

PERSONAL INFORMATION Simona Gabrielli Rome, Italy, 19th September 1976

CURRENT STATUS

Assistant Professor, Department of Public Health and Infectious Diseases, Sapienza University of Rome.
Executive Biologist, Laboratory of Parasitological analysis, Hospital Policlinico Umberto I, Rome.

EDUCATION

2013: Associate Professor Qualification (Professore II fascia) SC H3 - SSD VET/06

2009: Specialist Degree (summa cum laude) in Microbiology and Virology, Sapienza University of Rome, Thesis title: The diagnosis of hydatidosis at the Policlinico Umberto I. Supervisor: Prof.ssa Gabriella Cancrini.

2005: PhD fellow in Public Health Sciences, Sapienza University of Rome in collaboration with the University of Salamanca, Spain. Thesis title: Evaluation of immune response against *Dirofilaria* spp. and *Wolbachia* in natural infected hosts. Supervisor: Prof.ssa Gabriella Cancrini.

2002: Degree in Biological Sciences with a major in Biotechnology, Sapienza University of Rome. Thesis title: Molecular characterization of the *wsp* gene of *Wolbachia* pipiens (Rickettsiales: Rickettsiaceae) endosymbionts of Culicidae (Diptera: Culicidae): distribution and phylogenetic considerations. Supervisor: prof. Vincenzo Petrarca

EMPLOYMENT HISTORY

2009-2010: Post-doctoral Fellow (Co.Co.Co.) to support the clinical activities of the Diagnostic Parasitology Laboratory, Hospital Policlinico Umberto I, Rome.

2001-2008: Post-doctoral Fellow (Co.Co.Co.) to carry out research activities, Department of Public Health and Infectious Diseases, Parasitology Section.

SCHOLARSHIPS

Specialist Degree scholarship (4 years).

PhD Scholarship (3 years).

AWARDS AND HONOURS

2002: Giovani Parassitologi So.I.Pa 2002, Società Italiana di Parassitologia (So.I.Pa);

2006: Federico Nitti, Accademia Nazionale delle Scienze detta dei XL;

2008: Excellence in Clinical Microbiology and Infectious Disease, Wyeth;

2008: EFP Student Scholarship.

TEACHING ACTIVITIES

2015-to date Lecturer of Parasitology, "C.L.M. Medicina e Chirurgia", Sapienza University of Rome.

2014-to date Co-President of the "CdL Tecniche di Laboratorio Biomedico, Facoltà di Farmacia e Medicina, "Sapienza" Università di Roma (Az. San Camillo-Forlanini)".

2010-to date Coordinator and lecturer of "Parassitologia diagnostica e antropozoonosi", c.i. "Metodologie Diagnostiche di Microbiologia" (MED/07, MED/46, VET/06; cfu:6); CdL Tecniche di Laboratorio Biomedico, Facoltà di Farmacia e Medicina, (Az. San Camillo-Forlanini), Sapienza University of Rome.

2002-to date Member of the Examining Board of the "C.I. di Microbiologia, C.L.M. Medicina e Chirurgia", Sapienza University of Rome. 2010-to date Supervisor and co-Supervisor of Bachelor thesis (n= 15); co-Supervisor of Master thesis (n=3).

PROFESSIONAL EXPERIENCE

Her clinical activity is primarily focused on the parasitological, molecular, serological diagnosis of human parasites. She has developed molecular protocols to diagnose Chagas disease in case of congenital transmission, and to control blood and organ donors in order to prevent nosocomial infections.

MAIN RESEARCH LINES 1) Epidemiology and control of human parasitic diseases: i) detection of *Trypanosoma cruzi* in blood donors and in pregnant women; ii) control of leishmaniasis in HIV positive patients; iii) prevention and control of intestinal and blood parasites in Bolivian communities;

2) Medical Entomology: i) study on the ecology of vectors with medical importance; ii) molecular identification of vectors of leishmania, zoonotic filariae, piroplasm and bacteria; iii) investigations on the relationship between *Wolbachia* endosymbionts-mosquito/tick species;

3) Diagnostic parasitology: development of serological and molecular assays to diagnose zoonotic infections, to identify sibling species and to genotype parasites; study of clinical cases.

4) Zoonoses: investigations aimed to assess the current epidemiology of zoonotic parasites in Italy to estimate the risk of transmission to humans. Surveys have been carried out by means of molecular and immunological tools and provided the development of mathematical models.

SUMMARY OF SCIENTIFIC ACHIEVEMENTS (2002-2017)

38 Peer-reviewed papers on International Journals with Impact Factor -about 60 contributions in International Conferences and Meetings -6 Peer-reviewed papers on National Journals -2 chapters in International books

Documents in Scopus: 50

Scopus Citations: 651 total citations by 504 documents

Scopus h-index: 13