

Research

Titles

- 1976 Degree in Biological Sciences with 106/110 votes , thesis in bacteriology
- 1978 Technician Institute of Microbiology Faculty of Medicine University ' . " La Sapienza " Rome .
- 1980 Specialisation in Microbiology and Virology with 70/70 and praise .
- 2001 Researcher Med / 07 ° The Faculty of Medicine, University . " La Sapienza " Rome.

She began his research activities primarily in the study of antibacterial activity of new and old drugs against several bacterial species. In 1982 , as part of a collaboration with the Organ Transplant Center, she has focused on the microbiological monitoring in patients under seats organ transplantation and in 1983 she worked as a visiting scientist at the Department of Medical Virology Institut Pasteur in Paris; this experience has developed a system of immunofluorescence for diagnosis of CMV in transplant recipients. Subsequently she worked, in patients undergoing liver transplantation infections by viruses B and C. The research was mainly with applications of molecular biology techniques, trying to assess the impact of such viruses of organ transplantation. From this experience it is passed to the study of the responsibility of the C virus in some people suffering from chronic liver diseases to uncertain etiology: eg. crioglobulinemici, patients with porphyria cutanea tarda, trying to highlight its possible role in disease. She also studied the epidemiology of a new virus TTV, involved in liver diseases with uncertain etiology. He continued, with a line of research in the study of activity of new molecules against several fungal species. All of these lines of research have been the subject of several projects is that of university faculty presented as responsible. In 2012 it could accommodate as Visiting Professor Prof. R.Viscidi with whom she collaborated in recent years. Author of over 100 publications both nationally and internationally, and many of these have been presented in the International Congresses. It 'also the author of a text of microbiology for students of the Degree Course for Health Professions.

Teaching activity :

From 2007 to date Vice - President of the Bachelor 's Degree in Nursing Az Hospital S. Camillo - Forlanini Faculty of Medicine and Chirurgia. To 2002 still is the coordinator of the course pathophysiological bases of infectious diseases in the above course degree . He teaches ongoing since 1982 with several teaching assignments of microbiology and clinical microbiology in graduate programs as well as teacher training courses has also taught in the school of specialization in Microbiology . He currently holds positions in some degree courses of the level : Nursing , Biomedical Laboratory Technicians .

Direct patient care

Since 1990 he was Senior Member Biologist board certification Microbiology and Virology at the S.S.Microbiological Analysis and since 2010 in the Laboratory of Virology in particular by looking hepatotropic viruses

Publications.

Autore di un Trattato scientifico : D.BOSSI , D. RIVANERA (2005). PATOLOGIA GENERALE E MICROBIOLOGIA. vol. 1, MILANO:Poletto

Susceptibility of primary B cells to JCPyV infection

F. Rossi, S.D. Newsome, G. Antonelli, D. **Rivanera**, R. Viscidi Atti del ESCMIDD 2015

Design, synthesis and biological characterization of thiazolidin-4-one derivatives as promising inhibitors of *Toxoplasma gondii*.

D'Ascenzio M, Bizzarri B, De Monte C, Carradori S, Bolasco A, Secci D, **Rivanera D**, Faulhaber N, Bordón C, Jones-Brando L.

Eur J Med Chem. 2014 Oct 30;86:17-30. doi: 10.1016/j.ejmech.2014.08.046. Epub 2014 Aug 15.

Hepatitis C virus present in the sera of infected patients interferes with the autophagic process of monocytes impairing their in-vitro differentiation into dendritic cells.

GranatoM, Lacconi V, Peddis M, Di Renzo L, Valia S, **Rivanera D**, Antonelli G, Frati L, Faggioni A, Cirone M. Biochim Biophys Acta. 2014 Jul;1843(7):1348-55. doi: 10.1016/j.bbamcr.2014.04.003.

Synthesis and cytotoxicity of novel (thiazol-2-yl)hydrazine derivatives as promising anti-Candida agents.

Carradori S, Secci D, Bolasco A, **Rivanera D**, Mari E, Zicari A, Lotti LV, Bizzarri B.

Eur J Med Chem. 2013 Jul;65:102-11. doi: 10.1016/j.ejmech.2013.04.042.

Synthesis, anti-Candida activity, and cytotoxicity of new (4-(4-iodophenyl)thiazol-2-yl)hydrazine derivatives.

