

## Curriculum Vitae Irene Cecchi

### Personal details

Born in Milan (MI), 5th June 1986

Nationality: Italian

Email: irene.cecchi@unito.it

ORCID ID: <https://orcid.org/0000-0002-1858-5452>

### Education

- December 2014 - December 2019: specialization in Clinical Pathology. Thesis: 'Clinical and Molecular Profiling of Patients with Antiphospholipid Syndrome: Beyond Current Classification Criteria'. Graduated with honors (70/70 cum laude). Department of Clinical and Biological Sciences, University of Turin, Corso Raffaello 30, 10125 Turin (Italy) and Regione Gonzole 10, 10043 Orbassano (Italy).

- From 2014 to 2021: post-graduate training at Center of Excellence for Nephrological, Rheumatologic and Rare Diseases, CMID - Nephrology and Dialysis, San Giovanni Bosco Hospital, Piazza del Donatore di Sangue 3, 10154 Turin (Italy).

- October 2016 - November 2017: internship at the Basic Research Laboratory 'IMIBIC - Instituto Maimónides de Investigación Biomédica de Córdoba - Hospital Universitario Reina Sofía' Research group: GC-05 'Systemic Autoimmune and Chronic Inflammatory Diseases of the Musculoskeletal System and Connective Tissue', Av. MenéndezPidal, s/n, 14004 Córdoba, Spain.

- March 2013: degree in Medicine and Surgery. Thesis 'Streptococcus and neurological diseases in childhood: therapeutic and diagnostic implications'. Graduated with honors (110/110 cum laude). University of Rome 'Sapienza', I Facoltà di Medicina e Chirurgia, Piazzale Aldo Moro 5, 00185 Rome, Italy.

### Professional experiences and current position

- February 2022 (ongoing): assistant Professor (RTDA) at the Department of Clinical and Biological Sciences, MED/05 – Clinical Pathology, University of Turin, Corso Raffaello 30, 10125 Turin (Italy) and Regione Gonzole 10, 10043 Orbassano (Italy).

- February 2022 (ongoing): consultant at the Center of Excellence for Nephrological, Rheumatologic and Rare Diseases, CMID - Nephrology and Dialysis, San Giovanni Bosco Hospital, Piazza del Donatore di Sangue 3, 10154 Turin (Italy).

- November 2019 (ongoing): PhD Candidate – PhD Programme in Complex Systems for Life Sciences, University of Turin, Turin (Italy).

### Honors

- SIR Award "7th international Congress on Controversies in Rheumatology & Autoimmunity-CORA".

- Graham Hughes International Charity Award for the oral presentation 'Clinical and serological Characteristics of ANA-positive versus ANA-negative antiphospholipid antibody-positive patients without other systemic autoimmune diseases: results from the APS Action Clinical Database and Repository'. 17th international congress on antiphospholipid antibodies (ICAPA) 2022, Cordoba, Argentina.

- Graham Hughes International Charity Award for the abstract entitled 'Anti-high-density lipoproteins antibodies as novel biomarker for arterial events in thrombotic antiphospholipid syndrome patients'. The 16th International Congress on Antiphospholipid Antibodies 2019, Manchester, UK.

- SER Award 2019 for the best Rheumatoid Arthritis paper published in 2018 'Neutrophils: Novel key players in Rheumatoid Arthritis. Current and future therapeutic targets'. Cecchi I, Arias de la Rosa I, Menegatti E, Roccatello D, Collantes-Estevez E, Lopez-Pedrerera C, Barbarroja N. Annual National Congress of SER (Sociedad Española de Reumatología), 2019, Valencia Spain.

- SER Award 2019 for the best basic science paper published in 2018 'Defective glucose and lipid metabolism in rheumatoid arthritis is determined by chronic inflammation in metabolic tissues'. Arias de la Rosa I, Escudero-Contreras A, Rodríguez-Cuenca S, Ruiz-Ponce M, Jiménez-Gómez Y, Ruiz-Limón P, Pérez-Sánchez C, Ábalos-Aguilera MC, Cecchi I, Ortega R, Calvo J, Guzmán-Ruiz R, Malagón MM, Collantes-Estevez E, Vidal-Puig A, López-Pedrerera C, Barbarroja N. Annual National Congress of SER (Sociedad Española de Reumatología), 2019, Valencia Spain.

- SER Award 2019 for the best autoimmune systemic disease paper published in 2018 'Circulating microRNAs as biomarkers of disease and typification of the atherothrombotic status in antiphospholipid syndrome'. Perez-Sánchez C, Arias-de la Rosa I, Aguirre MA, Luque-Tévar M, Ruiz-Limón P, Barbarroja N, Jiménez-Gómez Y, Ábalos-Aguilera MC, Collantes-Estévez E, Seguí P, Velasco F, Herranz MT, Lozano-Herrero J, Hernandez-Vidal MJ, Martínez C, González-Conejero R, Radin M, Sciascia S, Cecchi I, Cuadrado

MJ, and López-Pedrerá C. Annual National Congress of SER (Sociedad Española de Reumatología), 2019, Valencia Spain.

- 'Kedrion Award' at the XXI Congress of Immunopathology and Rare Diseases, 2018, Turin, Italy.

- 'Best five oral communications' for the abstract entitled 'Clinical utility of the Adjusted Global Anti Phospholipid Syndrome Score (aGAPSS) for risk stratification of thrombotic recurrence in a cohort of young adult APS patients'. Cecchi I, Radin M, Schreiber K, Cuadrado MJ, Perez-Sanchez C, Lopez-Pedrerá C, Roccatello D, Sciascia S. XXX SIAAIC National Congress, 2017, Florence, Italy.

### **Teaching activity**

- Patologia clinica e medicina trasfusionale - D.M. 270/04 - 2022/2023 (Canale A) (MED3035C). Corso di Laurea in Infermieristica - A.O.U. Città della Salute e della Scienza di Torino.

- Patologia e diagnostica di laboratorio (Canale A) - D.M. 270/04 - 2022/2023 (MED3035). Corso di Laurea in Infermieristica - A.O.U. Città della Salute e della Scienza di Torino.

### **Research main topics**

Connective tissue diseases, antiphospholipid syndrome, reproductive immunology, rheumatic diseases, autoimmunity, precision medicine, green technologies, green transition, sustainability.

### **Main Projects as PI**

- From 2022 (ongoing): PI in the project titled 'Elaborazione di strumenti di analisi e nuove strategie per una maggiore sostenibilità in ambito sanitario' financed by Grant for Internationalization – GFI, M.U.R. and University of Turin (Italy).

- From 2019 (ongoing): PI in the project titled 'integrated analysis of serological biomarkers for the early detection of pregnancy morbidity in women with connective tissue diseases'. PhD Programme in Complex Systems for Life Sciences, University of Turin, Turin (Italy).