

Summary of the Curriculum Vitae of Enrico Brunetti

Surname: Brunetti

Name: Enrico

Date of birth : January 18, 1956

Nationality: Italian

Degrees:

1981 MD (Cum Laude), University of Pavia, Italy

1985 Specialist in Infectious Diseases, University of Pavia

1990 Specialist in Internal Medicine, University of Pavia

Employment:

1995 -2015: Assistant Professor of Infectious Diseases, University of Pavia

2015 – date: Associate Professor of Infectious Diseases, University of Pavia

1997 -date: Staff physician, Unit of Infectious and Tropical Diseases, San Matteo Hospital Foundation, University of Pavia.

Positions:

2009- 2017: Co-Director, WHO Collaborating Centre for Clinical Management of Cystic Echinococcosis

Fellowships

1986: Visiting Fellowship in Ultrasound. Boston University Hospital , Boston, MA

1992 - 1995: Research Fellowship from IRCCS " San Matteo " , Pavia

Research interests

Cystic echinococcosis, with focus on clinical management.

Use of clinical ultrasound in infectious diseases, with special focus on HIV, tuberculosis and parasitic diseases, in tropical settings.

Diagnosis and treatment of viral liver disease.

He has ongoing research and training collaborations in these fields with institutions in Peru, USA, South Africa, Spain, Germany, Bulgaria, Romania, Albania, Turkey, Bangladesh, Kazakhstan.

To date, he has organized sixteen International Short Courses on Ultrasound in Tropical Medicine, with WHO and ASTMH co-sponsorship, with participants from Europe, North and South America, Middle East, Central Asia and Africa.

He has also organized, together with other colleagues, six Short Courses on Clinical Ultrasound in the Congo and in Tanzania (Zanzibar) from 2001-2003

He has organized and directed the first FASE (Focused Assessment with Ultrasound of Echinococcosis) Course in Europe as a University of Pavia Winter School from 2-6 February 2016, with participants from Europe, Africa and Asia.

Dr. Brunetti is part of the group that in 1987 developed the protocol of a new ultrasound –guided treatment of echinococcal cysts (Puncture, Aspiration, Injection, Re-aspiration-PAIR). He was invited with the group to demonstrate the technique in hospitals in Europe (Amsterdam, the Netherlands and Lisbon, Portugal) and in P.R.China (Urumqi, Xinjiang) in 1996 and 1999. 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.

He was Member of Scientific Committee of the XXIV Meeting of the International Society of Hydatidology, held in Urumqi, Xinjiang, PRC, from September 13-17, 2011

He was Co-director, WHO Collaborating Centre for Clinical Management of Cystic Echinococcosis at the Division of Infectious and Tropical Diseases, IRCCS San Matteo, University of Pavia. (currently re-applying for WHO-CC after second 4-year term expiration)

Membership of Scientific Societies :

American Society of Tropical Medicine and Hygiene (member of Scientific Program Committee, 2011-2017)

European Society of Clinical Microbiology and Infectious Diseases

Società Italiana di Parassitologia

WHO Informal Working Group on Echinococcosis.

International Courses

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,

2003- date

Director,

Short Course of Abdominal Ultrasound in Tropical Medicine (www.tropicalultrasound.org), co-sponsored by the WHO, the American Society of Tropical Medicine and Hygiene (ASTMH),

European Society of Clinical Microbiology and Infectious Diseases (ESCMID) and WINFOCUS. Official training course for CESSARI funded the DFG (Deutsche Forschung Gesellschaft, German Center for Research. In 2014 the course was also an Erasmus Intensive Programme in partnership with the University of Amsterdam, Amsterdam, the Netherlands, the University of Heidelberg, Heidelberg, Germany, and the Heinrich Heine University in Duesseldorf, Germany. Held yearly at the Division of Infectious and Tropical Diseases, San Matteo Hospital Foundation, University of Pavia, Pavia, Italy.

Co-Director (with Calum Macpherson, St. George's University, Grenada, West Indies)
Tropical Ultrasound Course.
Held in Khartoum, Sudan, 22-23 November 2013

2006-2010

Invited Faculty.

