

# EUROPEAN CURRICULUM VITAE

## *European format*

### PERSONAL INFORMATION

<b>Name</b>	Vittorio SAMBRI
<b>Address</b>	
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<b>E-mail</b>	
<b>Nationality</b>	
<b>Date of birth</b>	

### WORK EXPERIENCE

<b>Dates (from to)</b>	<p>From January 9<sup>th</sup>, 1990 to January 6<sup>th</sup>, 2004: St. Orsola- Malpighi University Hospital in Bologna. During this period Dr Sambri served as Assistant Physician in the Unit of Clinical Microbiology of this Hospital</p> <p>From January 7<sup>th</sup> 2004 until December 17<sup>th</sup>, 2012 Dr Sambri held a position as Professor of Microbiology and Clinical Microbiology at the Medical School of the University of Bologna, Bologna, Italy. He presently holds the position of Director, Unit of Microbiology, The Greater Romagna Hub Laboratory, Pievesestina (Cesena, Italy).</p>
<b>Name and address of the company</b>	09/01/1990 – 06/01/2004: St. Orsola Malpighi Hospital in Bologna - Public Health care
<b>Type and field of activity</b>	<p>07/01/2004 – 17/12/2012: University of Bologna – Medical School. Teaching and Research. Health care</p> <p>17/12/2012 – today: Director, Unit of Microbiology, The Greater Romagna Hub Laboratory, Pievesestina (Cesena, Italy). Public Health Care</p>
<b>Principal subjects-occupational skills covered</b>	<p>From 1990 to 2004 Dr Sambri worked as Assistant Physician in the Laboratory of Clinical Microbiology at the St. Orsola Hospital, in the Section of serology and virology. His main interest was the immune response to chlamydial and spirochaetal infections, including syphilis. From 2004 to 2009 Dr Sambri has been Chief of the Section of Bacteriology in the same Laboratory, where he coordinated 14 laboratory technicians and 2 Staff physicians and 2 Staff biologists. During this period, Dr Sambri main goal was the introduction of innovative laboratory methods in the lab routine work, and in particular several different molecular techniques has been assessed for the rapid diagnosis of fungal and bacterial nosocomial and community acquired infections. Dr Sambri has also brought to the daily routine work innovative methods for the evaluation of the antimicrobial sensitivity of bacteria and fungi. Meanwhile, since 2003 he has been appointed the role of Chief of the laboratory of the Regional Reference Centre for Emerging Infections (CRREM) of the Emilia Romagna Region. From 2009 until 2012 Dr Sambri had only this last position: in the CRREM Laboratory Dr Sambri was coordinating 5 Staff Biologists and 5 laboratory technicians. The CRREM laboratory was one fulcrum for the nation wide surveillance activity on emerging infections: two main areas are covered by this laboratory. The first is that of vector-borne infections (with a large involvement in blood and organs donation safety) and the second is that of emerging nosocomial infections such as MDR bacterial diseases and Clostridium difficile associated disease.</p>

<b>Title of qualification awarded</b>	<p>Dr Sambri was head of the CRREM Laboratory in the St.Orsola Malpighi University and Associate Professor of Microbiology, University of Bologna. This position implies the management of funds (mean funding raised in the last 4 years was about 400.000 €/ years, either from public and private agencies), the coordination of research activities and the coordination of surveillance for all the emerging threat to public health in the Area. In this respect the CRREM lab is networking with national (Public Health Authority of the Emilia Romagna region, National Center for Organ Transplant in Rome, National Center for Blood Donations in Rome, National Institute for Infectious Disease in Rome, National Institutes of Health in Rome) and International partners (ECDC in Stockholm, European Network for Imported Viral Diseases – ENIVD - in Berlin). Dr Sambri is a member of the Hospital Committee for the Control of Hospital Acquired Infections, where his particular role is that of designing strategies for the surveillance and control of emerging infections such as MDR and <i>C.difficile</i>. Dr Sambri is also teaching Microbiology and Clinical Microbiology in several undergraduate (Medicine and Nursing) and post graduate courses at the Medical School, University of Bologna.</p> <p>He presently (since 2012) directs the Unit of Microbiology, the Greater Romagna Area Hub Laboratory that serves 1.250.000 inhabitants and 11 hospitals for a total of about 4400 beds. The unit includes 55 staff and has a budget of about 15 M € per year. The Unit performed in 2019 some 1,2 Million test in all the branches of Microbiology. Since March 2020, Dr Sambri has been selected as the coordinator of the network of regional (presently 9) laboratories involved in the molecular and serological diagnosis of COVID-19. This network has in place 10 different molecular methods and some 14 (some still under evaluation) serological different test. The diagnostic capacity of this network is some 20.000 RT PCR/day and more than 15.000 antibody detection per day.</p>
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#### EDUCATION AND TRAINING

