



**Europass
Curriculum Vitae**

Personal information

First name(s) / Surname(s) **OmbrettaTurriziani**
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E-mail ombretta.turriziani@uniroma1.it
Nationality Italian
Gender female

Occupational field (MED/07)

Work experience

Dates January 2005-onwards
Occupation or position held Associate Professor of Virology
Main activities and responsibilities Lecturer in several graduate courses
Research activity in HIV field
Chief of a research group
Name and address of employer Sapienza, University of Rome, P.le A. Moro 5, 00185 Rome, Italy
Dates 1994-2004
Occupation or position held Leadership laboratory at Virology section of the Dept. of Experimental Medicine and Pathology,
Research activity

Health officer at the laboratory of virology
Sapienza, University of Rome, P.le A. Moro 5, 00185 Rome, Italy

Dates 1990-1994
Occupation or position held PhD student at the Institute of Virology
Main activities and responsibilities Working in a research team to carry out the doctoral thesis
02.02.1993 to 26.03.1993 Visiting scientist in the "Molecular Virology Group of the Department Pharmaceutical Research New Technologies, Biology"-Hoffmann -La Roche, Basel, Switzerland.
Name and address of employer "La Sapienza" University of Rome, P.le A. Moro 5, 00185 Rome, Italy

Dates 1988-1991
Occupation or position held Student, at the Institute of Virology
Main activities and responsibilities Working in a research team to carry out the experimental thesis for the degree in Biological science
Name and address of employer "La Sapienza" University of Rome, P.le A. Moro 5, 00185 Rome, Italy

Education and training

Dates 2002
Title of qualification awarded Specialization in Microbiology and Virology
Name and type of organisation providing education and training "La Sapienza" University of Rome, P.le A. Moro 5, 00185 Rome, Italy

Dates 1994
Title of qualification awarded PhD in Immunobiology of viruses
Name and type of organisation providing education and training University of Pisa, Via san Zeno 35/39, Pisa-
"La Sapienza" University of Rome, P.le A. Moro 5, Rome, Italy

Dates 1989
Title of qualification awarded Bachelor of Biological Science
"La Sapienza" University of Rome, P.le A. Moro 5, Rome, Italy

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (*)Language

English

Understanding		Speaking				Writing	
Listening	Reading	Spoken interaction		Spoken production			
B2	B2	B2		B2		B2	

(*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

Teaching	<p>2004/2005-present Professor of Molecular Virology at the Medical Biothecnology course., Sapienza, University of Rome. (course coordinator)</p> <p>2010/2011- present Professor of Virology , at the 1st Medical School of Sapienza- University of Rome</p> <p>2004/2005-present Professor of Diagnostic Methodology in Virology at the school for Technicians Sapienza, University of Rome (course coordinator)</p> <p>2004/2005-present. Professor of Microbiology at the school for Diagnostic Techniques, Sapienza, University of Rome . (course coordinator)</p> <p>2012/2013 –present. Professor of Microbiology at the Nursing School, Sapienza. University of Rome</p> <p>2012-present. Teaching body PhD course in Life Science</p>
Receiving	<p>Tuesday 10:00-12:00 am</p>
Grants	<p>1999: UNESCO-CNR-Project title “Cellular factors involved in the induction of resistance to antiretroviral treatment of HIV-1 infection”.</p> <p>2000: Programma Nazionale sull’AIDS- Progetto Patologia clinica e terapia dell’AIDS- Azione concertata per studi clinici coordinati, ISS. Project title “Resistenza ai farmaci antiretrovirali”.</p> <p>2005: Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN). Principal investigator: Project title "Studio dei fattori cellulari responsabili di resistenza agli antiretrovirali"</p> <p>2011: Ricerche Universitarie, Principal investigator, Project title: “Studio delle varianti farmacoresistenti di HIV-1 nei diversi distretti anatomici”</p> <p>2015: Fellowship Program 2015 (Gilead). Principal investigator, project title: Analisi del “Viral burden”, HIV-DNA, viremia residua e di marcatori sistemici dell’ immunoattivazione/infiammazione in donne HIV positive in trattamento antiretrovirale: significato prognostico e confronto con una popolazione maschile.</p> <p>2015: Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN). Scientific coordinator of Research Unit 7 (RU7), Project title “Persistent and latent viral infections: mechanisms controlling viral reactivation/replication and chronic/degenerative damages.</p> <p>2015-2016. Member of Research Committee of Sapienza University of Rome:</p>