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.

Module 5- Parasitic Diseases and Diagnostic and Therapeutic Interventions in Resource-poor Settings

2015

Faculty.

Advanced Course: Medical Priorities & Clinical Tropical Medicine in South East Asia.

21 September – 9 October 2015, Vientiane, Laos

Organized by Swiss Tropical and Public Health Institute, Basel, Switzerland

International Workshops organized by dr. Brunetti

“Diagnostic tools in cystic echinococcosis: What do we have and what do we want ?” Pavia, September 12-13, 2003. Division of Infectious and Tropical Diseases, IRCCS San Matteo, University of Pavia

Postgraduate Courses

Cystic Echinococcosis: Burden of disease in the EU and clinical management

Sponsored by the European Society of Clinical Microbiology and Infectious Diseases

Course Coordinator. Enrico Brunetti

Pavia, September 23-25, 2011

ESCMID Postgraduate Technical Workshop

Indigenous Parasitic Diseases in Europe

Sponsored by the European Society of Clinical Microbiology and Infectious Diseases

Course Coordinators: Enrico Brunetti, Peter L Chiodini.

Pavia, May 6-8, 2015

Ongoing Research Support

2017 – Ongoing

Development of New Diagnostic and Treatment Options for Helminthic Neglected Diseases

ERANET_LAC ELAC2015/T08-0544 NDTND

Infectious diseases - Research in prevention of infectious diseases and promotion of well-being

<https://www.eucelac-platform.eu/project/development-new-diagnostic-and-treatment-options-helminthic-neglected-diseases>

From 03/01/2018- 02/28/2021

Role: PI (Italy)

2016 – ongoing

NIH Grant R01AI116470-01A “Liver cystic echinococcosis: pre-clinical assessment of a novel, single step percutaneous treatment procedure (intracystic albendazole sulfoxide injection)”

From 03/07/2016 - 02/28/2021

Role: Consultant

Completed Training Grants

HERACLES (Human cystic Echinococcosis ReseArch in CentraL Eastern Societies)

SEVENTH FRAMEWORK PROGRAM (FP7)/HEALTH.2013.2.3.4-1

[Neglected infectious diseases of Central and Eastern Europe]

Funding Institution: EU

Role: PI

RESEARCH CAPACITY STRENGTHENING AND KNOWLEDGE MANAGEMENT TO IMPROVE DISEASE CONTROL (Special Program for Research and Training in Tropical Diseases)

WHO TDR Grant (to Kazhak NMU, Almaty, Kazakhstan – October 2015-February 2017) Funding Agency. WHO TDR.

Role. Trainer of Trainers

Completed Research Support

2013 – 2015

Clinical Management of Cystic Echinococcosis in the Mediterranean (CEMED) , an 18-month project on cystic echinococcosis in Morocco.

Funding Institution: Italian Ministry of Health, administered by the WHO TDR.

Role: PI and co-director

2008-2015

In vivo evaluation of cytokines production in patients with active and transitional cystic echinococcosis of the liver

Funding institution: Italian Ministry of Health through IRCCS San Matteo Hospital Foundation, Pavia (Ricerca Corrente).

Role: PI

2010 – 2011

NIAID Clinical Trial Planning (R34) Grants

Phase II clinical trial of stage specific treatment of cystic echinococcosis (Echino Trial).

Funding institution: NIH, USA

Role: Consultant

2004-2008

“From country level to a pan-European perspective: A co-ordinated approach to controlling cystic echinococcosis”. Framework Programme 6 2002 : Measures in Support of International Cooperation (INCO) Prop.n. 509102 A 3 Year Project Funded by the European Community (extended to 2008).

Funding institution: EU

Role: PI (Leader – Treatment section, and Principal Scientific Person – Partner 2 -Italy).

2006-2007

“Cystic Echinococcosis: relationship of cystic stage and response to treatment with strain genotype and cytokine expression in humans”

Funding institution: Italian Ministry of University and Scientific Research.

