

## PERSONAL INFORMATION

## Gianluca Villa

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Sex Male | Date of birth 27/03/1985 | Nationality Italian

## WORK EXPERIENCE

- 09/2018–Present **Clinical Researcher in Anesthesiology, Intensive Care and Pain Medicine**  
University of Florence  
RTD type B (Italian Law 240/10)
- 08/2016–09/2018 **Clinical researcher in Anaestehsiology, Intensive Care and Pain Medicine**  
University of Florence  
RTD type A (Italian Law 240/10)
- 07/2015–08/2016 **Research fellow at the Department of Health Science, Section of Anaesthesiology, Intensive Care and Pain Therapy, University of Florence.**  
University of Florence, Florence (Italy)  
Fellowship program: Extracorporeal blood purification therapies in the intensive care unit and perioperative medicine: effects on immunological and inflammatory homeostasis in surgical and critically ill patients.  
Scientific advisor: Prof. A.R. De Gaudio
- 01/01/2014–31/12/2014 **Research Fellow at the International Renal Research Institute of Vicenza**  
Prof. Claudio Ronco, Vicenza (Italy)  
During the fellowship program, the research activity was focused on ingegneristic and clinical evaluations of extracorporeal blood purification therapies used for critical ill patients in the intensive care unit (CRRT, ECCO2R, etc).  
During the same period the Italian version of KDIGO guideline has been implemented and published with the endorsement of national societies as the Italian Society of Nephrology (SIN), Italian Society of Analgesia, Anaesthesia, Rianimation and Intensive care (SIAARTI) and Italian Society of Intensive Care (SITI).  
Finally, the definition and nomenclature standardization for ingengeristic, clinical and research purposes during renal replacement therapy have been implemented and further validated through a consensus conference held in Vicenza by the Nomenclature Standardization Alliance.
- 06/2016–06/2016 **Active member and Stereeing Committee of the Acute Disease Quality Initiative International Consensus Conference, ADQI 17**  
University of Florence, Florence (Italy)
- 01/2014–Present **Active member and Steering Committee of the International research group "Nomenclature Standardization Initiative (NSI) alliance", for the standardization of definitions and nomenclature for continuous renal replacement therapies in the intensive care unit**  
University of Florence, Florence (Italy)

- 01/2014–12/2015 **Active member and Steering Committee for the National research group SIAARTI-SITI-SIN for the "Italian Guidelines for prevention, diagnosis and treatment of acute kidney injury"**  
University of Florence, Florence (Italy)
  
- 06/2009–10/2010 **Medical assistant to Principal Investigator and Clinical Monitor for the National Multicenter Prospective Observational study SIFT "Septex in Florence Study"**  
University of Florence, Florence (Italy)  
"<https://www.ncbi.nlm.nih.gov/pubmed/28207795>"
  
- 01/2014–01/2015 **Medical assistant to Principal Investigator and Clinical Monitor for the International Multicenter Prospective Observational study "Euphas: Polymyxin-B hemoperfusion in septic patients"**  
International Renal Research Institute of Vicenza, Florence (Italy)
  
- 08/2016–Present **Assistant Professor in Anaesthesiology, Intensive Care and Pain Medicine**  
University of Florence  
Assistant Professor for the following courses:
  - Master in Clinical Competence in Cardiac Intensive Care Unit
  - Postgraduate school in Anaesthesiology, Intensive Care and Pain Medicine
  - Clinical nurse
  - Odontostomatology
  - Clinical psychology
  - Social assistant

**EDUCATION AND TRAINING**

- 01/10/2017–Present **Master in Biostatistic for clinical research**  
University of Padua
  
- 14/03/2015 **Postgraduate degree in Anesthesiology and Intensive Care, at the University of Florence, Florence, Italy** 70/70 com laude
  
- 22/07/2009 **Medical Degree at the University of Florence, Florence, Italy** 110/110 cum laude
  
- 1998–2003 **High School graduation, Liceo scientifico Galileo Galilei, Palermo, Italy** 100/100