1. Massimi I, Lotti LV, Temperilli F, Mancone M, Sardella G, Calcagno S, Turriziani O, Frati L, Pulcinelli FM. Enhanced platelet MRP4 expression and correlation with platelet function in patients under chronic aspirin treatment. *Thromb Haemost.* 2016 Nov 30;116(6):1100-1110. Epub 2016 Sep 29. PubMed PMID: 27683757. (IF 5.2)
2. Meini G, Dello Russo C, Alice T, Barresi R, D'Arrigo R, Falasca F, Lipsi MR, Paolucci S, Zanussi S, Antonetti R, Baldanti F, Basaglia G, Bruzzone B, Polilli E, Ghisetti V, Pucillo LP, Turriziani O, Pirazzoli A, Navarra P, Zazzi M. First external quality assurance program of the Italian HLA-B*57:01 Network assessing the performance of clinical virology laboratories in HLA-B*57:01 testing. *J Clin Virol.* 2016 May;78:1-3. doi: 10.1016/j.jcv.2016.02.020. Epub 2016 Feb 23. PubMed PMID: 26946153. (IF 2.6)
3. Vicenti I, Falasca F, Sticchi L, Bruzzone B, Turriziani O, Zazzi M. Evaluation of a commercial real-time PCR kit for the detection of the Q80K polymorphism in plasma from HCV genotype 1a infected patients. *J Clin Virol.* 2016 Mar;76:20-3. doi: 10.1016/j.jcv.2016.01.006. Epub 2016 Jan 12. PubMed PMID: 26802683. (IF 2.6)
4. Falasca F, Dello Russo C, Mora B, Pirazzoli A, Fantauzzi A, Navarra P, Pizzuti A, De Vito C, Antonelli G, Turriziani O. Comparative Analysis of Real-Time Polymerase Chain Reaction Methods to Typing HLA-B*57:01 in HIV-1-Positive Patients. *AIDS Res Hum Retroviruses.* 2016 Jul;32(7):654-7. doi: 10.1089/AID.2015.0303. (IF 1.9)
5. Scagnolari C, Monteleone K, Selvaggi C, Pierangeli A, D'Ettorre G, Mezzaroma I, Turriziani O, Gentile M, Vullo V, Antonelli G. ISG15 expression correlates with HIV-1 viral load and with factors regulating T cell response. *Immunobiology.* 2016 Feb;221(2):282-90. doi: 10.1016/j.imbio.2015.10.007. (IF 3.8)
6. d'Ettorre G, Ceccarelli G, Giustini N, Serafino S, Calantone N, De Girolamo G, Bianchi L, Bellelli V, Ascoli-Bartoli T, Marcellini S, Turriziani O, Brenchley JM, Vullo V. Probiotics Reduce Inflammation in Antiretroviral Treated, HIV-Infected Individuals: Results of the "Probio-HIV" Clinical Trial. *PLoS One.* 2015;10(9):e0137200. doi: 10.1371/journal.pone.0137200. (IF 3.0)
7. Falasca F, Mazzuti L, D'Ettorre G, Paoletti F, Tripolino O, Serafino S, Antonelli G, Turriziani O. Dynamics of HIV DNA and residual viremia in patients treated with a raltegravir-containing regimen. *J Acquir Immune Defic Syndr.* 2015 Feb 1;68(2):e18-20. doi: 10.1097/QAI.0000000000000414. (IF 3.8)
8. Falasca F, Maida P, Gaeta A, Verzaro S, Mezzaroma I, Fantauzzi A, Donato G, Bonci E, Castillette C, Antonelli G, Turriziani O. Detection and quantification of EBV, HHV-6 and CMV DNA in the gastrointestinal tract of HIV-positive patients. *Infection.* 2014 Dec;42(6):1033-7. doi: 10.1007/s15010-014-0690-5. (IF 2.9)
9. Svicher V, Alteri C, Montano M, Nori A, D'Arrigo R, Andreoni M, Angarano G, Antinori A, Antonelli G, Alice T, Bagnarelli P, Baldanti F, Bertoli A, Borderi M, Boeri E, Bon I, Bruzzone B, Barresi R, Calderisi S, Callegaro AP, Capobianchi MR, Gargiulo F, Castelli F, Cauda R, Ceccherini-Silberstein F, Clementi M, Chirianni A, Colafigli M, D'Arminio Monforte A, De Luca A, Di Biagio A, Di Nicuolo G, Di Perri G, Di Santo F, Fadda G, Galli M, Gennari W, Ghisetti V, Costantini A, Gori A, Gulminetti R, Leoncini F, Maffongelli G, Maggiolo F, Maserati R, Mazzotta F, Meini G, Micheli V, Monno L, Mussini C, Nozza S, Paolucci S, Palù G, Parisi S, Parruti G, Pignataro AR, Quirino T, Re MC, Rizzardini G, Sanguinetti M, Santangelo R, Scaggiante R, Sterrantino G, Turriziani O, Vatteroni ML, Viscoli C, Vullo V, Zazzi M, Lazzarin A, Perno CF. Genotypic testing on HIV-1 DNA as a tool to assess HIV-1 co-receptor usage in clinical practice: results from the DIVA study group. *Infection.* 2014 Feb;42(1):61-71. (IF 2.6)
10. Riva E, Scagnolari C, Turriziani O, Antonelli G. Hepatitis C virus and interferon type III (interferon-λ3/interleukin-28B and interferon-λ4): genetic basis of susceptibility to infection and response to antiviral treatment. *Clin Microbiol Infect.* 2014 Dec;20(12):1237-45. doi: 10.1111/1469-0691.12797. Epub 2014 Dec 12. Review. PubMed PMID: 25273834. (IF 5.7)

