffico. Sponsor: ISPESL
- Progetto PM-CARE - Studio dei meccanismi degli effetti cardio-respiratori prodotti dall’inquinamento urbano da particolato. Sponsor: MIUR
- Localizzazione dell’amianto naturale in Valmalenco . Sponsor: Regione Lombardia (Progetto 2007B079)
- Progetto qualità dell'aria e salute in provincia di Lodi, finanziato dalla ASL della Provincia di Lodi

Como, 13/04/2020

Prof. Domenico Maria Cavallo, PhD

