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**Studi e formazione:** Laurea in Scienze Biologiche presso l'Istituto di Malattie infettive, Facoltà di Medicina Veterinaria dell'Università degli Studi di Bologna (1976). Stage presso il Laboratoire d'Ecologie Médicale, Faculté de Médecine, Université de Montpellier, Francia (1978). Diploma al "Basic Course on Malaria and Planning Malaria Control, Thailand/Italy" (1987). Frequenti soggiorni presso la London School of Hygiene and Tropical Medicine, Londra, UK (1993–1995).

**Incarichi, attività didattica e di esperto OMS:** Direzione di Reparto, ISS (1989-in corso). Insegnamento a contratto di 'Parassitologia medica', Dipartimento di Scienze, Università di Roma Tre (1996-in corso). Esperto OMS nel campo della leishmaniosi e malaria con missioni in Arabia Saudita, Egitto, Etiopia, Georgia, Giordania, Grecia, Iran, Tunisia e Uzbekistan (1989-in corso).

**Recenti progetti scientifici e sintesi delle attività:** Progetto Europeo FP7 "MuLeVaClin: Clinical Studies on a Multivalent Vaccine for Human Visceral Leishmaniasis" (2013-in corso); Progetto Infectious Disease Research Institute (Seattle, USA) "Screening vaccine candidate(s) efficacy in a hamster model of visceral leishmaniasis using sand fly transmission as *Leishmania infantum* challenge" (2013-in corso); Progetto Esteve "Domperidone chemoprophylaxis to protect dogs from progressive canine leishmaniasis: an open-air kennel efficacy study" (2012-2014); Progetto Europeo FP7 "EDENext: Biology and Control of Vector-borne Infections in Europe; Phlebotomus-borne Diseases" (2011-in corso); Progetto Merial "Efficacy in dogs of a vaccine candidate against canine visceral leishmaniasis: evaluation by a natural challenge in an open-air kennel" (2008-2014); Progetto Intervet Pharma R&D "Field evaluation of the efficacy and safety of a topical formulation of Indoxacarb/Permethrin on the prevention of the transmission of canine leishmaniasis by sand flies in an endemic area" (2011-2012); Progetto Virbac "Efficacy of canine *Leishmania infantum* vaccine against a natural *Leishmania* infection in Italy" (2007-in corso); Progetto FortDodge Animal Health "Efficacy testing of *Leishmania* vaccine in dogs under field conditions in Italy" (2005-2009). Le attività di ricerca sono state prevalentemente rivolte allo studio e al controllo delle entità di leishmaniosi endemiche nel Mediterraneo e Medio Oriente, interessando sia le forme umane che animali della malattia nei campi della tassonomia parassitaria, diagnostica, terapia, sorveglianza epidemiologica, metodi di controllo e vaccini.

**Pubblicazioni scientifiche:** fino a settembre 2014 le voci bibliografiche edite o in corso di stampa su riviste, testi e monografie internazionali peer-reviewed sono state 209. Secondo quanto riportato dal Web of Knowledge, il totale delle citazioni per tutte le pubblicazioni è pari a 5.018, con una media di citazioni per anno pari a 143, una media di citazioni per pubblicazione pari a 25 ed un massimo di citazioni per pubblicazione pari a 249 (h-index = 37).

**Education:** Doctorate in Biological Sciences at the Infectious Diseases Institute, Faculty of Veterinary Medicine, University of Bologna (1976). Visiting researcher at the Laboratoire d'Ecologie Médicale, Faculté de Médecine, Université de Montpellier, France (1978). Diploma at the “Basic Course on Malaria and Planning Malaria Control, Thailand/Italy” (1987). Visiting researcher at the London School of Hygiene and Tropical Medicine, London, UK (1993–1995).

**Appointments, teaching and WHO expert activities:** Direction of Unit, ISS (1989-ongoing). Contract professor of “Medical parasitology”, Department of Sciences, Third University of Rome (1996-ongoing). WHO expert in the leishmaniasis and malaria fields, with missions in Saudi Arabia, Egypt, Ethiopia, Jordan, Georgia, Greece, Iran, Tunisia and Uzbekistan (1989–ongoing).

**Recent scientific projects and summary of activities:** European project FP7 “MuLeVaClin: Clinical Studies on a Multivalent Vaccine for Human Visceral Leishmaniasis” (2013-ongoing); Infectious Disease Research Institute (Seattle, USA) project “Screening vaccine candidate(s) efficacy in a hamster model of visceral leishmaniasis using sand fly transmission as *Leishmania infantum* challenge” (2013-ongoing); Esteve project “Domperidone chemoprophylaxis to protect dogs from progressive canine leishmaniasis: an open-air kennel efficacy study” (2012-2014); European project FP7 “EDENext: Biology and Control of Vector-borne Infections in Europe; Phlebotomus-borne Diseases” (2011-ongoing); Merial project “Efficacy in dogs of a vaccine candidate against canine visceral leishmaniasis: evaluation by a natural challenge in an open-air kennel” (2008-2014); Intervet Pharma R&D project “Field evaluation of the efficacy and safety of a topical formulation of Indoxacarb/Permethrin on the prevention of the transmission of canine leishmaniasis by sand flies in an endemic area” (2011-2012); Virbac project “Efficacy of canine *Leishmania infantum* vaccine against a natural *Leishmania* infection in Italy” (2007-ongoing); FortDodge Animal Health project “Efficacy testing of *Leishmania* vaccine in dogs under field conditions in Italy” (2005-2009). The research activities have been mainly addressed to the study and control of leishmaniasis entities endemic in the Mediterranean and Middle East countries. They include both human and animal forms of the diseases in the fields of parasite taxonomy, diagnostics, therapy, epidemiological surveillance, control methods and vaccines.

**Publications:** By September 2014 published or in-press papers in peer-reviewed international journals, books or monographs are 209. Web of Knowledge reports 5,018 citations, for an average of 143 citations/year and 25 citations/publication, with a maximum of 249 (h-index = 37).