11. Turriziani O, Falasca F, Maida P, Gaeta A, De Vito C, Mancini P, De Seta D, Covelli E, Attanasio G, Antonelli G. Early collection of saliva specimens from Bell's palsy patients: quantitative analysis of HHV-6, HSV-1, and VZV. *J Med Virol.* 2014 Oct;86(10):1752-8. doi: 10.1002/jmv.23917. Epub 2014 Mar 12. PubMed PMID: 24619963. (IF 2.3)
12. Cagliuso M, Conti V, Trasarti S, Lombardi L, Riminucci M, Perez M, Turriziani O, Falasca F, Nanni M, Tafuri A, Mezzaroma I. Splenic marginal zone lymphoma in a HIV-1 infected patient: evidence favouring a pathogenetic role of HIV-1 itself in the lymphomagenesis. *Infection.* 2013 Feb;41(1):255-8. doi: 10.1007/s15010-012-0344-4. Epub 2012 Sep 25. PubMed PMID: 23007326. (IF 2.7)
13. De Luca A, Dunn D, Zazzi M, Camacho R, Torti C, Fanti I, Kaiser R, Sönnnerborg A, Codoñer FM, Van Laethem K, Vandamme AM, Bansi L, Ghisetti V, van de Vijver DA, Asboe D, Prospero MC, Di Giambenedetto S; SEHERE collaboration in Chain.. Declining prevalence of HIV-1 drug resistance in antiretroviral treatment-exposed individuals in Western Europe. *J Infect Dis.* 2013;207(8):1216-20. doi: 10.1093/infdis/jit017. (IF 5.8)
14. Antonelli G, Turriziani O. Antiviral therapy: old and current issues. *Int J Antimicrob Agents.* 2012;40(2):95-102. doi: 10.1016/j.ijantimicag.2012.04.005. Epub 2012 Jun 21. Review. PubMed PMID: 22727532. (IF 4.4)
15. Turriziani O, Montagna C, Falasca F, Bucci M, Russo G, Lichtner M, Sobze MS, Vullo V, Pistello M, Antonelli G. Short communication: analysis of the integrase gene from HIV type 1-positive patients living in a rural area of West Cameroon. *AIDS Res Hum Retroviruses.* 2012 Dec;28(12):1729-33. doi: 10.1089/AID.2011.0266. Epub 2012 Mar 2. PubMed PMID: 22214532. (IF 2.7)
16. Pierangeli A, Degener AM, Ferreri ML, Riva E, Rizzo B, Turriziani O, Luciani S, Scagnolari C, Antonelli G. Interferon-induced gene expression in cervical mucosa during human papillomavirus infection. *Int J Immunopathol Pharmacol.* 2011; 24(1):217-23. (IF 3.0)
17. Falasca F, Maida P, Montagna C, Antonelli L, d'Ettorre G, Monteleone K, Antonelli G, Turriziani O. Expression of the mRNA levels for MDR1, MRP1, MRP4, and MRP5 in HIV antiretroviral naive patients: follow-up at 48 weeks after the beginning of therapy. *J Acquir Immune Defic Syndr.* 2011;56):e54-6. (IF 4.4)
18. Scagnolari C, Trombetti S, Soldà A, Selvaggi C, Monteleone K, Spano L, Pierangeli A, Clementi M, Turriziani O, Antonelli G. Pandemic 2009 H1N1 influenza virus is resistant to the antiviral activity of several interferon alpha subtypes. *J Interferon Cytokine Res.* 2011 Jun;31(6):475-9. doi:10.1089/jir.2010.0125. (IF 3.0)
19. Turriziani O, Boni A, Falasca F, Graziano F, Bucci M, D'Ettorre G, Fantauzzi A, Paoletti F, Massetti AP, Mezzaroma I, Antonelli G. Mutational resistance pattern of HIV type 1 in CD14+ monocytes, CD4+ T cells, and plasma from treated patients. *AIDS Res Hum Retroviruses.* 2010 Jun;26(6):625-34. doi: 10.1089/aid.2009.0183. (IF 2.1)
20. Turriziani O, Andreoni M, Antonelli G. Resistant viral variants in cellular reservoirs of human immunodeficiency virus infection. *Clin Microbiol Infect.* 2010;16(10):1518-24. (IF 4.8)
21. Clemente MI, Alvarez S, Serramía MJ, Turriziani O, Genebat M, Leal M, Fresno M, Muñoz-Fernández MA. Non-steroidal anti-inflammatory drugs increase the antiretroviral activity of nucleoside reverse transcriptase inhibitors in HIV type-1-infected T-lymphocytes: role of multidrug resistance protein 4. *Antivir Ther.* 2009;14(8):1101-11. (IF 4.3)
22. Turriziani O, Gianotti N, Falasca F, Boni A, Vestri AR, Zoccoli A, Lazzarin A, Antonelli G. Expression levels of MDR1, MRP1, MRP4, and MRP5 in peripheral blood mononuclear cells from HIV infected patients failing antiretroviral therapy. *J Med Virol.* 2008;80(5):766-71. (IF 2.6)

