

CURRICULUM VITAE ET STUDIORUM

PERSONAL INFORMATION

Francesco FAGGIOLI



Place of residence Italy

Date of birth 19/01/1962

Nationality Italian

WORK EXPERIENCE

June 2017 - Present

Head of Rome office at CREA-DC (Research Centre of Plant protection and Certification)
Rome, Italy

Overall responsibility to ensure the functioning of the Rome office of CREA-DC. Dealing with personnel management, economic aspects and research projects. Responsible of the diagnostic laboratory DIALAB, accredited ISO 17025, in charge of the quality assurance system.

Direction of the European Union Reference Laboratory (EURL) of Virology
Consultant of the NPPO about plant health aspects and control of quarantine diseases.
Member of panel EPPO for diagnostics in virology

Trainer for official staff on diagnostics, monitoring and eradication of quarantine and RNQ pests

Business / sector Plant protection/Plant health/Plant Pathology/Virology

1992 – 2017

Senior Researcher in Plant Pathology at the Virology Dept. of CREA-DC (Research Centre of Plant protection and Certification)
Rome, Italy

Overall responsibility to ensure:

- Technical advice for national and international phytosanitary affairs
- Training inspectors, technicians, researchers
- Diagnoses and Quality management in Plant Virology (ISO 17025 accreditation)
- Coordination of European, National and regional Research project
- Test development and validation
- Sanitary selection of grapevine clones
- Crops protection
- Biological and epidemiological research
- International diagnostic protocols

Business / sector Plant protection/Plant health/Plant Pathology/Virology

- 1991 – 1992 **Researcher at the Plant Pathology Dept. of the Viticulture Research Institute Asti, Italy**
 In charge in the agronomic and sanitary aspects of the viticulture. Coordination and responsibility of National and regional research project
 Business / sector Viticulture/Sanitary selection
- 1988 – 1990 **Inspector at the Food Frauds Repression Dept. of the Italian Ministry of Agriculture Lecce, Italy**
 In charge of the control of food products for the prevention of food frauds from both an economic and human health point of view
 Business / sector Food Safety / Health safety

EDUCATION AND TRAINING

- 1997 **Six months Stage**
 “United States Department of Agriculture (Washington, D.C., United States)
 ▪ Plant viroid diseases - Diagnosis in virology - Acquisition of principles and techniques of molecular biology
- 1990-1992 **Research Fellowship**
 ISPAVE (ex-CREA-DC) of Rome
 ▪ Plant Virology: Studies on grapevine virus diseases and diagnosis
- 1986-1988 **Research Fellowship**
 ISPAVE (ex-CREA-DC) of Rome
 ▪ Plant Virology: serology, virus purification and characterization
- 1987 **Exceedance of State Examination for Agronomists licence to practise**
- 1984-1990 **MSc Agriculture cum laude**
 Università degli Studi della Tuscia, Viterbo, Italy
 ▪ agrarian chemistry
- 1979-1984 **Pre-university education**
 Liceo Scientifico "Plinio Seniore", Rome, Italy
 ▪ Science-math based profile

PERSONAL SKILLS

Mother tongue **Italian**

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C2	B2	B2	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Communication skills ▪ Good communication skills gained through experience as researcher and technical expert

Organisational / managerial skills ▪ Leadership (currently responsible for a team of 70 people), acquired by experience
 ▪ Project management acquired by experience (coordination and participation in various international research projects)

Job-related skills ▪ ISO 17025 audits (qualification 2015)
 ▪ Training and capacity building in Plant Virology
 ▪ Drafting international diagnostic protocols
 ▪ Member thesis committee Master degree Ariana Manglli (2008)
 ▪ Member thesis committee PhD thesis Ester Ragozzino (2002)
 ▪ Member thesis committee PhD thesis Marta Luigi (2011)

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Basic user	Independent user	Basic user

Levels: Basic user - Independent user - Proficient user

Other computer skills

▪ Good command of office suite (word processor, spread sheet, presentation software)

Technical skills and experience relevant to the proposed role

30 years of experience in plant pathology with a special focus on olive trees, fruit trees and grapevine.

Deep knowledge of the relevant European legal framework related to **plant health controls** and its practical implementation.

Experience at international level as **member of EPPO** (European Plant Protection Organization) panel on diagnostics in virology and phytoplasmaology, as expert of the **EPPO/UE Working group on the Regulated Non-Quarantine Pest**. Permanent member of national Working Groups of Italian Ministry of Agriculture on **plant health and certification of plant material (fruit trees and grapevine)**; Consultant for the European Commission for the issue of certification of fruit trees and olive and on pospiviroids.

