



## **Sanguinetti Maurizio**

**Born** 23/06/1966

Full Professor of Microbiology

Director, Institute of Microbiology and Division of Clinical Microbiology, Catholic University of Sacred Heart

Director, Department of Laboratory Sciences and Infectious Diseases, Fondazione Policlinico Universitario "A. Gemelli", Rome, Italy

### **Education**

1985-1991 Medical School, Catholic University of Sacred Heart, Rome, Italy

1991-1996 Specialist of Microbiology and Virology, Catholic University of Sacred Heart, Rome, Italy

### **Professional Experience**

2003 - 2011 Associate Professor of Microbiology, Catholic University of Sacred Heart, Rome, Italy

2011 - Now Full Professor of Microbiology, Catholic University of Sacred Heart, Rome, Italy

1996 - 2011 Chief of the Mycology Lab of the Division of Clinical Microbiology, "A. Gemelli" Hospital, Rome, Italy

2011 - Now Director of the Institute of Microbiology, Catholic University of Sacred Heart, Rome, Italy

2011 - Now Chief of the Division of Clinical Microbiology, "A. Gemelli" Hospital, Rome, Italy

2014 – Now Chief of the Department of Laboratory Sciences and Infectious Diseases - Fondazione Policlinico Gemelli – Università Cattolica del S. Cuore, Rome, Italy

**Honors and Offices:** Secretary of the ESCMID Invasive Fungal Infections Study Group (EFISG) (2010 - 2016); Member of the ESCMID Educational Subcommittee (2013 - 2016); Member of the ESCMID Executive Committee (2015 - now); Professional Affairs Officer of ESCMID (2015 – 2018); President Elect of ESCMID (2018-2020); President of ESCMID (2020-now); Member of the Executive Committee of the Italian Society of Microbiology (SIM) (2013 - 2019); Member of the Executive Committee of the Association of the Italian Clinical Microbiologists (AMCLI) (2014 - now). ESCMID Fellow.

**Memberships:** Italian Society of Microbiology (SIM), Association of the Italian Clinical Microbiologists (AMCLI), ISHAM, ASM, ESCMID.

**Editor:** Scientific Reports (2019 - now), International Journal of Microbiology (2013 - now), Frontiers in Microbiology (2018 - now), Journal of Chemotherapy (2009 - now), and Mycoses (2015 - now)

**Editorial Boards:** Antimicrobial Agents and Chemotherapy, Journal of Clinical Microbiology, Journal of Chemotherapy, International Journal of Microbiology, Scientifica, Journal of Chemotherapy, and Mycoses

**Publications:** 498, *h*-index 75 (Google Scholar), 62 (Scopus) and 57 (ISI) and, from 2012, is included among the "Top Italian Scientists" .

**Research Interests:** His research interests range from the development of molecular methods for rapid diagnosis of bacterial, mycobacterial and fungal infections to the elucidation of virulence and antimicrobial resistance traits in *Cryptococcus*, *Candida*, and *Enterococcus*, and the characterization of the human microbiota in relationship to human diseases.

### **Grants and projects**

He received grants from the Italian National Institute of Health:

- I, II, III, IV, and V National Programs of Research on AIDS, with the project “Diagnosi molecolare delle infezioni fungine e controllo delle resistenze agli antimicotici”,

Italian Foundation for the Research on Cystic Fibrosis:

- 2005 and 2007 Projects: “*Stenotrophomonas maltophilia*, un patogeno emergente ed antibiotico-resistente associato alla fibrosi cistica: un approccio post-genomico verso l'identificazione di nuovi bersagli immunologici e terapeutici”,

Italian Ministry of the Research:

- I Progetto FIRB, Programma Strategico Post-genoma: “Studio dell'ecosistema biofilm come strategia di sopravvivenza dei microrganismi: relazione tra variabilità genetica e capacità di produrre biofilm. Ricadute medico-sanitarie: infezioni protesiche, profilassi, cronicizzazione delle infezioni, nuove resistenze, rapporto parassita-ospite. Individuazione di bersagli molecolari del biofilm, sviluppo di molecole farmacologicamente innovative, strategie terapeutiche combinate inedite, uso di vaccini a DNA, ruolo dei farmaci immunomodulanti”;
- I Progetto FIRB, Programma Strategico Post-genoma: “Sviluppo di molecole innovative per potenziare la risposta immune cellulo-mediata, e di vaccini peptidici e a DNA per l'immunoterapia della Tuberculosis”;
- PRIN 2007: “Infezioni fungine in pazienti ematologici con mielodisplasia: studi *in vitro* sulla funzionalità dei neutrofili e metodi molecolari diagnostici innovativi”;
- Programma Operativo Nazionale Ricerca e Competitività 2007-2013: “Progetto MICROMAP, Sviluppo di una piattaforma tecnologica multiplex per diagnostica molecolare, portatile ed automatizzata, basata sulla logica strumentale del Lab-on-chip, in grado di consentire applicazioni multiparametriche in campo infettivologico”; Fondo per la Crescita Sostenibile
- Bando “HORIZON 2020” PON I&C 2014-2020, Prog. n. F/050258/01-03/X32: “Nuovo dispositivo per la diagnostica microbiologica rapida nella sepsi (SEPSCAN)”;
- POR FESR Lazio 2014 - 2020. Progetto T0002E0001 - A0112. Avviso Pubblico “LIFE 2020”: “Sviluppo di un dispositivo per la diagnostica molecolare delle infezioni respiratorie e delle farmaco-resistenze”

Fondazione Roma:

- Call 2015, project: “Gut microbiota characterization and role assessment in elderly patients with alcoholic liver disease”.

Maurizio Sanguinetti



Roma, 24-02-2021

Autorizzo il trattamento dei dati personali ai sensi del regolamento UE 679/2016