Secci D, Bizzarri B, Bolasco A, Carradori S, D'Ascenzio M, **Rivanera D**, Mari E, Polletta L, Zicari A.

Eur J Med Chem. 2012 Jul;53:246-53. doi: 10.1016/j.ejmech.2012.04.006. Epub 2012 Apr 14.

Age-specific seroprevalence of Merkel cell polyomavirus, BK virus, and JC virus. Viscidi RP, Rollison DE, Sondak VK, Silver B, Messina JL, Giuliano AR, Fulp W, Ajidahun A, **Rivanera D**. Clin Vaccine Immunol. 2011 Oct;18(10):1737-43. doi: 10.1128/CVI.05175-11.

Synthesis and biological evaluation of novel 2,4-disubstituted-1,3-thiazoles as anti-Candida spp. Agents. Chimenti F, Bizzarri B, Bolasco A, Secci D, Chimenti P, Granese A, Carradori S, D'Ascenzio M, Lilli D, **Rivanera D**. Eur J Med Chem. 2011 Jan;46(1):378-82.

Synthesis, selective anti-Helicobacter pylori activity, and cytotoxicity of novel N-substituted-2-oxo-2H-1-benzopyran-3-carboxamides. Chimenti F, Bizzarri B, Bolasco A, Secci D, Chimenti P, Granese A, Carradori S, **Rivanera D**, Zicari A, Scaltrito MM, Sisto F. Bioorg Med Chem Lett. 2010 Aug 15;20(16):4922-6.

Synthesis and evaluation of 4-acyl-2-thiazolylhydrazone derivatives for anti-Toxoplasma efficacy in vitro. Chimenti F, Bizzarri B, Bolasco A, Secci D, Chimenti P, Carradori S, Granese A, **Rivanera D**, Frishberg N, Bordón C, Jones-Brando L. J Med Chem. 2009 Aug 13;52(15):4574-7.

Prevalence of TT virus infection in Italian dialysis patients. **Rivanera D**, Lozzi MA, Idili C, Lilli D. Pathol Biol (Paris). 2009 Feb;57(1):97-100.

Synthesis and in vitro activity of 2-thiazolylhydrazone derivatives compared with the activity of clotrimazole against clinical isolates of Candida spp. Chimenti F, Bizzarri B, Maccioni E, Secci D, Bolasco A, Fioravanti R, Chimenti P, Granese A, Carradori S, **Rivanera D**, Lilli D, Zicari A, Distinto S. Bioorg Med Chem Lett. 2007 Aug 15;17(16):4635-40.

A novel class of selective anti-Helicobacter pylori agents 2-oxo-2H-chromene-3-carboxamide derivatives. Chimenti F, Bizzarri B, Bolasco A, Secci D, Chimenti P, Carradori S, Granese A, **Rivanera D**, Lilli D, Zicari A, Scaltrito MM, Sisto F. Bioorg Med Chem Lett. 2007 Jun 1;17(11):3065-71.

Synthesis and in vitro selective anti-Helicobacter pylori activity of N-substituted-2-oxo-2H-1-benzopyran-3-carboxamides. Chimenti F, Bizzarri B, Bolasco A, Secci D, Chimenti P, Carradori S, Granese A, **Rivanera D**, Lilli D, Scaltrito MM, Brenciaglia MI. Eur J Med Chem. 2006

Failure of hepatitis B vaccination to induce either humoral or cellular immune response after liver transplantation for hepatitis B related cirrhosis. Merli M, Nicolini G, Attili FA, Accapezzato D, Barnaba V, Ferretti G, Lilli D, **Rivanera D**, Rossi M, Novelli G, Berloco P. J Hepatol. 2005 Dec;43(6):1089-90;

Synthesis and in vitro selective anti-Helicobacter pylori activity of pyrazoline derivatives. Chimenti F, Bizzarri B, Manna F, Bolasco A, Secci D, Chimenti P, Granese A, **Rivanera D**, Lilli D, Scaltrito MM, Brenciaglia MI. Bioorg Med Chem Lett. 2005 Feb 1;15(3):603-7.

