



Varvara Maliogka

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WORK EXPERIENCE

- **PROFESSOR IN PLANT VIROLOGY-Current-THESSALONIKI, GREECE**
Department: School of Agriculture, Aristotle University of Thessaloniki
- **ASSOCIATE PROFESSOR IN PLANT VIROLOGY- 10/2019- 1/2024- THESSALONIKI, GREECE**
Department: School of Agriculture, Aristotle University of Thessaloniki
- **ASSISTANT PROFESSOR IN PLANT VIROLOGY -4/2015-11/2019 -THESSALONIKI, GREECE**
Department: School of Agriculture, Aristotle University of Thessaloniki
- **LECTURER IN PLANT VIROLOGY -1/2012-3/2015-THESSALONIKI, GREECE**
Department: School of Agriculture, Aristotle University of Thessaloniki
- **POST-DOCTORAL RESEARCH ASSOCIATE IN PLANT VIROLOGY- 2011-2012, THESSALONIKI GREECE**
Department: Lab of Plant Pathology, School of Agriculture, Aristotle University of Thessaloniki
- **POST-DOCTORAL RESEARCH ASSOCIATE IN PLANT VIROLOGY- 6/2009-3/2011, MADRID, SPAIN**
Department: National Center of Biotechnology (CSIC-CNB), Department of Plant Molecular Genetics

- **POST-DOCTORAL RESEARCH ASSOCIATE IN VIROLOGY- 2008-2009, THESSALONIKI, GREECE**
Department: Veterinary School, Aristotle University of Thessaloniki, Department of Microbiology and Infectious Diseases
- **RESEARCH ASSOCIATE IN PLANT VIROLOGY, 2003-2009 (SEVERAL NATIONAL AND EUROPEAN RESEARCH PROJECTS, THESSALONIKI, GREECE)**
Department: Lab of Plant Pathology, School of Agriculture, Aristotle University of Thessaloniki

EDUCATION AND TRAINING

- 2003-2008 Thessaloniki, Greece
PH.D. IN PLANT VIROLOGY School of Agriculture, Aristotle University of Thessaloniki
Field of study Agricultural Sciences Level in EQF EQF level 8
Thesis Molecular characterization, evolutionary relationships and detection of grapevine viruses belonging to a distinct phylogenetic clade within the genus *Ampelovirus* and virus elimination from propagating material
- 2001-2003 Thessaloniki, Greece
MASTER DEGREE IN PLANT PROTECTION SCIENCES School of Agriculture, Aristotle University of Thessaloniki
Field of study Agricultural Sciences, Final grade 9,21/10 cum laude Level in EQF EQF level 7
Thesis Partial characterization of a virus isolated from onion (*Allium cepa* L. var. *cepa*)
- 1996-2001 Thessaloniki, Greece
BACHELOR IN Agricultural Sciences
TERRITORY School of Agriculture – Aristotle University of Thessaloniki
Field of study Agronomy, specialty Plant Protection **Final grade 7,94 (Very Good)**
Level in EQF EQF level 6
Thesis Study of the effect of mineral oils and pesticides applications on the spread of non-persistent aphid transmitted viruses of tobacco
- 1996 Tyrnavos, Greece
High School diploma
Final grade 19 3/10 (cum laude) Level in EQF EQF level 5

LANGUAGE SKILLS

- Mother tongue: Greek
- Other language(s):
ENGLISH C2
FRENCH B2
ITALIAN C1
SPANISH (No diploma available)

COURSES AND WORKSHOPS

- July-August 2017: Training on the preparation of libraries from total RNA and their analysis using High throughput sequencing (HTS) (Lifesequencing, Valencia, Spain).
- 2015-2019: Participation in several courses and workshops of COST FA1407 – D.I.V.A.S. (Application of next generation sequencing for the study and diagnosis of plant viral diseases in agriculture)
- June 2008: Workshop on the detection using Real-Time PCR and the identification through RFLP analysis of phytoplasmas infecting grapevine (SEE-ERANET, INRA, Bordeaux, France).
- 2007: Seminar of 100 hours on research methodology, research and innovation management, technology assessment, exploitation of R&T and its incorporation into the process of financial and social development (Research Committee, Aristotle University of Thessaloniki)
- August-September 2002: Training on the application of molecular diagnostics and electron microscopy for plant viruses (Biologische Bundesanstalt für Land- und Forstwirtschaft, Institut für Pflanzenvirologie, Mikrobiologie und biologische Sicherheit, Braunschweig Germany, Dr. S. Winter and Dr. D.E. Lesemann).