Role: PI

Reviewer for the following Journals:

Lancet, Clinical Infectious Diseases, PLoS Neglected Tropical Diseases, Emerging Infectious Diseases, International Journal of Infectious Diseases, American Journal of Tropical Medicine and Hygiene, Tropical Medicine and International Health, BMC Infectious Diseases, Transactions of the Royal Society of Tropical Medicine and Hygiene, Scandinavian Journal of Infectious Diseases, Infection, 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

A detailed record of peer reviews performed by Dr. Brunetti from Feb 2013 - date is available at <https://publons.com/a/247925>

External Reviewer for grant applications

Swiss National Science Foundation

Wellcome Trust

United Arab Emirates University

WHO Publications

Minimal invasive treatment for hydatid abdominal cysts: PAIR (Puncture,Aspiration, Injection, Reaspiration)-state of the art. WHO/CTD/SIP/97.3 Geneva Switzerland. Filice C, Brunetti E, D'Andrea F, Filice G.

PAIR. An Option for the Treatment of Cystic Echinococcosis. WHO/CDS/CSR/PH 2001.6. Geneva, Switzerland. (Main Contributors: Brunetti E, Filice C, Macpherson C, Meslin FX, Vuitton D).

Internet publications:

Echinococcosis Hydatid Cyst

Brunetti E, Filice C

in: eMedicine.

URL <http://emedicine.medscape.com/article/216432-overview>

Malaria Organism-Specific Therapy

Brunetti E, Manciuoli T

in: eMedicine

<http://emedicine.medscape.com/article/2015022-overview>

Book Chapters

The Role of the WHO in the Global Management of Hydatid Disease. Lessons Learned in the Field

Brunetti E, Macpherson CNL

In: The Surgical Management of Parasitic Diseases

Tsoufas G, Hoballah J J, Velmahos G C, and Ho Y-H, Eds.

Springer, 2020, pp.239-250

Cestodes

White, AC Jr, **Brunetti E**

In: Cecil Textbook of Medicine, 25th .

Goldman L and Schafer A, Eds. Saunders/Elsevier, Philadelphia, PA, USA

Elsevier 25th Edition, 2020, pp 2117-2122

Cystic and Alveolar Echinococcosis

Vuitton DA, **Brunetti E**

In: Zoonoses: Infections affecting humans and animals - A focus on public health aspects
Springer, 2014

Echinococcosis

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

In: Helminth Infections and their Impact on Global Public Health
Bruschi F, Editor
Springer, Wien, 2014, pp.153-200

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

Brunetti E, Heller T, Tamarozzi F, Kabaalioglu A, Giordani MT, Richter J,
Chiavaroli R, Goblirsch S, Cretu .

Ultrasound and Tropical Medicine. Parasitic Diseases of the Liver.

In: EFSUMB Course Book on Ultrasound

Dietrich C, Editor

EFSUMB, London, 2012, p. 651-672

Heller T, **Brunetti E**, Giordani M T, Conlon R, Filice C, Goblirsch S, Dietrich C

Ultrasound in tropical medicine. Human Immunodeficiency Virus (HIV) Infection.

In: EFSUMB Course Book on Ultrasound

Dietrich C, Editor

EFSUMB, London, 2012, p. 2-22 (available online at <http://issuu.com/efsumb/docs/ecb-chxx-hiv02>)

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.

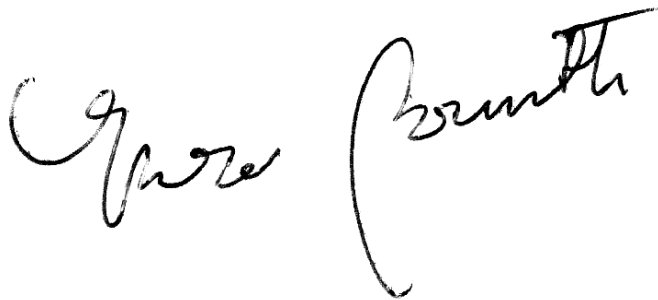
Brunetti E.

In: Tropical Diseases in Travelers.
Schwartz, E (Ed.) Wiley-Blackwell,
1st ed.2009, pp. 264-274

Echinococcosis.

