

Curriculum Vitae

Personal information **Barbara Attenni**

Work experience

1. Employer: Agenzia Italiana del Farmaco _ AIFA
 - Start date: 062019
 - End date:
 - Position: Quality Assessor
 - Activities: Evaluation of the quality (module 3) sections of pharmaceutical dossier submitted for the marketing authorisation of new medicinal product (including herbal and homeopathic medicinal products) in community (MRP and DC) procedures when Italy acts as RMS and CMS. Evaluation of the quality (module 3) of pharmaceutical dossier submitted for the marketing authorisation of new medicinal product (including herbal and homeopathic product) in national procedures.
 - Country: Italy
2. Employer: Agenzia Italiana del Farmaco _ AIFA
 - Start date: 032016
 - End date: 052019
 - Position: Quality Assessor
 - Activities: Evaluation of the of pharmaceutical dossiers submitted for homeopathic medicinal products previously registered according to a national registration.
 - Country: Italy
3. Employer: IRBM Science Park
 - Start date: 122012
 - End date: 122015
 - Position: Research chemist
 - Activities: Peptides drug development, synthesis (solution and solid_phase), purification and characterization of peptides.
 - Country: Italy
4. Employer: Sigma_tau (Now Alfa_sigma)
 - Start date: 122010
 - End date: 122011
 - Position: Technical specialist
 - Activities: Stability studies and analytical method development in the pharmaceutical development laboratory.
 - Country: Italy
5. Employer: IRBM _ P. Angeletti (MSD)
 - Start date: 051999
 - End date: 092009
 - Position: Research chemist
 - Activities: Development, synthesis, purification and characterization of biologically active molecules in antiviral and anticancer research program.
 - Country: Italy

Education and training

1. Subject: Department of Pharmaceutical Sciences at the university of Pavia
 - Start date: 02/2022
 - End date: 03/2023
 - Qualification: Master II level in pharmaceutical technologies and regulatory activities
 - Organisation: Pharmaceutical technologies, regulatory activities.
 - Country: Italy
2. Subject: Department of Pharmacy and Medicine at the University of Rome La Sapienza
 - Start date: 122014
 - End date: 122015
 - Qualification: Master II level in Regulatory Science Medicines
 - Organisation: Pharmaceutical Regulatory Science: regulatory framework, research and development of the drug, registration of a drug (Dossier), quality control areas, GMP, GLP, GCP, pharmacovigilance inspections, medicinal products for advanced therapies, vaccines and herbal, health economics and drug economy, HTA.
 - Country: Italy
3. Subject: University of Rome La Sapienza
 - Start date: 111991
 - End date: 041998
 - Qualification: Degree in Chemistry (5 years course, equivalent to BSc + MSc)
 - Organisation:
 - Country: Italy

Additional information

Publications

S Cianetti S., Brett Cooper, V., Attenni B., Pucci V., Fiore F., Giuliano C., Laufer R., Gardelli C., Monteagudo E., Narjes F., Pearce G. E., Rowley M. Enhancement of intestinal absorption of 2_methyl_cytidine prodrugs. Drug Delivery, 17 (4), 214_222 (2010). Martin Hernando J. I.; Ontoria, Malancona, S.; Attenni, B.; Fiore, F.; Bonelli, F.; Koch, U.; Di Marco, S.; Colarusso, S.; Ponzi, S.; Gennari, N.; Vignetti, S. E.; Rico Ferreira, M.; Habermann, J.; Rowley, M.; Narjes F. Optimization of thienopyrrole_based finger_loop inhibitors of the hepatitis c virus NS5B