ACADEMIC POSTS AND SCIENTIFIC RESPONSIBILITIES

AUTH, School of Agriculture Academic posts

- 2022-ongoing: **Member of the panel responsible for the internal evaluation of the School of Agriculture, AUTH (Internal evaluation group, OM.E.A.)**

- 2014-2022: Supervisor of the internship of students, Specialty Plant production and member of the panel for the implementation of the program “Internship-ESPA” of the School of Agriculture of AUTH
- 2015-2016 and 2020-2024: Member of the General Assembly of the School of Agriculture, AUTH

PhD supervisor

- Supervisor of two PhD thesis that are completed (*Study of cucurbit chlorotic yellows virus-C. Orfanidou; Study of two badnaviruses infecting grapevine in Greece’ (GRLDaV)’-C.L. Sasselou*)-School of Agriculture, Aristotle University of Thessaloniki
- Supervisor of three PhD thesis that are ongoing (*Pepper yellows disease: Etiology, molecular characterization and epidemiology of the associated viral pathogens-V. Gavriili; Epidemiology and evolution of viruses associated with grapevine leafroll disease; P. Panailidou; Control of viruses infecting Solanaceae species using beneficial microorganisms -A. Zikopoulos*) -School of Agriculture, Aristotle University of Thessaloniki

MSc thesis supervisor

Supervisor of eight MSc thesis that are completed (School of Agriculture, Aristotle University of Thessaloniki)

- Study of grapevine Pinot gris virus-M. Zikou
- Incidence, seasonal fluctuation of the titer and genetic diversity of ilarviruses infecting stone fruit trees-O. Garefi
- Study of two new viruses of the genus *Fabavirus* infecting stone fruit trees-C. Beta
- Detection and characterization of new vitiviruses in grapevine -P. Panailidou
- Study of viruses belonging to the genus *Nepovirus* that infect grapevine in Greece -E. Palla
- Study of the genetic diversity of vitiviruses and foveaviruses infecting grapevine and evaluation of RT-qPCR assays for their detection -M. Georgousi
- Transmission of pepper vein yellows virus 6 by several aphid species – M. Konsta
- Detection and characterization of viruses of the genus *Ophiovirus* that infect pepper-N. Vasileiou

Bachelor's thesis supervisor

Supervisor of 56 Bachelor's thesis that are completed and another 7 that are ongoing (School of Agriculture, Aristotle University of Thessaloniki)

Other Academic posts

- Member of the advisory committee of 1 PhD thesis submitted at the School of Agriculture, Aristotle University of Thessaloniki
- Member of the advisory committee of 1 PhD thesis that is on-going at the Agricultural University of Athens
- Member of the advisory committee of 1 PhD thesis that is on-going at the Department of Biology, University of Crete (UoC)
- Final examination Jury member of 10 PhD thesis submitted at the School of Agriculture, Aristotle University of Thessaloniki
- Final examination Jury member of 2 PhD thesis submitted at the Department of Biology, University of Crete (UoC)
- Final examination Jury member of 1 PhD thesis submitted at Departamento de Biología molecular, Facultad de Ciencias, Universidad Autónoma, Madrid
- Final examination Jury member of 1 PhD thesis submitted at Stellenbosch University, South Africa
- Final examination Jury member of 1 PhD thesis submitted at Departamento de Biología Animal, Biología, Vegetal y Ecología, Facultad de Biociencias, Universidad Autónoma de Barcelona
- Final examination Jury member of 22 MSc thesis submitted at the School of Agriculture, Aristotle University of Thessaloniki
- Final examination Jury member of 1 MSc thesis submitted at the School of Agricultural Development, Democritus University of Thrace (DUTH)
- Final examination Jury member of 1 MSc thesis submitted at the Mediterranean Agronomic Institute of Chania, (MAICh)

