

Summary of the Curriculum Vitae of Enrico Brunetti

Enrico Brunetti, MD, is Assistant Professor of Infectious Diseases at the University of Pavia, and staff physician at the Division of Infectious and Tropical Diseases, San Matteo Hospital Foundation, University of Pavia.

His main research interests are 1) cestode infections, specifically cystic echinococcosis, with focus on clinical management, and the role of immunogenetics in the response to treatment 2) the use of clinical ultrasound in infectious diseases, with special focus on HIV, tuberculosis and parasitic diseases, in tropical settings.

He is Co-Director of the WHO Collaborating Centre for Clinical Management of Cystic Echinococcosis and has ongoing research and training collaborations in these fields with institutions in Peru, USA, South Africa, Spain, Germany, Bulgaria, Romania, Albania, Turkey, Bangladesh.

To date, he has organized eleven International Short Courses on Ultrasound in Tropical Medicine, with WHO, ASTMH and ESCMID co-sponsorship, with participants from Europe, North and South America, Middle East, Central Asia and Africa. This is also Official training course for the CESSARI project funded by the DFG (Deutsche Forschung Gesellschaft, German Center for Research).

Dr. Brunetti is part of the group that developed the protocol of a then new ultrasound –guided treatment of echinococcal cysts (Puncture, Aspiration, Injection, Re-aspiration-PAIR).

He conducted ultrasound surveys on the prevalence of cystic echinococcosis in rural areas of Buzau County, Romania, in collaboration with the Carol Davila University, Bucharest, and participated in ultrasound and serological surveys in the Peruvian highlands in collaboration with the Universidad Peruana Cayetano Heredia, Lima, Peru.

He has organized workshops and other international collaborations within the Framework of Agreement between the University of Pavia and the WHO on Minimally Invasive treatment of Cystic Echinococcosis.

As a member of the WHO Informal Working Group on Echinococcosis, he has participated, with

Peter Kern and Dominique Vuitton, in the international meetings, in Chengdu, PR China (2006) and in Besançon, France (2007) that led to the Expert Consensus for the Diagnosis and Treatment of cystic and alveolar echinococcosis in humans.

Dr. Brunetti is member of the American Society of Tropical Medicine and Hygiene (member of Scientific Program Committee, 2011-date) and of the European Society of Clinical Microbiology and Infectious Diseases. He is also part of the WHO Informal Working Group on Echinococcosis.

Reviewer of research projects for:

Wellcome Trust, London, UK

Swiss National Science Foundation, Bern, CH

Reviewer for the following journals:

Lancet, Clinical Infectious Diseases, PLoS Neglected Tropical Diseases, Emerging Infectious Diseases, American Journal of Tropical Medicine and Hygiene, Tropical Medicine and International Health, BMC Infectious Diseases, Scandinavian Journal of Infectious Diseases, BMC Gastroenterology, Transplant Infectious Diseases, Journal of Hepatology, Journal of Antibiotic Chemotherapy, European Journal of Gastroenterology and Hepatology, Ultraschall in der Medizin, Parasitology Research, Infectious Disease Reports, Infection.

International Courses and Lectures

Co-Director (with Dr. E. Gotuzzo, UPCH; Lima, Peru and Dr. W. Kuhn, Georgia Health, Augusta, GA, USA)

Clinical Ultrasound in Tropical Infectious Diseases, co-sponsored by WHO and American Society of Tropical Medicine and Hygiene (ASTMH), EFSUMB and WINFOCUS

Lima, Peru, August 20-25, 2011, October 22-26, 2012, September 13-18, 2013.

He organized and directed the PG course “Cystic Echinococcosis: Burden of disease in the EU and clinical management” funded by the European Society of Clinical Microbiology and Infectious Diseases (Pavia, September 23-25, 2011)

He was Invited Faculty at the Global Health Course – University of Minnesota, Minneapolis, MN, USA (www.globalhealth.umn.edu/) Organized by the University of Minnesota Medical School and the Centers for Diseases Control, Atlanta, GA. From 2006-2010, at St. George's University, Grenada, West Indies, 2012, at the London School of Hygiene and Tropical Medicine (DTM&H) in 2012 and was invited speaker at over 30 international conferences in Europe, USA, Peru, Africa and China.

His research has been funded by the European Union (FP6 and FP7), the NIH (NIAID R34 Grants), the Italian Ministry of University and Research (MIUR) and the Italian Ministry of Health

He has published 85 papers in peer-reviewed, indexed journals, with 2 more in press at the time of this writing, and several book chapters in national and international books.

Book Chapters (Recent)

Echinococcosis

Tamarozzi F, **Brunetti E**, Vuitton DA

In: Helminth Infections and their Impact on Global Public Health

Bruschi, F Editor

Springer, 2014

Ultrasound in Tropical Medicine

Brunetti E

In: Manson's Tropical Diseases, 23rd Edition

Farrar J, Hotez P, Junghanss T, Kang G, Lalloo D , White NJ, Eds.

Elsevier , 2013, pp 60-67

Cestode Infections.

White, AC Jr, **Brunetti E**

In: Cecil Textbook of Medicine, 24th .

Goldman L and Schafer A, Eds. Saunders/Elsevier, Philadelphia, PA, USA
Elsevier 24th Edition, 2012, pp 2054-2057

Echinococcosis.

Schantz PM, Kern P & **Brunetti E**. Chapter 120

In: Tropical Infectious Diseases: Principles, Pathogens & Practice, RL

Guerrant, DH Walker & PF Weller, Eds.

Elsevier, 3rd ed., 2011, pp. 824-838.

Cystic Echinococcosis.

Brunetti E.

In: Tropical Diseases in Travelers.

Schwartz, E (Ed.) Wiley-Blackwell,

1st ed. 2009, pp. 264-27