

PERSONAL INFORMATION



Pier-Valerio Mari, MD

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Sex Male | Date of birth 21 Nov 1989 | Nationality Italian

PERSONAL STATEMENT

Pier-Valerio Mari (MD) is a Pulmonary and Critical Care Medicine (P/CCM) physician in Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome. He has developed a research interest in *Interstitial Lung Diseases* (ILDs) with a special focus on *Idiopathic Pulmonary Fibrosis* (IPF).

He is the author of publications and book chapters in ILD field. Moreover, he has a particular commitment to education for graduated physicians who wish to apply to the Italian National Medical Examination in order to access the Fellowship program. He is the official Pulmonology Lecturer of AIMS S.r.l. group since 2016 in charge of several lectures all over the Country and updates of course books.

Pier-Valerio Mari is a member of the Italian Respiratory Society, European Respiratory Society, American Thoracic Society and WASOG with active participation in National, European and American pulmonary congresses.

EDUCATION AND TRAINING

Nov 2019–Present

PhD Program: Cellular and Molecular Clinical Research

Catholic University of the Sacred Heart (UCSC), Rome (Italy)

XXXV cycle (DM 45/2013)

Aug 2018–Feb 2019

Visiting Scholar Program in Pulmonary and Critical Care Medicine

University of Michigan, Ann Arbor (MI) (United States)

Short-term research fellowship: Interstitial Lung Disease Program.

The ILD Program is committed to finding new therapy options for patients through scientific research. Research and clinical progress are actively translated across disciplines with a common goal of bettering the understanding, diagnosis, and treatment for interstitial lung disease.

Research project: "*Characterization of Interstitial Pneumonia with Autoimmune Features (IPAF)*"

Nov 2015–Oct 2019

Pulmonary and Critical Care Medicine (P/CCM) Fellowship Program

Catholic University of the Sacred Heart (UCSC), Rome (Italy)

The Pulmonary and Critical Care Medicine (PCCM) Fellowship is dedicated to caring for critically ill patients and patients with lung disease. In our institution, we hold a strong and clinical and research expertise in a broad range of chronic lung diseases such as COPD and Asthma with a special commitment to Interstitial Lung Diseases, in particular Idiopathic Pulmonary Fibrosis (IPF) and Sarcoidosis

Thesis: "*Impact of Immunosuppressive Therapy in Interstitial Pneumonia with Autoimmune Features (IPAF)*"

50/50 cum laude

Nov 2008–Jul 2014 **Single Cycle Degree in Medicine and Surgery**
 Catholic University of the Sacred Heart, Rome (Italy)
 Thesis: "Adults affected by Down's Syndrome: a geriatric patient"
 110/110 cum laude

Sep 2004–Jul 2008 **High School Diploma in scientific studies**
 High School "Galileo Galilei", Macerata (Italy)

WORK EXPERIENCE

Sep 2014–Jul 2015 **Tutoring and Mentorship Service**
 Medicine and Surgery International Medical School - UCSC, Rome (Italy)
 The tutor provides help in planning exams, tailored academic service in order to sustain each freshman and resolves possible administrative problems.

Feb 2016–Present **Pulmonology Lecturer**
 AIMS - Accademia Italiana Medici Specializzandi, Rome (Italy)
 Lecturer of Pulmonology with solid experience of multiple lectures all over the country addressed to graduated medical doctors who are applying to the National Medical Examination and wish to access Fellowship Programs.

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Cambridge English: First (FCE)					
French	A2	B1	A2	A2	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

- Job-related skills
- Medical writing and correspondence with peer-reviewed journals
 - Research Data Management: Microsoft Access, Excel and RedCap
 - Reference Management: EndNote, Mendeley, Zotero
 - Statistical Software: SPSS, STATA, SAS
 - Biomedical statistic (Study design, inferential statistics, sample size)
 - Registration of clinical trials in international databases (ClinicalTrials.gov)
 - Non-Invasive Ventilation (NIV)

Driving licence B

ADDITIONAL INFORMATION

Certifications **Nov, 2019: ERS Harmonized Education in Respiratory Medicine for European Specialists (HERMES): European Diploma**
 The ERS HERMES examinations in respiratory medicine are developed and organized by the

European Respiratory Society (ERS). These written, multiple-choice question examinations are based on respective European syllabi and are the main European-level examinations in respiratory medicine. The examination is accredited by the European Board for Accreditation in Pneumology (EBAP), and approved by the European Union of Medical Specialists (UEMS) and by the UEMS section of Pneumology.

