

CURRICULUM VITAE

EUROPEAN FORMAT

PERSONAL INFORMATION

Name,surname	Piero Attilio Bianco
Address	Department of Agricultural and Environmental Sciences- Università degli Studi
House number, street name, postcode, city, country	via Celoria 2 20133 Milano - Italy
Telephone	00390250316794
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E-mail	piero.bianco@unimi.it
Website	
Nationality	Italy
Place and Date of birth	Milano, June 28, 1956

WORK EXPERIENCE

Name and address of employer	from 2005 to now Università degli Studi di Milano
Type of business or sector	Teaching
Occupation or position held	Full professor on Plant Pathology
Main activity and responsibility	Courses of Biotechnology applied in Plant Pathology, Advance in grapevine Plant Pathology)

Name and address of employer	from 2005 to 2008 Università degli Studi di Milano
Type of business or sector	Academy
Occupation or position held	Director of Plant Pathology Institute
Main activity and responsibility	Management of teaching and scientific activities of the Plant Pathology Institute

Name and address of employer	from 2010 to now Center for Research and Innovation on Viticulture and Enology (Università degli Studi - Milano)
Type of business or sector	Research
Occupation or position held	Director
Main activity and	Management and coordination of the research activities of the projects on

responsibility	viticulture and enology
Name and address of employer	from 2001 to 2005 Università degli Studi di Milano
Type of business or sector	teaching activities
Occupation or position held	associate professor
Main activity and responsibility	courses on plant virology and Biotechnology applied in Plant Pathology
Name and address of employer	from 2006 to now Istituto di Virologia Vegetale (CNR)
Type of business or sector	research
Occupation or position held	associate member
Main activity and responsibility	collaboration for clonal selection of grapevine and on phytoplasma diseases projects
Name and address of employer	from 2010 to 2013 Unione Italiana Vini
Type of business or sector	Technology transfer
Occupation or position held	president
Main activity and responsibility	To lead the scientific committee of TERGEO project (Unione Italiana Vini) for the development of sustainable viticulture in Italy
Name and address of employer	from 1988 to 2001 Consiglio Nazionale delle Ricerche: Centro CNR per il Miglioramento Sanitario delle Colture Agrarie – via Celoria 2 – Milano
Type of business or sector	research
Occupation or position held	researcher
Main activity and responsibility	research on plant virology and phytoplasma diseases

EDUCATION AND TRAINING

Dates	1976 - 1983
Name and type of organisation providing education and training	Degree on Agricultural Sciences –
Principal subjects occupational skills covered	Plant Pathology
Title of qualification awarded	Master Degree
Level in National classification	Dottore

RESEARCH ACTIVITIES

Research sectors

Phytoplasma and virus diseases

Recent Scientific Activities

Delegate of the COST Action FA0807 (2009-2013)

Member of the Scientific Committee of the Centro Interdipartimentale per la Cooperazione e lo Sviluppo Agro Alimentare (CICSAA)

Promoter of the academic spin off company IPADLAB srl.

Coordinator of the Strategic Research Team UniCS (Università per la Cooperazione allo Sviluppo) of University of Milan.

MUSA (H2020) EAB (External Advisory Board) of the project "Microbial Uptakes for Sustainable management of major banana pests and diseases"

TAIEX EXPERT of the European Commission (DG Enlargement) in the frame of the Collaboration with the National Center for Agricultural Research and Extension (NARC) of Jordan.

Member of the board of Lebanese Ministry of Agriculture for the project on Almond Witches Broom disease containment from 2009 to 2014

Books and Articles -

more than 200 publications; 60 of them with IF

a short selection:

1. Passera A. H. Alizadeh, M. Azadvar, F. Quaglino, A. Alizadeh, P. Casati and P.A. Bianco (2018). Studies of Microbiota Dynamics Reveals Association of "*Candidatus Liberibacter Asiaticus*" Infection with Citrus (*Citrus sinensis*) Decline in South of Iran. *International Journal of Molecular Sciences*, (in press.)
2. P. Tawidian, M. Jawhari, H. Sobh, P. Bianco, Y Abou-Jawdah (2018). The potential of grafting with selected stone fruit varieties for management of almond witches' broom. *Phytopath. Mediterr.*, 10.14601/Phytopathol_Mediterr-20609
3. R. Pierro, Passera, Alessandro, A. Panattoni, Casati, Paola, A. Luvisi, D. Rizzo, Bianco, Piero Attilio, Quaglino, Fabio, A. Materazzi (2018). Molecular typing of 'bois noir' phytoplasma strains in the Chianti Classico area (Tuscany, central Italy) and their association with symptom severity in *Vitis vinifera* L. cv. Sangiovese. *PHYTOPATHOLOGY*, ISSN: 0031-949X, doi: 10.1094/PHYTO-06-17-0215-R
4. A. Passera, G. Venturini, G. Battelli, P. Casati, F. Penaca, F. Quaglino, P.A. Bianco (2017). Competition assays revealed *Paenibacillus pasadenensis* strain R16 as a novel antifungal agent. *MICROBIOLOGICAL RESEARCH*, vol. 198, p. 16-26, ISSN: 0944-5013, doi: 10.1016/j.micres.2017.02.001
5. H. Alizadeh, F. Quaglino, M. Azadvar, S. Kumar, A. Alizadeh, F. Bolboli, P. Casati, P.A. Bianco (2017). First Report of a New Citrus Decline Disease (CDD) in Association with Double and Single Infection by '*Candidatus Liberibacter asiaticus*' and '*Candidatus Phytoplasma aurantifolia*' Related Strains in Iran. *PLANT DISEASE*, vol. 101, p. 2145, ISSN: 0191-2917, doi: 10.1094/PDIS-05-17-0670-PDN
6. S. Chebil, R. Fersi, M. Bouzid, QUAGLINO, FABIO, S. Chenenaoui, I.

- Melki, G. Durante, E. Zacchi, B. A. Bahri, BIANCO, PIERO ATTILIO, A. Rhouma (2017). Fungi from the Diaporthaceae and Botryosphaeriaceae families associated with grapevine decline in Tunisia. *CIENCIA E INVESTIGACIÓN AGRARIA*, vol. 44, p. 127-138, ISSN: 0718-3267, doi: 10.7764/rcia.v44i2.1625
7. F. Quaglino, S. Murolo, Y. Zhao, P. Casati, G. Durante, W. Wei, P.A. Bianco, G. Romanazzi, R.E. Davis (2017). Identification of new -J and -K 16SrXII subgroups and distinct single nucleotide polymorphism genetic lineages among 'Candidatus Phytoplasma solani' strains associated with Bois noir in central Italy. *AUSTRALASIAN PLANT PATHOLOGY*, vol. 46, p. 31-34, ISSN: 0815-3191, doi: 10.1007/s13313-016-0461-0
 8. P. Casati, M. Jermini, F. Quaglino, G. Corbani, S. Schaerer, A. Passera, P.A. Bianco, I.E. Rigamonti (2017). New insights on Flavescence dorée phytoplasma ecology in the vineyard agro-ecosystem in southern Switzerland. *ANNALS OF APPLIED BIOLOGY*, ISSN: 0003-4746, doi: 10.1111/aab.12359
 9. Tawidian, Patil, Jawhari, Maan, Sobh, Hana, Bianco, Piero, Abou-Jawdah, Yusuf (2017). The potential of grafting with selected stone fruit varieties for management of almond witches' broom. *PHYTOPATHOLOGIA MEDITERRANEA*, vol. 56, p. 458-469, ISSN: 0031-9465, doi: 10.14601/Phytopathol_Mediterr-20609
 10. S.L. Toffolatti, G. Maddalena, D. Salomoni, D. Maghradze, P.A. Bianco, O. Failla (2016). Evidence of resistance to the downy mildew agent *Plasmopara viticola* in the Georgian *Vitis vinifera* germplasm. *VITIS*, vol. 55, p. 121-128, ISSN: 0042-7500, doi: 10.5073/vitis.2016.55.121-128
 11. S..L. Toffolatti, G. Venturini, P..A. Bianco (2016). First Report of SDHI Resistant Strains of *Venturia inaequalis* From Commercial Orchards in Northern Italy. *PLANT DISEASE*, vol. 100, p. 2324-2325, ISSN: 0191-2917, doi: 10.1094/PDIS-03-16-0361-PDN
 12. F. Quaglino, D. Maghradze, P. Casati, N. Chkhaidze, M. Lobjanidze, A. Ravasio, A. Passera, G. Venturini, O. Failla, P.A. Bianco (2016). Identification and characterization of new 'Candidatus Phytoplasma solani' strains associated with bois noir disease in *Vitis vinifera* L. cultivars showing a range of symptoms severity in Georgia, the Caucasus region. *PLANT DISEASE*, vol. 100, p. 904-915, ISSN: 0191-2917, doi: 10.1094/PDIS-09-15-0978-RE
 13. P. Casati, F. Quaglino, Y. Abou-Jawdah, L. Picciau, A. Cominetti, R. Tedeschi, M. Jawhari, E. Choueiri, H. Sobh, M. Molino Lova, M. Beyrouthy, A. Alma, P.A. Bianco (2016). Wild plants could play a role in the spread of diseases associated with phytoplasmas of pigeon pea witches'-broom group (16SrIX). *JOURNAL OF PLANT PATHOLOGY*, vol. 98, p. 71-81, ISSN: 1125-4653, doi: 10.4454/JPP.V98I1.026
 14. R. Tedeschi, L. Picciau, F. Quaglino, Y. Abou-Jawdah, M. Molino Lova, M. Jawhari, P. Casati, A. Cominetti, E. Choueiri, H. Abdul-Nour, P.A. Bianco, A. Alma (2015). A cixiid survey for natural potential vectors of 'Candidatus Phytoplasma phoenicium' in Lebanon and preliminary transmission trials. *ANNALS OF APPLIED BIOLOGY*, vol. 166, p. 372-388, ISSN: 0003-4746, doi: 10.1111/aab.12188
 15. N. Mori, A. Passera, F. Quaglino, G. Posenato, P.A. Bianco (2015). Epidemiological role of spontaneous weeds in the spreading of "bois noir" phytoplasma. *PHYTOPATHOGENIC MOLLICUTES*, vol. 5, p. 105-106, ISSN: 2249-4669, doi: 10.5958/2249-4677.2015.00044.4
 16. P. Casati, D. Maghradze, F. Quaglino, A. Ravasio, O. Failla, P.A. Bianco (2015). First report of Grapevine Pinot gris virus in Georgia. *JOURNAL OF PLANT PATHOLOGY*, vol. 97, p. 1, ISSN: 1125-4653, doi:

17. N. Mori, F. Quaglino, F. Tessari, A. Pozzebon, D. Bulgari, P. Casati, P.A. Bianco (2015). Investigation on 'bois noir' epidemiology in north-eastern Italian vineyards through a multidisciplinary approach. *ANNALS OF APPLIED BIOLOGY*, vol. 166, p. 75-89, ISSN: 0003-4746, doi: 10.1111/aab.12165
18. P. Casati, Quaglino F., Abou-Jawdah Y., Picciau L., Cominetti A., Tedeschi R., Jawhari M., Choueiri E., Sobh H., Molino Lova M., Beyrouthy M., Alma A., Bianco P.A. (2015). Wild plants could play a role in the diffusion of diseases associated with phytoplasmas of pigeon pea witches'-broom group (16SrIX). *JOURNAL OF PLANT PATHOLOGY* (2016), 98 (1), 71-81
19. F. Quaglino, D. Maghradze, P. Casati, N. Chkhaidze, M. Lobjanidze, A. Ravasio, A. Passera, G. Venturini, O. Failla, P.A. Bianco (2015). Identification and characterization of new 'Candidatus Phytoplasma solani' strains associated with bois noir disease in *Vitis vinifera* L. cultivars showing a range of symptoms severity in Georgia, the Caucasus region. *PLANT DISEASE*, doi.org/10.1094/PDIS-09-15-0978-RE, ISSN: 0191-2917
20. F. Quaglino, Kube M., Jawhari M., Abou-Jawdah Y., Siewert C., Choueiri E., Sobh H., Casati P., Tedeschi R., Molino Lova M., Alma A., Bianco P.A. (2015). 'Candidatus Phytoplasma phoenicium' associated with almond witches'-broom disease: from draft genome to genetic diversity among strain populations. *BMC MICROBIOLOGY* (2015) 15:148 DOI 10.1186/s12866-015-0487-4
21. N. Mori, A. Passera, F. Quaglino, G. Posenato, P.A. Bianco (2015). Epidemiological role of spontaneous weeds in the spreading of "bois noir" phytoplasma. *PHYTOPATHOGENIC MOLLIICUTES*, vol. 5, p. 105-106, ISSN: 2249-4669, doi: 10.5958/2249-4677.2015.00044.4
22. Abou-Jawdah Y., Abdel Sater A., Jawhari M., Sobh H., Abdul-Nour H., Bianco P.A., Molino Lova M., Alma A. (2014). *Asymmetrasca decedens* (Cicadellidae, Typhlocybi-nae), a natural vector of 'Candidatus Phytoplasma phoenicium'. *Annals of Applied Biology* 165, 395-403.
23. Abou-Jawdah Y., Sobh H., Akkary M. (2009). First report of Almond witches'-broom phytoplasma ('Candidatus Phytoplasma phoenicium') causing a severe disease on nectarine and peach trees in Lebanon. *OEPP/EPPO Bulletin* 39, 94-98.
24. Belli, G., Bianco, P.A., Conti, M. Grapevine yellows in Italy: Past, present and future (2010) - *Journal of Plant Pathology*, 92 (2), pp. 303-326.
25. Bulgari D. ; Bozkurt A.I., Casati P., Caglayan K., Quaglino F., Bianco P.A. - Endophytic bacterial community living in roots of healthy and 'Candidatus Phytoplasma mali'-infected apple (*Malus domestica*, Borkh.) trees. 2012, Antonie Van Leeuwenhoek International Journal of General and Molecular Microbiology 102 (4): 677-687.
26. Bulgari D., Casati P., Quaglino F., and Piero A. Bianco - Endophytic bacterial community of grapevine leaves influenced by sampling date and phytoplasma infection process. *BMC Microbiology* 2014, 14:198 (doi:10.1186/1471-2180-14-198)
27. Laimer, M., Lemaire, O., Herrbach, E., Goldschmidt, V., Minafra, A., Bianco, P., Wetzler, T. Resistance to viruses, phytoplasmas and their vectors in the grapevine in Europe: A review (2009) *Journal of Plant Pathology*, 91 (1), pp. 7-23.
28. Martini, M., Botti, S., Marcone, C., Marzachi, C., Casati, P., Bianco, P.A., Benedetti, R., Bertaccini, A. Genetic variability among flavescente dorée phytoplasmas from different origins in Italy and France (2002)