23. Turriziani O, Bucci M, Stano A, Scagnolari C, Bellomi F, Fimiani C, Mezzaroma I, D'Ettorre G, Brogi A, Vullo V, Antonelli G. Genotypic resistance of archived and circulating viral strains in the blood of treated HIV-infected individuals. *J Acquir Immune Defic Syndr*. 2007;44(5):518-24. (IF 4.4)
24. Turriziani O, Pagnotti P, Pierangeli A, Focher F, Baranello C, Bellomi F, Falasca F, Morgan J, Schuetz JD, Antonelli G. The effects of prolonged treatment with zidovudine, lamivudine, and abacavir on a T-lymphoblastoid cell line. *AIDS Res Hum Retroviruses*. 2006;22(10):960-7. (IF 2.5)
25. Turriziani O, Butera O, Gianotti N, Parisi SG, Mazzi R, Girardi E, Iaiani G, Antonelli L, Lazzarin A, Antonelli G. Thymidine kinase and deoxycytidine kinase activity in mononuclear cells from antiretroviral-naive HIV-infected patients. *AIDS*. 2005;19(5):473-9. (IF 5.8)
26. Turriziani O, Gianotti N, Bambacioni F, Manconi PE, Lazzarin A, Antonelli G. Lack of reduction of thymidine kinase activity in stavudine-treated HIV-infected patients. *AIDS Res Hum Retroviruses*. 2004;20(7):701-3. (IF 2.5)
27. Turriziani O, Scagnolari C, Bellomi F, Solimeo I, Focher F, Antonelli G. Cellular issues relating to the resistance of HIV to antiretroviral agents. *Scand J Infect Dis Suppl*. 2003;106:45-8. Review. (IF 1.2)
28. Turriziani O, Scagnolari C, Bambacioni F, Bellomi F, Focher F, Gentile M, Antonelli G. Selection of a T-cell line resistant to stavudine and zidovudine by prolonged treatment with stavudine. *Antivir Ther*. 2002 Jun;7(2):105-11. (IF 6.5)
29. Turriziani O, Schuetz JD, Focher F, Scagnolari C, Sampath J, Adachi M, Bambacioni F, Riva E, Antonelli G. Impaired 2',3'-dideoxy-3'-thiacytidine accumulation in T-lymphoblastoid cells as a mechanism of acquired resistance independent of multidrug resistant protein 4 with a possible role for ATP-binding cassette C11. *Biochem J*. 2002;368(Pt 1):325-32. (IF 4.6)
30. Dianzani F, Antonelli G, Riva E, Turriziani O, Antonelli L, Tying S, Carrasco DA, Lee H, Nguyen D, Pan J, Poast J, Cloyd M, Baron S. Is human immunodeficiency virus RNA load composed of neutralized immune complexes? *J Infect Dis*. 2002;185(8):1051-4. (IF 4.8)