<b>Name and type of organization providing education and training</b>	PhD in Microbiology (summa cum laude), University of Genoa: 1991. MD degree (summa cum laude), University of Bologna: 1985. High School (liceo Scientifico) certification, Liceo "A. Righi" in Bologna (49/60): 1979.
<b>Main subjects and professional skills related to the education awarded</b>	High School: Mathematics, Physics, Biology, Latin. University: Medicine PhD: Microbiology
<b>Title and professional qualification obtained</b>	Dr Sambri is today Professor of Microbiology, The University of Bologna.
<b>Level in national classification ( if applicable ) Livello nella classifica nazionale ( se pertinente )</b>	Based on the level of scientific publications in the field Dr Sambri's work is ranked in the upper 15% of the Italian Clinical Microbiologists.

#### PERSONAL SKILLS AND EXPERTISE

From March 8<sup>th</sup>, 1987 to March 7<sup>th</sup>, 1988 Dr Sambri served in the Italian Army as a Medical officer (Lieutenant) in the tank battalion "Calzecchi": during this period Dr Sambri participated to many training operative field missions in Italy.

From September 1<sup>st</sup>, 1988 to May 31<sup>st</sup>, 1989 he attended the Laboratory of the ID Division, the University of California at Los Angeles under the supervision of Michael A. Lovett working on genetic transformation of spirochetes.

He recently worked on the application of molecular methods to the diagnosis of sepsis: in particular his work focused on the possibility to achieve a rapid and accurate diagnosis of blood stream infection in neonates and neutropenic patients. One of his most recent research field is the introduction of automation in the microbiology Laboratory and the use of molecular methods for the detection of bacterial and fungal systemic infections.

He has been recently involved in the research and diagnostic work related to the outbreak of Chikungunya fever and West Nile virus that hit the Emilia Romagna Region during the recent years.

Dr Sambri Lab is presently involved also in the "FluNet", the Italian laboratories network that actively survey the diffusion of the swine A/H1 virus.

Dr Sambri has organized the "1<sup>st</sup> Conference of the European Society for Chlamydia Research, Bologna, 1988; and the "6th International Conference on Lyme Borreliosis", Bologna, 1994. He attended seven times the Gordon Research Conference on Biology of Spirochetes. He is a member of the Board for the International Conference on Lyme Borreliosis since 1996, of the MC of the EU COST Action 855, of the Italian Society for Microbiology (SIM), of the Italian Association of Clinical Microbiologists (AMCLI) and of the ENIVD. Since December 2008, Dr Sambri has been elected vice-President of APSI (Association for the Study of the Infections). Dr Sambri is a member of the Romagna Health Authority Committee for HAI and antibiotic drug resistance and Editor in Chief of Microbiologia Medica, the official Journal of the Italian Association of Medical Microbiologists (AMCLI). He has been PI and/or member of SAB for several different national and international (EU FP7) research projects, among which PREDEMICS and VECTORIE. He presently acts as PI of four on going research projects related to the development of new diagnostic test for COVID 19 and as co PI for four additional projects more clinically oriented. He has recently coordinated a research project (BSI\_2015) dedicated to the clinical assessment of a novel molecular diagnostic methods for the microbiological diagnosis of sepsis that involved 300 patients. His work resulted in more than 180 scientific publications in international Journals. Dr Sambri was selected as a reviewer for many Journals, including Clinical

Infectious Diseases, The Journal of Infectious Diseases, Journal of Infection, The Journal of Medical Microbiology, British Journal of Hematology, PLoS-ONE, BMC Infectious Diseases, Clinical Microbiology and infections. He reviewing activity (certified on <https://publons.com/>) was including in the last 24 months some 51 reviews for international peer reviewed journals ,

<b>ADDITIONAL INFORMATION</b>	He published 212 peer reviewed publications, with a h-index of 42 and more than 5000 citations. (google scholar)
<b>ANNEXES</b>	List of Scientific Publications from 2000 until today available on the web site U-GOV University of Bologna (upon request)

Pievesestina, January 27<sup>th</sup> 2021.

Autorizzo il trattamento dei miei dati personali ai sensi del D.Lgs. 196 del 30 giugno 2003"

Vittorio Sambri MD, PhD