**PERSONAL SKILLS**

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
[Common European Framework of Reference for Languages - Self-assessment grid](#)

Communication skills Invited Speaker in National and International Congress:

- 24° SMART, Simposio Mostra Anestesia Rianimazione e Terapia Intensiva. (2013) "Continuous renal replacement therapy in septic patients with acute kidney injury: effects on procalcitonin and C-reactive protein".
- 26° National Congress of the Italian Society of Intensive Care (2013) "Clearance of Linezolid in septic patients with acute renal failure undergoing hemodialysis with high cut-off membranes.
- 9° International Workshop Respiratory Intensive Care Unit: Up-Date in Respiratory Critical Medicine. (2014) "Patients with chronic respiratory failure in the hospital care"
- International Symposium on Acute Kidney Injury; Arual Medicina De Reanimacion and International Renal Research Institute of Vicenza (2014). "Blood purification in septic patients."
- European Association of Cardiothoracic Anaesthesiologists (EACTA) and 14th International Congress on Cardiovascular Anesthesia (ICCVA 2014); EACTA-ICCVA."Monitoring AKI: suggesting appropriateness in biomarkers use"
- National Congress of the Italian Society of Intensive Care (2014) "Italian KDIGO guidelines"
- 33° Vicenza Course on Critical Care Nephrology. (2015) "High cut off membranes."
- 27° National Congress of the Italian Society of Intensive Care (2015)  
"Palliative care: Adequacy, perceptions and objective scoring systems"
- 27° SMART, Simposio Mostra Anestesia Rianimazione e Terapia Intensiva. (2016) "Acute kidney injury and renal replacement therapy, the role of membranes"
- 34° Vicenza Course on Critical Care Nephrology. (2016) "Genetic and Phenotypic Patterns and Blood Purification"
- National Congress of the Italian Society of Intensive Care (2016) "Role of immunophenotyping in critical care patients" & "Perception of care in the ICU: The role of cultural attitudes"
- Particles in Injectables Conference. (2017)"In-Line Filtration Reduces Postoperative Phlebitis: a Randomized Clinical Trial on Abdominal Surgical Patients"
- 28° National Congress of the Italian Society of Intensive Care. (2017) "Consent forms in the not-competent patients" & "Blood purification therapies and immune system"
- GAVeCeLT international congress. (2017) "Vascular access for ultrafiltration: which and how" & "In-line filtration reduces peripheral phlebitis in postoperative surgical patients"

Organisational / managerial skills

Principal investigator for the national research program "Immunological assessment in asplenic patients after perioperative vaccination against capsulated microorganisms".

Principal investigator for the national research program "oXiris NET registry".

Job-related skills

Associate Editor for the following International Peer-reviewed journals:  
Blood Purification  
BMC Anaesthesiology

Reviewer for the following International Peer-reviewed journals:  
International Journal of Case Reports and Images  
Critical Care  
PLOS ONE  
Nephron  
BMJ Open  
Pathogens and Global Health

Driving licence

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ADDITIONAL INFORMATION

Publications

<https://pubmed.ncbi.nlm.nih.gov/?term=Villa+Gianluca+%5BAuth%5D&sort=date>

**Scientific memberships**

- Società Italiana di Anestesia Rianimazione e Terapia Intensiva, SIARTI.
- Società Italiana di Terapia Intensiva, Italian Society of Intensive Care (ISIC)
- European Society of Intensive Care Medicine, ESICM.
- Società Ex-Allievi della Scuola di Specializzazione in Anestesia e Rianimazione di Firenze, SEA.

**Honours and awards**

- Scientific award "International Renal Research Institute of Vicenza (IRRIV) 2014"
- Scientific award "Tuscany Rising Stars 2015"
- Honours for clinical and scientific results obtained during the postgraduate school in Anaesthesiology and Intensive Care at the University of Florence (2015)
- SMART "III Best Abstract Award 2016"
- Award "Safety and Quality day 2016" for the project Active Role of Family members in the ICU: effects on depression, anxiety, stress and perception of care.

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