Apr, 2019: ICH E6 (R2) Good Clinical Practice (GCP): Certified

The Good Clinical Practice (GCP) Certificate provides a unified standard of ethical and scientific quality for designing, conducting, recording and reporting trials that involve the participation of human subjects in order to facilitate the mutual acceptance of clinical data by the regulatory authorities.

Jun, 2016: Advanced Life Support (ALS): Executor

This advanced course highlights the importance of high-performance team dynamics and communication, systems of care, recognition and intervention of cardiopulmonary arrest, immediate post-cardiac arrest, acute dysrhythmia, stroke, and acute coronary syndromes (ACS).

Oct, 2015: Basic Life Support and Defibrillation (BLS-D): Executor

This Certification is consistent with Italian Resuscitation Council (IRC) Guidelines for CPR/ECC, and covers breathing and cardiac emergencies - including CPR, AED, and obstructed airway - for adult and child subject.

May, 2015: Licence to practice Medicine: #2485

Medical Council: Ordine dei Medici-Chirurghi e degli Odontoiatri, Macerata IT (OMCEO).

Publications (Indexed)

- **Alemtuzumab-induced lung injury in multiple sclerosis: Learning from adversity in three patients;** A Bianco, **PV Mari**, AR Larici, M Lucchini, V Nociti, FA Losavio, C De Fino, G Cicchetti, D Coraci, L Richeldi, M Mirabella. *Mult. Scler. Relat. Disord.* 27, 2020. doi:10.1016/j.msard.2019.101450.
- **Statin Therapy and Lung Disorders;** **PV Mari**, F Lombardi, MC Flore, L Richeldi. *Am J Respir Crit Care Med.* 2019 Oct 1;200(7):921-923. doi: 10.1164/rccm.201804-0725RR.
- **Contemporary Concise Review 2018: Interstitial lung disease;** **PV Mari**, G Jones M, L Richeldi. *Respirology.* 2019 Aug;24(8):809-816. doi: 10.1111/resp.13572.
- **Investigational drugs for idiopathic pulmonary fibrosis;** Varone F, Montemurro G, Macagno F, Calvello M, Conte E, Intini E, Iovene B, Leone PM, **Mari PV**, Richeldi L. *Expert Opin Investig Drugs.* 2017 Sep;26(9):1019-1031. doi: 10.1080/13543784.2017.1364361
- **New treatment directions for IPF: current status of ongoing and upcoming clinical trials;** Macagno F, Varone F, Leone PM, **Mari PV**, Panico L, Berardini L, Richeldi L. *Expert Rev Respir Med.* 2017 Jul;11(7):533-548. doi: 10.1080/17476348.2017.1335601

Book Chapters

- **ERS Handbook of Respiratory Medicine;** 2019. European Respiratory Society, 3rd Edition; Idiopathic Pulmonary Fibrosis; **Mari PV**, Wells A, Richeldi L. doi: 10.1183/9781849840798.010518.
- **Enciclopedia dei Concorsi SSM con il commento di tutte le domande;** 2019. Accademia Italiana Medici Specializzandi - AIMS s.r.l. ISBN: 978-88-3341-036-4
- **Manuale delle Regole Mnemotecniche AIMS;** 2019. Accademia Italiana Medici Specializzandi - AIMS s.r.l. ISBN: 978-88-3341-046-3
- **Manuale di Pneumologia e Chirurgia Toracica;** 2019. Accademia Italiana Medici Specializzandi - AIMS s.r.l. ISBN: 978-88-3341-015-9
- **Esame commentato SSM18;** 2018. Accademia Italiana Medici Specializzandi - AIMS s.r.l. ISBN: 978-88-3341-031-9

Conferences

- 09-11 Oct 2019, Yokohama (JP): International Conference on Sarcoidosis and Interstitial Lung Diseases (WASOG)*
- Oral presentation: "Prevalence of Obstructive Sleep Apnea Syndrome in Sarcoidosis and Impact of CPAP Treatment on Associated Fatigue Status: the SARCOIDOSAS trial"

- Oral Presentation: "*Heart Rate Variability in Sarcoidosis and Effect of Obstructive Sleep Apnea Syndrome in Autonomic Dysfunction Analysis*"

28 Sept - 03 Oct 2019, Madrid (ES): **European Respiratory Society (ERS)** Poster Discussion: "*Interstitial pneumonia with autoimmune features (IPAF): a clinical entity?*"

- Challenge Clinical Cases: "*Alemtuzumab-induced alveolar hemorrhage in relapsing-remitting Multiple Sclerosis: learning from adversity*"
- Thematic Poster: "*Impact of comorbidities in interstitial pneumonia with autoimmune features (IPAF)*"
- Poster Discussion: "*Interstitial Pneumonia with Autoimmune Features: a clinical entity?*"