Director of the European Union Reference laboratory (EURL) for Virology (European Commission decision Ref. Ares (2018) 6222351 - 04/12/2018).

Training / teaching and communication competencies

Extensive teaching experience, providing lectures, seminars and workshops addressed to students, agricultural advisers specializing in plant disease control, phytosanitary inspectors, technicians. Subjects thought: plant virology, identification and diagnosis of plant viruses and viroids, quarantine phytosanitary aspects, certification of plant propagation material of fruit trees, olive trees, grapevine.

Organizing member of 16th and 22nd International Symposium on Virus and Virus-like Diseases of Fruit trees.

TWINNING PROJECTS: 2014-2018 (Quebec)

Bilateral studies on relevant pathogen infecting fruit trees

2018-2020
(Montenegro)

Bilateral activity on the harmonization of procedures for the certification of propagation material and for the documentation for the import and export of plant material subject to quarantine

ADDITIONAL INFORMATION

Publications
(last 5 years)

- Luigi M, Manglli A, Tomassoli L, **Faggioli F**, 2013. First report of *Hop stunt viroid* in *Hibiscus rosa-sinensis* in Italy. *New Disease Reports* **27**, 14. [<http://dx.doi.org/10.5197/j.2044-0588.2013.027.014>]
- Marta Luigi and **Francesco Faggioli**, 2013. Development of a quantitative Real-Time RT-PCR (qRT-PCR) for the detection of *Hop Stunt viroid*. *European Journal of Plant Pathology*, 137:231–235.
- Giovanna Leo, Giuliana Albanese e **Francesco Faggioli**, 2013. Miglioramento sanitario relativo alle malattie da virus. In: *Linee guida per la gestione fitosanitaria del vigneto in ambiente cirotano - Manuale di gestione e Marketing*, Bibenda editore, Vol. 80, Dossier II, 60-65
- **F. Faggioli**, F. Anaclerio, E. Angelini, M. G. Antonelli, N. Bertazzon, G. Bianchi, P. Bianchedi, P.A. Bianco, S. Botti, P. Bragagna, M. Cardoni, P. Casati, R. Credi, E. De Luca, G. Durante, C. Gianinazzi, G. Gambino, V. Gualandri, D. Luison, A. Luvisi, U. Malossini, F. Mannini, P. Saldarelli, F. Terlizzi, E. Triolo, N. Trisciuzzi, M. Barba, 2013. Harmonization and validation of diagnostic protocols for the detection of grapevine viruses covered by phytosanitary rules. *Adv. Hort. Sci.*, 27(3): 19-20
- Luigi M., E. Costantini, D. Luison, P. Mangiaracina, L. Tomassoli and **F. Faggioli**, 2014. A diagnostic method for the simultaneous detection and identification of Pospiviroids. *Journal of Plant Pathology*, **96** (1), 151-158
- Leo G., D. Luison, S. B. Grande, G. Albanese and **F. Faggioli**, 2015. Grapevine Viruses' Detection and Sanitary Selection in Grapevine Germplasm of Calabria (Southern Italy). *Journal of Phytopathology*. 163, 690-693.
- Olivier T., V. Sveikauskas, S. Grausgruber-Gröger, M. Virscek Marn, **F. Faggioli**, M. Luigi, E. Pitchugina, V. Planchon, 2015. Efficacy of five disinfectants against Potato spindle tuber viroid. *Crop Protection*. **67**, 257-260.
- Tomassoli, L., D. Luison, M. Luigi, E. Costantini, P. Mangiaracina, and **Faggioli F.**, 2015. Facilitative and Antagonistic Interactions among Pospiviroids Infecting Solanaceus Ornamentals. *Acta Horticulture*. 1072, 71-77.
- **Faggioli F.**, M. Luigi, V. Sveikauskas, T. Olivier, M. Virscek Marn, I. Mavric Plesko, K. De Jonghe, N. Van Bogaert & S. Grausgruber-Gröger, 2015. An assessment of the transmission rate of four pospiviroid species through tomato seeds. *European Journal of Plant Pathology*. 143 (3), 613-617.
- Olivier T., Šveikauskas V., Demonty E., De Jonghe K., Gentil P., Viršček-Marn M., Grausgruber-Gröger S., Morio S., Faggioli F., Visage M., Fauche F., Gusina M., Luigi M., Lasner H., Mavrič-Pleško I., 2016. Inter-laboratory comparison of four RT-PCR based methods for the generic detection of pospiviroids in tomato leaves and seeds. *Eur J Plant Pathol* 144, 645–654 DOI 10.1007/s10658-015-0803-8
- Godena S., **F. Faggioli**, M. Luigi, M. Saponari, G. Loconsole, D. Vončina and E. Đermić, 2016. Incidence of viruses on autochthonous and introduced varieties in Croatian Istria detected by three diagnostic techniques. *Journal of Plant Pathology*, 98 (3), 657-660
- G. Leo, A. Gentili, S.B. Grande, G. Albanese, **F. Faggioli**, 2016. Advanced on certification process of grapevine clones in Calabria. *Journal of Plant Pathology*, 98 (Supplement) S50.
- A. Gentili, E. Di Lucca, M. Luigi, **F. Faggioli**, 2016. Identification and characterization of grapevine of Pinot gris virus in Lazio. *Journal of Plant Pathology*, 98 (Supplement) S37.
- **Faggioli F.**, A. Roschetti, M. Luigi, G. Leo and G. Albanese, 2017. Sanitary Selection of Olive (*Olea europaea* L.) Cultivars for Worldwide Distribution. *Asian Journal of Plant Pathology*, 11, 28-34.

