

## **Sanguinetti Maurizio**

**Born** 23/06/1966

Full Professor of Microbiology

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

### **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**

1996 - 2003 Assistant Professor of Microbiology, Catholic University of Sacred Heart, Rome, Italy

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

**Honours and Offices:** Member of the European Conference on Infections in Leukemia (ECIL) Laboratory Working Group (2009); Secretary of the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) Invasive Fungal Infections Study Group (EFISG) (2010 - 2016); Representative of the Italian Society of Human and Animal Mycology at the European Confederation of Medical Mycology (ECMM) (2011 - now); Member of the ESCMID Educational Subcommittee (2013 - 2016); Member of the ESCMID Executive Committee (2015 - now); Member of the Executive Committee of the Italian Society of Microbiology (SIM) (2013 - now); Member of the Executive Committee of the Association of the Italian Clinical Microbiologists (AMCLI) (2014 - now).

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

**Editor:** Asian-Pacific Journal of Microbiology Research (2013 - now), International Journal of Microbiology (2013 - now), Scientifica (2013 - now), Journal of Chemotherapy (2009 - now), and Mycoses (2015 - now)

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

**Publications:** 185 (179 peer-reviewed and in English), *h*-index 47 (Google Scholar), 39 (Scopus) and 37 (ISI) and, from 2012, is included among the "Top Italian Scientists" (Via-Academy).

**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"), from the 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"), from the 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"), and from "Fondazione Roma" (Project title "Gut microbiota characterization and role assessment in elderly patients with alcoholic liver disease").