17-22 May 2019, Dallas Tx (US): **American Thoracic Society (ATS)**

- Symposium: "*Epidemiology and Effect of Therapy in Patients with IPAF*"
- Thematic Poster: "*Health Related Quality of Life and Biomarker Levels in Patients with IPF*"

11-13 Apr 2019, Marseille (FR): **European Sleep and Breathing Conference**

- Thematic Poster: "*Determinants and evolution of obstructive sleep apnea syndrome after myocardial infarction*"

Nov 2017 - ongoing: **Update in ... Medicina e Chirurgia**

- *Supervisor*: Supervisor of several Continuing Medical Education-CME conferences all over the country hosted by Accademia Italiana Medici Specializzandi (AIMS) Srl Group.

Sept 2017 - ongoing, UCSC, Rome (IT): **The challenge of Pulmonary Fibrosis: where are we and where are we going?**

- *Speaker*: Active clinical cases discussion and lectures in a monthly institutional course with international pulmonologists focused on Idiopathic Pulmonary Fibrosis and other Interstitial Lung Diseases

Jun 2017, UCSC, Rome (IT): **Interstitial Lung Disease: Advanced Preceptorship Program**

- *Speaker*: "Tips and tricks in ILD: Disease Classification"

Seminar Abstracts

- *Prevalence of Obstructive Sleep Apnea Syndrome in Sarcoidosis and Impact of CPAP Treatment on Associated Fatigue Status: the SARCOIDOSAS trial*; **PV Mari**, G. Pasciuto, M. Siciliano, J. Simonetti, F. Ballacci, PM Leone, F. Macagno, B. IOvene, F. Martone, L. Richeldi. WASOG 2019, Yokohama, Jp.
- *Heart Rate Variability in Sarcoidosis and Effect of Obstructive Sleep Apnea Syndrome in Autonomic Dysfunction Analysis*; **PV Mari**, V. Melita, G. Pasciuto, J. Simonetti, M. Siciliano, F. Ballacci, GM Corbo, GA Lanza, F. Crea, L. Richeldi. WASOG 2019, Yokohama, Jp.
- *Alemtuzumab-induced alveolar hemorrhage in relapsing-remitting Multiple Sclerosis: learning from adversity*; **PV Mari**. 6B CCC Challenging Clinical Cases/ILDs/07:45/SESSION 375. European Respiratory Society (ERS) 2019. Madrid, Es.
- *Interstitial pneumonia with autoimmune features (IPAF): a clinical entity?* **PV. Mari**, S. Kay, E. Belloli, J.S.V. Sheth, M.L. Salisbury, C. Holtze, B. Wang, J.L. Myers, K. Konopka, A. Lagstein, E. Kazerooni, A. Chughtai, D. Vummidi, V. Nagaraja, D. Khanna, K.R. Flaherty, L. Richeldi, E.S. White. RETIRO THE WORLD OF IPF/Poster Discussion Session/Sunday, 29/14:45-16:45/SESSION 189. European Respiratory Society (ERS) 2019. Madrid, Es.
- *Impact of comorbidities in interstitial pneumonia with autoimmune features (IPAF)*; **PV. Mari**, S. Kay, E. Belloli, J.S.V. Sheth, M.L. Salisbury, C. Holtze, B. Wang, J.L. Myers, K. Konopka, A. Lagstein, E. Kazerooni, A. Chughtai, D. Vummidi, V. Nagaraja, D. Khanna, K.R. Flaherty, L. Richeldi, E.S. White. TP-38 COMORBIDITIES OF IPF/Thematic Poster Session/Sunday, 29/12:50-14:40/SESSION 134. European Respiratory Society (ERS) 2019. Madrid, Es.
- *Health Related Quality of Life and Biomarker Levels in Patients with IPF*; S. Kay, **PV. Mari**, M. Xia, S. Murray, E. Belloli, M.L. Salisbury, J.S.V. Sheth, B. Wang, C. Holtze, F.J. Martinez, K.R. Flaherty,

E.S. White. D-103 IDIOPATHIC INTERSTITIAL PNEUMONIAS: NATURAL HISTORY AND PROGNOSIS/Poster Discussion Session/Wednesday, May 22/1:30-3:30PM/Room C140/C142 (Level 1), KBHCCD. American Thoracic Society (ATS) 2019. Dallas, Tx.