Member of national and international panels

- Since 2023: Member of the Steering Committee of ICVG (International Council for the study of virus and virus-like diseases of the grapevine)
- Since 2017: Member of the Scientific Committee of ICVF (International Council for the study of virus and other graft-transmissible diseases of fruit crops)

- Since 2017: Member of the management board (Scientific Committee) of the Hellenic Society of Virology
- July 2024: Member of the local Organizing Committee of the XX IPPC 2024 congress, Athens, Greece
- October 2023: Secretary of the Organizing Committee of the 20th National Conference of the Hellenic Phytopathological Society, Thessaloniki, Greece
- September 2023: Co-chair of the Organizing Committee of the 20th ICVG conference, Thessaloniki, Greece
- May 2023: Member of the organizing and scientific committee of the 13th national conference of the Hellenic Society of Virology, Thessaloniki, Greece
- May 2019: Member of the organizing and scientific committee of the 12th national conference of the Hellenic Society of Virology, Thessaloniki, Greece
- June 2017: Member of the Organizing Committee of the 24th ICVF conference, Thessaloniki, Greece
- April 2016: Member of the Organizing Committee of the 2nd meeting of COST action FA1407 – D.I.V.A.S. “Exploring NGS borders in plant virology: diagnostic, regulation, characterization & taxonomy” and member of the organizing committee of the 1st training School of COST-DIVAS
- July 2014: Member of the local organizing committee and of the scientific committee of the XVI Molecular Plant-Microbe Interactions, MPMI conference
- October 2014: Member of the Organizing Committee of the 17th National Conference of the Hellenic Phytopathological Society, Thessaloniki, Greece
- October 2012: Member of the Organizing Committee of the 16th National Conference of the Hellenic Phytopathological Society, Thessaloniki, Greece

Reviewer activity

- Reviewer of research proposals (1st call of HFRI for post-doctoral researchers, 2018-01(IP) Croatian Science Foundation, Hrzz), research projects (European project funded by H2020-E.U.3.2-SOCIETAL CHALLENGES - Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy, research project funded by GSRI under the call Research>Create-Innovate) and of scientific papers for journals such as Journal of General Virology, Frontiers in Virology, Archives of Virology, Journal of Virological Methods, Phytopathology, Plant Disease, European Journal of Plant pathology, Journal of Phytopathology, Journal of Plant Pathology, Phytopathologia Mediteranea, Scientia Horticulturae
- Evaluator of the academic profile of scientific staff for promotion (South African National Research Foundation, NRF)

Member of the Editorial board of International Scientific Journals

- Since 2023: Associate Editor, Phytopathology
- Since 2022: Associate Editor, Journal of Plant Pathology
- 2018: Guest Editor of a special issue of VIRUSES on viruses and viroids infecting fruit trees (https://www.mdpi.com/journal/viruses/special_issues/Fruit_Tree_Viruses)
- 2013-2016: Associate Editor, Plant Disease

EARLY ACHIEVEMENTS TRACK-RECORD

Research activity

My research activity has focused mainly on the study of plant virus diseases and partially on phytoplasmas and an animal virus (avian influenza virus). More specifically, I am interested in the characterization of the etiology of plant virus diseases, the study of virus incidence on several crops (fruit trees, grapevine, vegetables), the development and optimization of molecular and serological tests for diagnosis of plant pathogens as well as the identification and characterization of viruses through the application of cutting-edge technologies such as high-throughput sequencing (HTS). Moreover, I have worked on the virus-elimination of propagating material of woody plants, and I am interested in the application of modern biotechnological approaches for combating plant virus diseases. In this direction I was recently involved with the evaluation of rhizobacteria and other beneficial microorganisms against plant viruses. My research activity also involves the study of genetic diversity and evolution of viruses as well as the plant-virus interactions (RNA silencing, silencing suppressors, factors affecting virus pathogenicity) so as to gain important information regarding plant protection against viruses. Finally, an important aspect of my research is the study of virus-vector interactions with a special emphasis on the transmission of criniviruses and poleroviruses through several whitefly and aphid species, respectively.