- Taglienti A., **Faggioli F.**, Gentili A., Barba M., 2017. Risanamento da virus di due ecotipi campani di vite (*Vitis vinifera* L.) tramite termoterapia e coltura d'apice. *Acta Italus Hortus* (), pp.42-42. In *VitroSOI Book of Abstracts*.
- Gentili A., V. Prota, G. Moro, N. Schianchi, E. Di Lucca, M. Luigi, F. Faggioli, 2017. Identification of Pinot gris virus in Sardinia and Lazio (South and central Italy). *Journal of Plant Pathology*, 99 (2), 527-530.
- Elisabetta Gargani, Luca Ferretti, **Francesco Faggioli**, Anita Haegi, Marta Luigi, Silvia Landi, Sauro Simoni, Claudia Benvenuti, Silvia Guidi, Stefania Simoncini, Giada D'Errico, Tiziana Amoriello, Roberto Ciccoritti, Pio Federico Roversi, Katya Carbone. A survey on pests and diseases of Italian Hop crops. *Italus Hortus* 24 (2), 2017: 1-17. doi: 10.26353/j.itahort/2017.2.117

Book/Chapters

- Çağlayan K., **F. Faggioli** and M. Barba, 2011. Virus, phytoplasma and unknown diseases of olive trees. In: *Virus and virus-like diseases of pome and stone fruits*. Hadidi, A., Barba, M., Candresse, T. and Jelkmann, W eds., APS, St.Paul, USA. Chapter 53, 289-297.
- Pallas V., **F Faggioli**, F. Aparicio, J.A. Sanchez-Navarro, 2011. Molecular hybridization techniques for detecting and studying fruit tree viruses and viroids. In: *Virus and virus-like diseases of pome and stone fruits*. Hadidi, A., Barba, M., Candresse, T. and Jelkmann, W eds., APS, St.Paul, USA. Chapter 59, 333-339.
- Barba, M.; **Faggioli, F.**; Pasquini, G., Tomassoli, L., 2011. Malattie da agenti infettivi sistemici: virus, viroidi, fitoplasmi in: *La patata*. Angelini, R; Frusciante, L.; Roversi, G. eds., Angelini R. Bayer Crop Science. Bologna, Italy. 584-595
- Albanese G., Saponari M, and **Faggioli F.**, 2012. Phytosanitary certification. In: *Olive Germplasm - The Olive Cultivation, Table Olive and Olive Oil Industry in Italy*. I. Muzzalupo, B. Rafaj eds. InTech Open. Chapter 6, 107-132.
- **Faggioli F.**, Luigi M., Boubourakas I., 2017. Viroid amplification methods. In: *Viroids and Satellites* Ahmed Hadidi, Ricardo Flores, John W. Randles and Peter Palukaitis, editors, Oxford: Academic Press, 2017, Chapter 38, pp. 381-392.
- **Faggioli F**, Duran.Vila N., Tsagris M. and Pallas V., 2017. Geographical Distribution of Viroids in Europe. In: *Viroids and Satellites* Ahmed Hadidi, Ricardo Flores, John W. Randles and Peter Palukaitis, editors, Oxford: Academic Press, 2017, Chapter 44, pp. 473-484.