Schantz PM, Kern P & **Brunetti E.** Chapter 114
In: Tropical Infectious Diseases: Principles, Pathogens & Practice, RL
Guerrant, DH Walker & PF Weller, Eds.
Churchill Livingstone/Elsevier,
2nd ed., 2006, pp. 1304-1340.

Pavia, 18.11.2020

A handwritten signature in black ink, reading "Giuseppe Brunetti". The signature is written in a cursive style with a large, sweeping initial "G".

Peer reviewed publications

1. Vegezzi E, Berzero G, Barbetta D, Colombo AA, Borsani O, Bernasconi P, Compagno F, Zecca M, Campanini G, Simoncelli A, Paoletti M, Pichiecchio A, Baldanti F, Brunetti E, Marchioni E. Diagnosing acute encephalitis in patients with hematological disorders: caveats and pitfalls. *J Neurovirol* 2020;26:257-263.
2. Tamarozzi F, Horton J, Muhtarov M, Ramharter M, Siles-Lucas M, Gruener B, Vuitton DA, Bresson-Hadni S, Manciuilli T, Brunetti E. A case for adoption of continuous albendazole treatment regimen for human echinococcal infections. *PLoS Negl Trop Dis* 2020;14:e0008566.
3. Siyadatpanah A, Brunetti E, Emami Zeydi A, Moghadam YD, Agudelo Higuera NI. Cerebral Cystic Echinococcosis. *Case Rep Infect Dis* 2020;2020:1754231.
4. Rossi P, Tamarozzi F, Galati F, Akhan O, Cretu CM, Vutova K, Siles-Lucas M, Brunetti E, Casulli A. The European Register of Cystic Echinococcosis, ERCE: state-of-the-art five years after its launch. *Parasit Vectors* 2020;13:236.
5. Mustapayeva A, Manciuilli T, Zholdybay Z, Juskiewicz K, Zhakenova Z, Shapiyeva Z, Medetov Z, Vola A, Mariconti M, Brunetti E, Budke CM, Khalykova M, Duisenova A. Incidence Rates of Surgically Managed Cystic Echinococcosis in Kazakhstan, 2007-2016. *Am J Trop Med Hyg* 2020;102:90-95.
6. Mussa M, Manciuilli T, Corbella M, Mariani B, Cambieri P, Gipsz N, Scudeller L, Abbott DM, Brunetti E, Mosconi M, Benazzo F, Orsolini P. Epidemiology and microbiology of prosthetic joint infections: a nine-year, single-center experience in Pavia, Northern Italy. *Musculoskelet Surg* 2020.
7. Manciuilli T, Serraino R, D'Alessandro GL, Cattaneo L, Mariconti M, Vola A, Taccari F, Narra R, De Vito G, Treccarichi EM, Mazzitelli M, Matera G, Casulli A, Marascio N, Brunetti E, Tamarozzi F, Torti C. Evidence of Low Prevalence of Cystic Echinococcosis in the Catanzaro Province, Calabria Region, Italy. *Am J Trop Med Hyg* 2020;103:1951-1954.
8. Manciuilli T, Giordani MT, Lissandrin R, Brunetti E, Tamarozzi F. Comment on: "Complications Associated with Initial Clinical Presentation of Cystic Echinococcosis: A 20-year Cohort Analysis". *Am J Trop Med Hyg* 2020;102:241-242.
9. Malerba P, Kaminstein D, Brunetti E, Manciuilli T. Is there a role for bedside ultrasound in malaria? A survey of the literature. *J Ultrasound* 2020;23:13-21.
10. Magrassi L, Mussa M, Montalbetti A, Colaneri M, di Matteo A, Malfitano A, Simoncelli AM, Egitto MG, Bernucci C, Brunetti E. Primary Spinal Epidural Abscesses Not Associated With Pyogenic Infectious Spondylodiscitis: A New Pathogenetic Hypothesis. *Front Surg* 2020;7:20.
11. Khan A, Ahmed H, Khan H, Saleem S, Simsek S, Brunetti E, Afzal MS, Manciuilli T, Budke CM. Cystic Echinococcosis in Pakistan: A Review of Reported Cases, Diagnosis, and Management. *Acta Trop* 2020;212:105709.
12. Grecchi C, Sarda C, Manciuilli T, Scudeller L, Leoni C, Mariani B, Cambieri P, Chinellato FE, Aquino IMG, Marone P, Ancarani C, Astroni L, Muzzi A, Brunetti E, Novati S. Screening program for latent tuberculosis infection in asylum seekers - a single center experience in Pavia, Italy. *Ann Ig* 2020;32:682-688.
13. Fratini F, Tamarozzi F, Macchia G, Bertuccini L, Mariconti M, Birago C, Iriarte A, Brunetti E, Cretu CM, Akhan O, Siles-Lucas M, Diaz A, Casulli A. Proteomic analysis of plasma exosomes from Cystic Echinococcosis patients provides in vivo support for distinct immune response profiles in active vs inactive infection and suggests potential biomarkers. *PLoS Negl Trop Dis* 2020;14:e0008586.