Low-dose intramuscular hepatitis B immune globulin and lamivudine for long-term prophylaxis of hepatitis B recurrence after liver transplantation. Ferretti G, Merli M, Ginanni Corradini S, Callejon V, Tanzilli P, Masini A, Ferretti S, Iappelli M, Rossi M, **Rivanera D**, Lilli D, Mancini C, Attili A, Berloco P. Transplant Proc. 2004 Apr;36(3):535-8

Occult hepatitis C virus infection in type II mixed cryoglobulinaemia. Casato M, Lilli D, Donato G, Granata M, Conti V, Del Giudice G, **Rivanera D**, Scagnolari C, Antonelli G, Fiorilli M. J Viral Hepat. 2003 Nov;10(6):455-9.

Polymerase chain reaction, with sequencing, as a diagnostic tool in culture-negative bacterial meningitis. Lorino G, Lilli D, **Rivanera D**, Guarino P, Angeletti S, Gherardi G, Filadoro F. Clin Microbiol Infect. 1999 Feb;5(2):92-96.

Use of oligoprobes on amplified DNA in the diagnosis of bacterial meningitis. Dicuonzo G, Lorino G, Lilli D, **Rivanera D**, Guarino P, Angeletti S, Gherardi G, Candida S, Filadoro F. Eur J Clin Microbiol Infect Dis. 1999 May;18(5):352-7.

Effect of excess alcohol intake on HCV replication in chronic alcoholics. A pilot study
Attilia F, Ventre G, **Rivanera D.**, Lilli D, Attilia M L, Mellini A, Sasso GF, Ceccanti M. (2004)
ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH, vol. 28; p. 72A

Linfomi non- Hodgkin AIDS-relati (LNH-AIDS) e infezione da virus dell'epatite C (HCV).
Gastaldi R., De Vellis A., Gentile G., De Propriis MS, Capobianchi A., Lilli D., **Rivanera D.**, Martino P.
(2004). Giornale Italiano di malattie Infettive , vol. 10; p. 174

Hepatitis infections and alcohol intake in Italy.
Rivanera D., Lilli D, Attilia A ML, Barbacini IG, Attilia F, Ceccanti M Int Jour of Antimicrobial Agents, vol. 24;
p. S239 2003

Occult Hepatitis C virus infection in type II mixed cryoglobulinemia Casato M, Lilli D, Donato G, Granata M,
Conti V, Del Giudice G, **Rivanera D.** (2003). JOURNAL OF VIRAL HEPATITIS, vol. 10; p. 455-459,

Dual Infection with Hepatitis G virus (HGV) and Hepatitis C virus (HCV) in relation to different HCV
genotypes.
Rivanera D.,Lilli D., Barbacini IG, Lozzi M.A, Mancini C (2002). Int.Jour Antimicrobial Agents, vol. 19; p. 79,

Use of ELISA with TT VIRUS(TTV) to detect anti-TTV antibodies in human sera.
Rivanera D., Lilli D., Lozzi M.A., Pionno M., Mancini C. (2002). Int.Jour Antimicrobial Agents vol. 19
SUPPL1; p. 77

Detection of OF HBV DNA in serum by two quantitative techniques.
Lilli D., **Rivanera D.**, Barbacini I.G., Varesi P., Mancini C. (2001). Int.Jour Antimicrobial Agents , vol. 17
SUPPL1; p. 29

Genotypes Identification in HCV positive patients .
Rivanera D., Lilli D., Pionno M, Lozzi M.A (2001). Int.Jour Antimicrobial Agents vol. 17 suppl1; p. 34

Polymerase chain reaction, with sequencing, as a diagnostic tool in culture- negative bacterial meningitis
Dicuonzo G., Lorino G., Lilli D., **Rivanera D.**, Guarino P., Angeletti S., Gherardi G., Filadoro F. : Clinical
Microbiological and Infection vol.5,n.2:92-96.1999

Diagnostic value of anti-hepatitis C virus (HCV) core immunoglobulin infection after orthotopic liver
transplantation
Casino C., Lilli D., **Rivanera D.**, Comanducci A, Rossi M, Casciaro G, Alfani D., Mancini C. (1999). .
JOURNAL OF CLINICAL MICROBIOLOGY, 1999 vol.37,n.8 pg.2726-2728

Recurrence of Hepatitis C virus infection after orthopic liver transplant
Casino C., Lilli D., **Rivanera D.**, Rossi M, Casciaro G, Alfani D., Mancini C. (1999).. NEW
MICROBIOLOGICA vol.22/1:11-18,1999