Textbooks (Chapters, etc.)
(Max 5)

1. G. Antonelli and O.Turriziani. Mechanism of action of antiviral agents, in *Practical Handbook of Microbiology*, 2015. Edited by E. Goldman & LH Green. Third edition, CRC Press Taylor & Francis Group.
2. O. Turriziani. Replicazione dei virus ed effetti sulla cellula ospite in *Principi di Virologia Medica* G. Antonelli, M. Clementi (a cura di), 2a ed., Casa Editrice Ambrosiana, 2012, pp B11-B23.
3. O. Turriziani . Oncogenesi Virale. in *Principi di Virologia Medica* G. Antonelli, M. Clementi (a cura di), 2a ed., Casa Editrice Ambrosiana, 2012, pp B37-B45
4. G Antonelli e O Turriziani. Farmaci antivirali. in *Principi di Virologia Medica* G. Antonelli, M. Clementi (a cura di), 2a ed., Casa Editrice Ambrosiana, 2012, pp B340-B350.
5. G Antonelli, F Bellomi, O Turriziani, F Bagnato, C Scagnolari and F Dianzani. In vivo development of antibody to IFNs in IFN-treated patients. In: *Interferon: Current Status*, 2007. Editor KC Chandha. Cap 13 pp 293-309.

Firmato
Ombretta Turriziani