14. Colaneri M, Cavanna C, Mussa M, Morea A, Manciuilli T, Brunetti E, Di Matteo A, Lallitto F. Cryptococcosis in an HIV-negative, HCV positive, immunosenescent patient: a case report. *New Microbiol* 2020;43:99-102.
15. Casulli A, Siles-Lucas M, Cretu CM, Vutova K, Akhan O, Vural G, Cortes Ruiz A, Brunetti E, Tamarozzi F. Achievements of the HERACLES Project on Cystic Echinococcosis. *Trends Parasitol* 2020;36:1-4.
16. Vola A, Manciuilli T, De Silvestri A, Lissandrin R, Mariconti M, Siles-Lucas M, Brunetti E, Tamarozzi F. Diagnostic Performances of Commercial ELISA, Indirect Hemagglutination, and Western Blot in Differentiation of Hepatic Echinococcal and Non-Echinococcal Lesions: A Retrospective Analysis of Data from a Single Referral Centre. *Am J Trop Med Hyg* 2019.
17. Tamarozzi F, Akhan O, Cretu CM, Vutova K, Fabiani M, Orsten S, Pezzotti P, Popa GL, Velev V, Siles-Lucas M, Brunetti E, Casulli A. Epidemiological factors associated with human cystic echinococcosis: a semi-structured questionnaire from a large population-based ultrasound cross-sectional study in eastern Europe and Turkey. *Parasit Vectors* 2019;12:371.
18. Sgro A, Ots R, Brunetti E. Impact of World Tuberculosis Day on digital awareness of tuberculosis: analyses using Google Trends. *Int J Tuberc Lung Dis* 2019;23:824-829.
19. Mariconti M, Vola A, Manciuilli T, Genco F, Lissandrin R, Meroni V, Rosenzvit M, Tamarozzi F, Brunetti E. Role of microRNAs in host defense against *Echinococcus granulosus* infection: a preliminary assessment. *Immunol Res* 2019;67:93-97.
20. Mariconti M, Vola A, Manciuilli T, Genco F, Lissandrin R, Meroni V, Rosenzvit M, Tamarozzi F, Brunetti E. Correction to: Role of microRNAs in host defense against *Echinococcus granulosus* infection: a preliminary assessment. *Immunol Res* 2019;67:98.
21. Malerba P, Kaminstein D, Brunetti E, Manciuilli T. Correction to: Is there a role for bedside ultrasound in malaria? A survey of the literature. *J Ultrasound* 2019.
22. Cattaneo L, Manciuilli T, Cretu CM, Giordani MT, Angheben A, Bartoloni A, Zammarchi L, Bartalesi F, Richter J, Chiodini P, Godbole G, Junghanss T, Stojkovic M, Sammarchi L, Dore R, Vercelli A, Benazzo F, Cuzzocrea F, Tamarozzi F, Brunetti E. Cystic Echinococcosis of the Bone: A European Multicenter Study. *Am J Trop Med Hyg* 2019.
23. Abbott DM, Brunetti E, Barruscotti S, Brazzelli V. Brown recluse (*L. rufescens*) can bite in Northern Italy, too: first case report and review of the literature. *BMJ Case Rep* 2019;12.
24. Vola A, Tamarozzi F, Noordin R, Yunus MH, Khanbabaie S, De Silvestri A, Brunetti E, Mariconti M. Preliminary assessment of the diagnostic performances of a new rapid diagnostic test for the serodiagnosis of human cystic echinococcosis. *Diagn Microbiol Infect Dis* 2018;92:31-33.
25. Tamarozzi F, Akhan O, Cretu CM, Vutova K, Akinci D, Chipeva R, Ciftci T, Constantin CM, Fabiani M, Golemanov B, Janta D, Mihailescu P, Muhtarov M, Orsten S, Petrutescu M, Pezzotti P, Popa AC, Popa LG, Popa MI, Velev V, Siles-Lucas M, Brunetti E, Casulli A. Prevalence of abdominal cystic echinococcosis in rural Bulgaria, Romania, and Turkey: a cross-sectional, ultrasound-based, population study from the HERACLES project. *Lancet Infect Dis* 2018;18:769-778.
26. Schimmenti A, Brunetti E, Seminari E, Mariani B, Cambieri P, Orsolini P. Prosthetic Joint Infection from Carbapenemase-Resistant *Klebsiella pneumoniae* Successfully Treated with Ceftazidime-Avibactam. *Case Rep Infect Dis* 2018;2018:1854805.
27. Pagnozzi D, Tamarozzi F, Roggio AM, Tedde V, Addis MF, Pisanu S, Masu G, Santucci C, Vola A, Casulli A, Masala G, Brunetti E, Uzzau S. Structural and Immunodiagnostic Characterization of Synthetic Antigen B Subunits From *Echinococcus granulosus* and Their Evaluation as Target Antigens for Cyst Viability Assessment. *Clin Infect Dis* 2018;66:1342-1351.