Skills

I have substantial expertise regarding several serological techniques (different types of ELISA, western blot), molecular techniques (variations of PCR/RT-PCR, Real-Time PCR) for diagnosis and genome characterization, nucleic acids hybridization assays (Northern-Southern blots), RFLP analysis. Also, I have expertise in the production of antibodies through protein expression in heterologous systems, electron microscopy, plant tissue culture and animal cell culture techniques, biobalistics and agroinfiltration of plants, construction of

libraries from total RNA for high throughput sequencing (HTS) analysis. Finally, I have extended expertise in the use of bioinformatics (HTS analysis, genome sequence analysis, primers/probes design, phylogenetic analysis) for plant virus characterization and I have good leadership skills.

Independence and funded research projects

After my appointment as a lecturer at the School of Agriculture, at the Aristotle University of Thessaloniki I have written and submitted several research proposals for funding either from the EU or national funds. From 2017-2022 I have coordinated the H2020 funded project **MSCA-RISE-VirFree (Virus Free Fruit Nurseries)** during which several partners from Greece and other countries from Europe, Africa and China were engaged with the application of cutting-edge technologies such as high-throughput sequencing (HTS) for the detection of known and new viruses of fruit trees and grapevine. Moreover, I have been scientific supervisor of several research grants focusing on the study of plant viruses such as:

- **Development and implementation of modern flight forecasting systems and resistance monitoring of TSWV insect vectors in tobacco cultivation, to support integrated pest management programs.** Research project funded by the general secretariat of public investments and ESPA (Rural development program, Measure 16). Duration 3/2023-5/2025.
- **Identification, evaluation and promotion of native wine grape varieties and the particular characteristics of their products.** Research project funded by Greece 2.0 National Recovery and Resilience plan within the frame of the action Research-Create-Innovate. Duration 1/9/2020-28/2/2025.
- **Study of the etiology, epidemiology and ecology of pepper yellows disease.** Research project funded within the frame of the 1st call of HFRI research projects for the Support for Faculty Members and Researchers and Procurement of High-Value Research Equipment. Duration 14/1/2020-13/1/2024.
- **Identification of proteins implicated in the RNA silencing suppression and investigation of their mode of action for two new viruses of cherry.** Funded by the agency responsible for managing research projects for Education and lifelong learning. Duration 30/12/2019-19/8/2022.
- **European action COST FA1407. Application of next generation sequencing for the study and diagnosis of plant viral diseases in agriculture (DIVAS).** Funded by the EU. Duration 1/1/2015-31/12/2018.
- **Development of deciduous fruit tree cultivation, through the maintenance and organization of a germplasm bank, the establishment of mother plantations for virus-free propagating material production and the evaluation, exploitation and**

improvement of indigenous varieties. Research project funded by GSRT. Duration 9/7/2018-8/12/2022.

In addition, I have been scientific supervisor of a grant funded by the Research committee of AUTH (**Development of an innovative biotechnological method for the protection of plants against tomato infectious chlorosis virus (TICV)**, Duration 5/4/13-31/8/14) and of a research project funded by the private company K&N Efthymiadis (**Development of a vaccine based on the virus induced gene silencing (VIGS) technology for the protection of plants against plum pox virus (PPV)**, Duration 28/6/2016-27/6/2017). Finally, I received funding from the private sector in order to conduct several non-peer reviewed projects.

PERSONAL SKILLS

Communication skills

Good communication skills gained through the teaching activity and through the oral presentations of my scientific work during national and international congresses.

Information technology skills

Good competence in Windows environment, Microsoft Office (Word, Excel, Power Point, Access), processing of digital photos and graphics and several statistical packages as well as in Mac OS X environment. • Good competence with software for phylogenetic inference (e.g., PhyML).