Presentations (last 5 years)

- **Faggioli F.**, 2013. Selezione sanitaria di vitigni calabresi: risultati del Progetto MI.VITI.CA. *Workshop Miglioramento qualitativo delle produzioni vivaistiche calabresi*. Lamezia Terme (CZ), 21 Giugno 2013
- G. Leo, A. Gentili, S.B. Grande, G. Albanese, **F. Faggioli** Advanced on certification process of grapevine clones in Calabria. XXII Convegno Nazionale SIPAV, Roma 19-22 Settembre 2016.
- A. Gentili, E. Di Lucca, M. Luigi, **F. Faggioli** Identification and characterization of grapevine of Pinot gris virus in Lazio. *XXII Convegno Nazionale SIPAV, Roma 19-22 Settembre 2016*.
- Faggioli F., Gentili A., 2016. Valutazione di metodi di diagnosi e rilevamento di Grapevine Pinot Gris Virus (GPGV) da materiale sintomatico e asintomatico di vite "Progetto ASPROPI". Convegno GPGV La virosi del Pinot Grigio. Venerdì 4 marzo 2016 Cantina Storica delle Cantine Rotari San Michele all'Adige (TN)
- Gentili A., Angelini E., Babini A.R., Bertazzon N., Bianchi G.L., Botti S., Calvi M., Cardoni M., Casati P., Cosmi T., Gambino G., Gualandri V., Kubaa R.A., Malossini U., Martini M., Mason G., Raiola A., Ratti C., Saldarelli P, Silletti M.R., Tarquini G., **Faggioli F.** Validation and harmonization of diagnostic methods for the detection of *Grapevine Pinot gris virus* (GPGV). *Proceeding of the 19th Congrress of ICVG*, Santiago, Chile, 9-12 April 2018, pp. 38-39.
- Gentili A., Luigi M., ProtaV., Schianchi N., Moro G., Saldarelli P, Giampetruzzi A., **Faggioli F.** Deep sequencing analysis of *Grapevine pinot gris virus* (GPGV) isolates from Lazio and Sardinia. *Proceeding of the 19th Congrress of ICVG*, Santiago, Chile, 9-12 April 2018, pp. 164-165.

Projects
(last 5 years)

- SALVAOLIVI - Defence of olive trees from the main pests (2018-2021) (Coordinator)
- VIVA-BIOCHAR (202016-2018) (Coordinator)
- ASPROPI - Action to support plant protection (2014-2016) (WP leader for virology)
- HORIZON 2020 - VALITEST - " Validation of diagnostic tests to support plant health " Scientific referent for CREA-DC)
- EUPHRESCO NC PROJECT - Assessment of the risk posed by the pospiviroid infected ornamentals and weeds to tomato and evaluation of pospiviroid detection protocol in tomato seeds " (WP leader).
- HORIZON 2020 - SFS - 09-2016 'Spotlight on critical outbreak of pests: the case *Xylella fastidiosa*' XfACTORS 'Xylella fastidiosa Active Containment Through a Multidisciplinary-Oriented Research Strategy' (Partecipant)

Conferences
(last 5 years)

- Kick-off meeting H2020 VALITEST Project "Validation of diagnostic tests to support plant health", ANSES Paris 31 May 2018, Scientific referent fro CREA-DC.
- "Workshop on Flexible Scope" Wageningen, The Netherlands, 26-28 June 2017.
- Working group on XF-actors Task 9.4 - Voluntary System Preventing Pests EPPO Paris 15-16 February 2018
- 'Ornamental species' Sector Expert Working Group for the RNQP Project" Paris il 12-15 september 2017.
- Working group on "Regulated non-Quarantine Pest (RNQP)" Parigi il 19-21 september 2016

Memberships

- EPPO panel on diagnostics in virology and phytoplasmology
- Technical - Scientific Committee for *Plant protection* to support the Italian NPPO, with the task of Certification of Grapevine material
- Working group EPPO on Regulated non-Quarantine Pests (RNQP)
- Manager and responsible of the Plant Pathology section of CREA-DC
- Technical - Scientific Committee for *Plant protection* to support the Italian NPPO, with the task of Certification of fruit tree material
- Manager and responsible of the Laboratory DIALAB ACCREDIA ISO 17025
- ISHS (International Society of Horticultural Science).
- ICSVG (International Council on Viruses and Virus-like diseases of Grapevine).
- ICVF (International Council on Virus and other Graft Transmissible Diseases of Fruit Crops)
- ESV (European Society for Virology)
- Working group for the drafting of national certification programs coordinated by Civi-Italia (2014-2015)
- Board of Directors of the of ACOVIT (Associazione Costitutori Viticoli)
- Projects reviewer of the Grant Agency of the Czech Republic,
- Projects reviewer of the Georgia National Science Foundation (GNSF),
- Reviewer of: European Journal of Plant Pathology, Journal of Virological Methods, Journal of Plant Pathology, Journal of Phytopathology; Virus Research, BMC Molecular Biology, Acta Horticulturae, Phytopathologia Mediterranea, Frontiers,

Roma, 15/03/2019

Dichiaro ai sensi del DPR 445/2000 che i dati sopra riportati sono veritieri e di essere consapevole delle sanzioni penali in cui si incorre in caso di dichiarazioni mendaci.



Francesco Faggioli