- Molecular and Cellular Probes (2002) 16, 197-208
29. Marzorati, M., Pajoro, M., Clementi, E., Brusetti, L., Raddadi, N., Balloi, A., Tedeschi, R., Corona, S., Quaglino, F., Bianco, P.A., Bandi, C., Sacchi, L., Alma, A., Daffonchio, D. - Characterization of the microflora associated to *Scaphoideus titanus*, the insect vector of the "flavescence dorée" (2008) *Bulletin of Insectology*, 61 (1), pp. 215-216.
30. Molino Lova M., Abou-Yawdah Y., Choueiri E., Beyrouthy M., Fakhr R., Bianco P.A., Alma A., Sobhn H., Jawahri M., Mortada C., Najjar P., Casati P., Quaglino F., Picciau L., Tedeschi R., Khalil S., Maacaroun R., Makfoud C., Haydar L., Al Achi R. (2013). Almond witches'-broom phytoplasma: disease monitoring and preliminary control measures in Lebanon. In: *Abstract Book of COST Action FA0807 Final Meeting* (Ed. Bertaccini A.), Sept 30th - Oct 1st, 2013, Lisbon, Portugal; pages 19-20.
31. Molino Lova M., Quaglino F., Abou-Jawdah Y., Choueiri E., Sobh H., Alma A., Tedeschi R., Casati P., Bianco P.A. (2011). '*Candidatus* *Phytoplasma phoenicium*'-related strains infecting almond, peach and nectarine in Lebanon. In: *Bulletin of Insectology* 64 (Supplement), Proceedings Working group meetings of COST ACTION FA0807, Neustadt/Weinstrasse (Germany) September 12-16, 2011, S267-S268.

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Reviewer of the following scientific journals

Annals of Applied Biology
European Journal of Plant Pathology
Plant Cell report
Plos One
Journal of Phytopathology
BMC -Microbiology
Annals of Environmental Microbiology
Journal of Plant Pathology
International Journal of Molecular sciences
Entomologia
Canadian Journal of Microbiology
Crop Protection

**ADDITIONAL
INFORMATION**

Member of American Society for Microbiology,
Member of Italian Plant Pathology Societies (SIPAV, Società Italiana di Patologia Vegetale and AIPP, Associazione Italiana per la Protezione delle Piante)
Member of Accademia della Vite e del Vino

TRATTAMENTO DEI
DATI PERSONALI,
INFORMATIVA E
CONSENSO

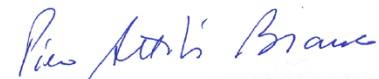
Il D.Lgs. 30/6/2003, n. 196 "Codice in materia di protezione dei dati personali" regola il trattamento dei dati personali, con particolare riferimento alla riservatezza, all'identità personale e al diritto di protezione dei dati personali; l'interessato deve essere previamente informato del trattamento .

La norma in considerazione intende come "trattamento" qualunque operazione o complesso di operazioni concernenti la raccolta, la registrazione, l'organizzazione, la conservazione, la consultazione, l'elaborazione, la modifica, la selezione, l'estrazione, il raffronto, l'utilizzo, l'interconnessione, il blocco, la comunicazione, la diffusione, la cancellazione e la distruzione di dati, anche se non registrati in una banca dati.

In relazione a quanto riportato, autorizzo il CNR al trattamento dei dati contenuti nel presente *curriculum vitae* e nella documentazione della quale fa parte integrante

(*barrare la casella*) X Si, acconsento

Milan, March 4, 2019



Firma