HCV/HGV coinfection and cryoglobulinemia
Casan M., Lilli D., **Rivanera D.**, De Rosa FG, Lagana B, Mancini C (1999).. JOURNAL OF
Hepatology28(2):355-356,1998

Different reactivity against HCV proteins (RIBA 3) according to progression of liver damage.
Barbacini IG, Goldoni E, De Sanctis GM, Margiotta MC, Sebastiano D, D'Errico DA, Altavilla N, Magnapera
A, **Rivanera D**, Lilli D, Ippoliti F, Grimaldi F, Mancini C, Chircu LV.
Panminerva Med. 1998 Dec;40(4):269-72.

Hepatitis C virus in patients with porphyria cutanea tarda: relationship to HCV-genotypes.
Rivanera D, Lilli D, Griso D, Macri A, Mancini C.
New Microbiol. 1998 Oct;21(4):329-34.

Porphyria cutanea tarda and hepatitis G and C virus infection.
Mancini C, Griso D, **Rivanera D**, Macri A, Casino C, Lilli D.
Eur J Clin Microbiol Infect Dis. 1998 Jul;17(7):534-5. No abstract available.

IgM anti-hepatitis C virus in patients with chronic non-A, non-B hepatitis and their relationship to viral
replication.

Mancini C, **Rivanera D**, Lilli D, Di Cuonzo G, Angeletti S, Lorino G, De Sanctis GM, Barbacini IG, Leonetti G, Bianchi P, Chircu LV, Galli C.
Clin Diagn Virol. 1995 Dec;4(4):293-9.

Evaluation of indeterminate sera for hepatitis C virus by assays using synthetic peptides.

Rivanera D, Lorino G, Lilli D, Dicuonzo G, Mancini C.

Eur J Epidemiol. 1994 Apr;10(2):235-7.

Cytomegalovirus infection follow-up in renal transplant patients by the polymerase chain reaction.

Lorino G, Lilli D, Dicuonzo G, **Rivanera D**, Mancini C, Filadoro F, Alfani D, Berloco P, Bruzzone P, Pretagostini R, et al. Transplant Proc. 1993 Jun;25(3):2280-1. No abstract available.

Detection of antibodies to hepatitis C virus in dialysis patients.

Rivanera D, Lilli D, Lorino G, Pirozzi V, Cannulla V, Dicuonzo G, Mancini C.

Eur J Epidemiol. 1993 Jan;9(1):55-8.

Effect of cyclosporin A on natural killer cells' response during viral infections.

Gaeta A, Cipriani P, Brenciaglia MI, **Rivanera D**, Mancini C, Alfani D, Pretagostini R, MolajonR, Cortesini R. Microbiologica. 1985 Jul;8(3):225-32.

Sero-epidemiological results in subjects receiving a renal transplant.

Rivanera D, Lorino G, Dessy P, Mancini C, Filadoro F, Pretagostini R, Alfani D.

Boll Ist Sieroter Milan. 1985;64(3):240-3. Italian.

In vitro susceptibility tests with cefoperazone compared with cefotaxime, cefoxitin, cefuroxime, cephaloridine and gentamicin.

Brenciaglia MI, Cipriani P, Ghezzi MC, Giordano A, Mancini C, **Rivanera D**, Filadoro F.

Chemioterapia. 1984 Aug;3(4):246-9.

Preliminary results of acyclovir treatment of herpetic infections in organ transplant patients.

Rivanera D, Lun MT, Cipriani P, Mancini C, Renna Molajoni E, Cinti P, Paciucci R, Alfani D.

G Ital Chemioter. 1984 Jan-Aug;31(1-2):177-80. Italian.

Sensitivity tests to antibiotics for aerobes and anaerobes in clinical practice

Brenciaglia MI, **Rivanera D**, Lilli D, Filadoro F. Nuovi Ann Ig Microbiol. 1982 Mar-Jun;33(2-3):349-74.

Antibody movement against BK and herpes viruses and cytomegalovirus in kidney transplants]

Sinibaldi L, Mancini C, **Rivanera D**, Goldoni P. Ann Ist Super Sanita. 1982;18(3):389-94. Italian.