- Epidemiology and Effect of Therapy in Patients with IPAF; **PV. Mari**, S. Kay, E. Belloli, J.S.V. Sheth, M.L. Salisbury, C. Holtze, B. Wang, J.L. Myers, K. Konopka, A. Lagstein, E. Kazerooni, A. Chughtai, D. Vummidi, V. Nagaraja, D. Khanna, K.R. Flaherty, L. Richeldi, E.S. White. B-17 ADVANCES IN ILD THERAPY/Mini Symposium/Monday, May 20/9:15-11:15 AM/Room C155-C156 (Level 1), KBHCCD. American Thoracic Society (ATS) 2019. Dallas, Tx.
- Determinants and Evolution of Obstructive Sleep Apnea Syndrome After Myocardial Infarction; Diana D, **Mari PV**, Melita V, Niccoli G, Lanza GA, Rebutti A, Richeldi L, Mormile F. ERJ Open Res. 2019;5(suppl 3): P113. doi:10.1183/23120541.sleepandbreathing-2019.p113
- Feasibility, safety and validity of Chair Stand Tests in ILD patients; Leone PM, Sgalla G, Capone F, **Mari PV**, Macagno F, Iovene B, Varone F, Richeldi L. International Colloquium on Lung and Airway Fibrosis (ICLAF) 2018.

Courses *Nov, 2019: Ironmen 2019: Metodologia della Ricerca Scientifica in Medicina* (Domus Australia, Rome IT)

Skill workshop in biomedical statistics with software training in: reference manager (Zotero, Endnote, Mendeley), medical writing (Scrivener), database management (Filemaker), meta-analysis (Comprehensive Meta-analysis - CMA), statistical software packages (SPSS, STATA, SAS).

Oct, 2019: Epidemiology and Medical Statistics (Catholic University of the Sacred Heart, Rome IT)

Biomedical statistics course focused on: clinical trial design, descriptive / inferential statistics (hypothesis test, linear and multiple regression, logistic regression, Odds Ratio and Hazard Ratio, sample size calculation)

July, 2019: Summer school of adult respiratory medicine (European Respiratory Society, ERS Course, Barcelona, ES)

The Summer school of adult respiratory medicine is intended to provide a comprehensive overview of each of the major fields of respiratory medicine based on the HERMES syllabus. This course is aimed at all respiratory professionals wishing to update their knowledge, particularly those preparing for the European examination in adult respiratory medicine. The programme is designed to challenge participants and provide a learning framework including interactive sessions and MCQ discussion sessions.

May, 2019: Asthma: State of The Art (American Thoracic Society, ATS Postgraduate Course, Denver TX, USA)

This postgraduate course will provide a comprehensive review of the latest knowledge on asthma pathogenesis, clinical science and therapy. New updates and practical management considerations will be presented in this postgraduate course. We propose to have a journal club small group breakout

Jun, 2018: Theoretical and practical training course in Chest Ultrasound (Catholic University of the Sacred Heart, Rome IT)

Key elements of pulmonary and critical care ultrasonography, image acquisition on human models, diagnosis and management in a hands-on learning environment using human models and simulators

Oct, 2017: Training course in non-invasive mechanical ventilation: from critical care unit to home (Catholic University of the Sacred Heart, Rome IT)

Lectures and practical experience of running both acute and domiciliary non-invasive ventilation services, ability to face and overcome several factors influencing NIV outcome, in patients with high complexity and updates about new trends and future perspectives of Non Invasive Ventilation

Sept, 2017: Difficult airway management in the Intensive Care Unit (European Respiratory Society, ERS Skill Workshop, Milan IT)

This Skill Workshop aims at providing an opportunity to receive hands-on training in managing difficult airways with supraglottic devices, fiberoptic techniques and video-assisted intubation.

Honours and awards

May, 2015: "**Bartolomeo Eustachio**" Award

Awarded for being the youngest, top grade MD of Macerata Medical Council (2015)

May, 2019: (ATS) **American Thoracic Society Abstract Scholarship**

Abstract Scholarship provided by the ATS and based on the quality, as reviewed by the Assembly on Clinical Problems Program Committee Chair

Memberships

- American Thoracic Society (**ATS**): Member #00325640
- European Respiratory Society (**ERS**): Member #388983
- World Association for Sarcoidosis and Other Granulomatous Disorders (**WASOG**): Member
- Società Italiana di Pneumologia (**SIP**): Member
- Amici Contro la Sarcoidosi, Italia (**ACSI**): Member

Citations

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- Web of Science ResearcherID: **Y-8169-2019**
- Scopus AuthorID: **57194524205**