28. Manciuilli T, Vola A, Mariconti M, Lissandrin R, Maestri M, Budke CM, Tamarozzi F, Brunetti E. Shortage of Albendazole and Its Consequences for Patients with Cystic Echinococcosis Treated at a Referral Center in Italy. *Am J Trop Med Hyg* 2018.
29. Manciuilli T, Mustapayeva A, Juskiewicz K, Sokolenko E, Maulenov Z, Vola A, Mariconti M, Serikbaev G, Duisenova A, Brunetti E, Zholdybay Z. Cystic Echinococcosis of the Bone in Kazakhstan. *Case Rep Infect Dis* 2018;2018:9682508.
30. Lissandrin R, Vola A, Tahiri S, Mariconti M, Manciuilli T, Tamarozzi F, Brunetti E. Cystic Echinococcosis in immigrants and Italians accessing a single referral center in Lombardy, Italy. *Travel Med Infect Dis* 2018.
31. Lissandrin R, Tamarozzi F, Mariconti M, Manciuilli T, Brunetti E, Vola A. Watch and Wait Approach for Inactive Echinococcal Cyst of the Liver: An Update. *Am J Trop Med Hyg* 2018;99:375-379.
32. Hernandez-Gonzalez A, Sanchez-Ovejero C, Manzano-Roman R, Gonzalez Sanchez M, Delgado JM, Pardo-Garcia T, Soriano-Galvez F, Akhan O, Cretu CM, Vutova K, Tamarozzi F, Mariconti M, Brunetti E, Vola A, Fabiani M, Casulli A, Siles-Lucas M. Evaluation of the recombinant antigens B2t and 2B2t, compared with hydatid fluid, in IgG-ELISA and immunostrips for the diagnosis and follow up of CE patients. *PLoS Negl Trop Dis* 2018;12:e0006741.
33. Giordani MT, Tamarozzi F, Kaminstein D, Brunetti E, Heller T. Point-of-care lung ultrasound for diagnosis of *Pneumocystis jirovecii* pneumonia: notes from the field. *Crit Ultrasound J* 2018;10:8.
34. Cuzzocrea F, Jannelli E, Ivone A, Vanelli R, Ghiara M, Fioruzzi A, Brunetti E, Benazzo F. Hydatid cyst in the spine. The alliance between surgeon and infectivologist is winning: a case report. *J Biol Regul Homeost Agents* 2018;32:187-191.
35. Brunetti E, Tamarozzi F, Macpherson C, Filice C, Piontek MS, Kabaalioglu A, Dong Y, Atkinson N, Richter J, Schreiber-Dietrich D, Dietrich CF. Ultrasound and Cystic Echinococcosis. *Ultrasound Int Open* 2018;4:E70-E78.
36. Tamarozzi F, Mariconti M, Covini I, Brunetti E. [Rapid diagnostic tests for the serodiagnosis of human cystic echinococcosis]. *Bull Soc Pathol Exot* 2017;110:20-30.
