

Curriculum Vitae Summary

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Short Biography

Carlo Tascini is an Italian Medical Doctor, specialized in clinical microbiology and virology + infectious diseases. He is currently Head of the Department - Director, Infectious Diseases Clinic, University of Udine Medical Center, Udine, Italy and Professor of the Infectious Diseases DAME department of the Udine University, Associate Professor in Infectious Diseases, University of Udine Medical School, Udine, Italy; Director of the Specialty School in "Malattie Infettive" (Medical Internship program)

He initially trained in Perugia, with specialization activity carried out in the Infectious Diseases Unit of Perugia Hospital from 1989 to 1993 and subsequently in the Microbiology Institute of the University of Perugia until 1997.

From 2000 to 2016, he worked in the Infectious Diseases Unit of the Pisa University Hospital, as acting director position, and was accountable for the management of the internal laboratory of Microbiology. He contributed to the set-up of the integrated microbiology structure within the infectious diseases department, involving real time daily confrontation with patient management within the clinic, forging his knowledge on the importance of diagnosis in supporting therapy, before moving back to the clinical environment, enforced by the microbiological experience.

Moving to the infectious disease clinical role, the microbiology experience has set the basis for and integrated relationship in the Versilia/Pisa environment.

During this time, he managed complex patients often in collaboration with specialists from other departments and disciplines (hepatology and oncology, transplant patients, patients with resistant-pathogen infections admitted in intensive care units or burn units, complex medical patients such as those with rheumatological diseases, with complications arising from diabetes (diabetic foot infections), patients with severe cardiac infections such as either endocarditis and intracardiac device infections (pacemakers and defibrillators) as well as patients with severe orthopedic or neurosurgical prosthesis infections.

In 2016 he was appointed Director of the Complex Operating Unit of the "First Division of Infectious Diseases" of the Cotugno Hospital, Colli Hospitals, Naples, regional and extra-regional reference center for infectious diseases, in particular for meningo-encephalitis, HIV infection, chronic hepatitis and for all infectious diseases, along with cardiology, pneumology, cardiac surgery. With his team, he managed severe and complex infections including meningitis and meningo-encephalitis, endocarditis, sepsis, malaria, and all severe and infectious conditions requiring urgent management such as measles, chicken pox, typhus, imported tropical pathologies, tuberculosis in both adults and children/infants aged 30 days and above affected

by diffusive diseases such as meningitis, measles, whooping cough, chicken ² pox. The pediatric experience was also expanded as he was appointed infectious disease consultant for the Santo Bono pediatric hospital – Pausillipon in Naples.

Shortly after the Udine appointment, his team was faced with the COVID-19 pandemics, aided by the multidisciplinary approach he has always been characterized by.

His core research focus with expansion to other areas is as follows:

- 1) Severe infections (meningitis, endocarditis, sepsis) and innovative approaches (novel biomarkers, novel treatments)
- 2) Artificial intelligence and fast microbiology for an integrated approach for treatment and diagnosis
- 3) Multidisciplinary interventions (along with other departments/centers)
- 4) Innovative treatments (eg collaborations with phage therapy start-ups)

He is also author of over 284 articles receiving over 2480 citations (Mean article citation: 13,79, Hirsch index: 25).

OTHER APPOINTMENTS

- Visiting Fellow, Department of Parasitology, Imperial College, London;
- Director of First Division of Infectious Diseases, Ospedale Cotugno Naples, Italy from 2016 to 2019
- Reader in Infectious diseases, Pisa University Hospital from 2000 to 2016
- Member of PhD School Board of Theacher, University of Perugia, since 2019,

TECH-TRANSFER ACTIVITY

- Author of 1 patent;

SCIENTIFIC SOCIETIES AND INSTITUTIONS

- Member of the steering committee of Società Italiana Terapia Anti-infettiva (SITA)
- Member: Società Italiana malattie Infettive (SIMIT)
- Member: ESCMID

Udine, 14 February 2023

Prof. Carlo Tascini