polymerase. *ChemMedChem*, 4, (10), 1695_1713 (2009). Gardelli, C.; Attenni, B.; Donghi, M.; Meppen, M.; Pacini, B.; Harper, S.; Di Marco, A.; Fiore, F.; Giuliano, C.; Pucci, V.; Laufer, R.; Gennari, N.; Marcucci, I.; Leone, J. F.; Olsen, D. B.; MacCoss, M.; Rowley, M.; Narjes F. Phosphoramidate prodrugs of 2'-C-Methylcytidine for therapy of hepatitis C virus infection. *Journal of Medicinal Chemistry*, 52, (17), 5394_5407 (2009). Ontoria, J. M.; Rydberg, E. H.; Di Marco, S.; Tomei, L.; Attenni, B.; Malancona, S.; Martin Hernandez J. I.; Gennari, N.; Koch, U.; Narjes, F.; Rowley, M.; Summa, V.; Carroll, S. S.; Olsen, D. B.; De Francesco, R.; Altamura, S.; Migliaccio G.; Carli A. Identification and biological evaluation of a series of 1H-Benzof[de]isoquinoline_1,3(2H)_diones as hepatitis C virus NS5B polymerase inhibitors. *Journal of Medicinal Chemistry*, 52 (16), 5217_5227 (2009). Attenni, B.; Ontoria, J. M.; Cruz, J. C.; Rowley, M.; Schultz_Fademrecht, C.; Steinkühler, C.; Jones, P. Histone deacetylase inhibitors with a primary amide zinc binding group display antitumor activity in xenograft model. *Bioorganic & Medicinal Chemistry Letters*, 19, (11), 3081_3084 (2009). Malancona S.; Martin Hernandez J. I.; Attenni, B.; Ontoria J. M.; Narjes F. Improved modular synthesis of thieno[3,2-b]pyrroles and thieno[2,3-b]pyrroles. *Tetrahedron Letters*, 50, 14, 1625_1628, (2009). Donghi, M.; Attenni, B.; Gardelli, C.; Di Marco, A.; Fiore, F.; Giuliano, C.; Laufer, R.; Leone, J. F.; Pucci, V.; Rowley, M.; Narjes, F. Synthesis and evaluation of novel phosphoramidate prodrugs of 2'-methyl cytidine as inhibitors of hepatitis c virus NS5B polymerase. *Bioorganic & Medicinal Chemistry Letters*, 19, (5), 1392_1395 (2009). Pescatore, G.; Kinzel, O.; Attenni, B.; Cecchetti, O.; Fiore, F.; Fonsi, M.; Rowley, M.; Schultz_Fademrecht, C.; Serafini, S.; Steinkühler, C.; Jones, P. Optimization of a series of potent and selective ketone histone deacetylase inhibitors. *Bioorganic & Medicinal Chemistry Letters*, 18(20), 5528_5532 (2008). Ontoria, J. M.; Martin Hernandez, J. I.; Malancona, S.; Attenni, B.; Stansfield, I.; Conte, I.; Ercolani, C.; Habermann, J.; Ponzi, S.; Di Filippo, M.; Koch, U.; Rowley, M.; Narjes, F. Identification of thieno[3,2-b]pyrroles as allosteric inhibitors of hepatitis C virus NS5B polymerase. *Bioorganic & Medicinal Chemistry Letter*, 16 (15), 4026_4030 (2006). Koch, U.; Attenni, B.; Malancona, S.; Colarusso, S.; Conte, I.; Di Filippo, M.; Harper, S.; Pacini, B.; Giomini, C.; Thomas, S.; Incitti, I.; Tomei, L.; De Francesco, R.; Altamura, S.; Matassa, V. G.; Narjes, F. 2-(2-Thienyl)_5,6-dihydroxy_4-carboxypyrimidines as Inhibitors of the Hepatitis C Virus NS5B Polymerase: Discovery, SAR, Modeling, and Mutagenesis. *Journal of Medicinal Chemistry* 49 (5), 1693_1705 (2006). Colarusso, S.; Attenni, B.; Avolio, S.; Malancona, S.; Harper, S.; Altamura, S.; Koch, U.; Narjes, F. Inhibitors of the Hepatitis C Virus RNA_dependent RNA Polymerase. *ARKIVOC (vii)*, 479_495, (2006). Attenni B.; Cerreti A.; D'Annibale A.; Resta S.; Trogolo C. Manganese(III)_Promoted Sulfur_Directed 4_Exo_Trig Radical Cyclization Of Enamides to $\square$ _Lactams *Tetrahedron*, 54, 12029_12038, (1998). PATENTS: Attenni, B.; Donghi, M.; Gardelli, Meppen, M.; Narjes, F.; Pacini, B. Antiviral agents. WO 2008142055. POSTER PRESENTATION: Attenni B., Altamura S., Cruz J. C., Kinzel O. D., Ontoria J. M., Rowley M., Schultz_Fademrecht C., Steinkühler C., Jones P. Histone deacetylase inhibitors with antitumor activity in vivo containing alternative zinc binding groups. International Symposium on Advances in Synthetic and Medicinal Chemistry ASMC 07 San Pietroburgo, Russia _ 27 - 31 Agosto 2007. Narjes, F.; Gardelli, C.; Donghi, M.; Attenni, B.; Durette, P. L. Preparation of nucleoside aryl phosphoramidates for the treatment of RNA_dependent RNA viral infection. WO 2008085508. Attenni B.; Martin Hernandez J. I.; Malancona S.; Narjes F.; Ontoria J. M.; Rowley M. Preparation of thienopyrroles as antiviral agents. WO 2005023819. Attenni, B.; Ferrigno, F.; Jones, P.; Ingenito, R.; Kinzel, O.; Llauger Bufi, L.; Ontoria Ontoria, J. M.; Pescatore, G.; Rowley, M.; Scarpelli, R.; Schultz, C. Preparation of heterocycle derivatives as histone deacetylase inhibitors. WO 2006061638.

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