37. Tamarozzi F, Hou A, Morales ML, Giordani MT, Vilca F, Mozo K, Bascope R, White AC, Brunetti E, Chen L, Cabada MM. Prevalence and Risk Factors for Human Cystic Echinococcosis in the Cusco Region of the Peruvian Highlands Diagnosed Using Focused Abdominal Ultrasound. *Am J Trop Med Hyg* 2017;96:1472-1477.
38. Solomon N, Fields PJ, Tamarozzi F, Brunetti E, Macpherson CNL. Expert Reliability for the World Health Organization Standardized Ultrasound Classification of Cystic Echinococcosis. *Am J Trop Med Hyg* 2017;96:686-691.
39. Firpo G, Vola A, Lissandrin R, Tamarozzi F, Brunetti E. Preliminary Evaluation of Percutaneous Treatment of Echinococcal Cysts without Injection of Scolicidal Agent. *Am J Trop Med Hyg* 2017;97:1818-1826.
40. Chebli H, Laamrani El Idrissi A, Benazzouz M, Lmimouni BE, Nhammi H, Elabandouni M, Youbi M, Afifi R, Tahiri S, Essayd El Feydi A, Settaf A, Tinelli C, De Silvestri A, Bouhout S, Abela-Ridder B, Magnino S, Brunetti E, Filice C, Tamarozzi F. Human cystic echinococcosis in Morocco: Ultrasound screening in the Mid Atlas through an Italian-Moroccan partnership. *PLoS Negl Trop Dis* 2017;11:e0005384.
41. Bradanini L, Youkee D, Fabris P, Romano L, Brunetti E, Giordani MT. Acute hepatitis E virus infection in a migrant population in North East Italy: A retrospective analysis. *Travel Med Infect Dis* 2017;20:37-42.
42. Angheben A, Mariconti M, Degani M, Gobbo M, Palvarini L, Gobbi F, Brunetti E, Tamarozzi F. Is there echinococcosis in West Africa? A refugee from Niger with a liver cyst. *Parasit Vectors* 2017;10:232.

43. Tamarozzi F, Mariconti M, Neumayr A, Brunetti E. The intermediate host immune response in cystic echinococcosis. *Parasite Immunol* 2016;38:170-81.
44. Tamarozzi F, Covini I, Mariconti M, Narra R, Tinelli C, De Silvestri A, Manzoni F, Casulli A, Ito A, Neumayr A, Brunetti E. Comparison of the Diagnostic Accuracy of Three Rapid Tests for the Serodiagnosis of Hepatic Cystic Echinococcosis in Humans. *PLoS Negl Trop Dis* 2016;10:e0004444.
45. Rossi P, Tamarozzi F, Galati F, Pozio E, Akhan O, Cretu CM, Vutova K, Siles-Lucas M, Brunetti E, Casulli A. The first meeting of the European Register of Cystic Echinococcosis (ERCE). *Parasit Vectors* 2016;9:243.
46. Richter J, Botelho MC, Holtfreter MC, Akpata R, El Scheich T, Neumayr A, Brunetti E, Hatz C, Dong Y, Dietrich CF. Ultrasound assessment of schistosomiasis. *Z Gastroenterol* 2016;54:653-660.
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