FURTHER INFORMATION

Membership of Scientific Societies

1. Member of the Hellenic Phytopathological Society
2. Member of the Hellenic Society of Virology
3. Member of AAB (Association of Applied Biologists)
4. Member of APS (American Phytopathological Society)

Bibliometric data (Scopus Feb-2026)

Date of the first publication: 2004

Documents: 101; Citations: 1,940; H-index: 25 (Scopus Author Identifier: 13905921100)

Publications on peer-reviewed journals and book chapters

I have authored more than 100 scientific articles published in international peer-reviewed journals (e.g. Plant Disease, Phytopathology, MPMI, Plant Pathology, Virus Research, Archives of Virology, Journal of Plant Pathology, Journal of Phytopathology, Plants, Viruses, Virus Genes etc.) and 10 book chapters.

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Google Scholar ID: [Varvara Maliogka - Google Scholar](#)

Scientific articles under review in international peer-reviewed journals (* indicates first, last or corresponding author)

- Botermans, M., de Koning, P.P.M., Westenbergh, M., Adams, I.P., Ben Mansour, K., Chabi-Jesus, C., de Krom, C., Dullemans, A.M., Festus, R., Fowkes, A.R., Fox, A., Freitas-Astúa, J., Hajizadeh, M., Hellin, P., Knierim, D., Krenz, B., Maclot, F., Malandraki, I., **Maliogka, V.I.**, Margaria, P., Massart, S., Meekes, E.T.M., Menzel, W., Oplaat, C., Orfanidou, C.G., Ramos-González, P.L., Roenhorst, J.W., Seal, S.E., Silva, G., Silva dos Santos, G., Tzanetakis, I.E., van der Vlugt, R.A.A., van Gemert, J., Varveri, C., Verbeek, M., Winter, S. and Giesbers, A.K.J. Expanding insights into plant rhabdovirus diversity through the discovery of viruses representing 32 putative novel species. Archives of Virology (under review).
- Orfanidou, C.G., Palla, E., Georgousi, M., Aristeidou, E. Tziros, G.T., Vaggopoulos, Th., Karaoglanidis, G., Katis, N.I., **Maliogka, V.I.***. Metatranscriptomic analysis reveals a novel varicosavirus associated with vein yellowing disease in Cucurbita pepo. Plant Pathology (under review)
- Vasileiou N., Gavrioli V., Lotos L., Karagkouni E., Katis N., Vlachostergios D., **Maliogka V.I.***. First report of Phaseolus vulgaris endornavirus 1, 2 and 3 in dry bean cultivars in Greece. Journal of Plant Pathology (accepted with minor revisions)
- Beris D., Kotsaridis K., Orfanidou C., Dimopoulou A., Varveri C., Vassilakos N. and **Maliogka V.I.*** Elucidating the differential antiviral action of a plant growth promoting rhizobacterium against three genetically distant virus species. Frontiers in Plant Science (accepted with revision)

2024 – 2025

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- Panailidou, P., Pamporis, C., Lotos, L., Sassalou, C-L., **Maliogka, V.I.***, 2025. Identification and distribution of grapevine virus T in Greek vineyards. *Journal of Plant Pathology*, DOI: [10.1007/s42161-025-02010-0](https://doi.org/10.1007/s42161-025-02010-0)
- Fuchs, M., Al Rwahnih, M., Blouin, A.G., Burger, J., Chooi KM, Constable F., Ertunc, F., Fiore, N., Habili, N., Hily, J-M., Katis, N., Lemaire, O., **Maliogka, V.I.**, Maree, HJ., Minafra, A., Naidu, R., Pietersen, G., Saldarelli, P., Schmidt A-M., Seruga Martin, M., Varallyay E., 2025. A list of eclectic viruses, virus-like diseases and viroids of grapevines that should not be considered for regulatory oversight: a global plea from virologists. *Journal of Plant Pathology*, 107(2), pp. 847–858.
- Tzanetakis, I.E. et al. 2025. Streamlining Global Germplasm Exchange: Integrating Scientific Rigor and Common Sense to Exclude Phantom Agents from Regulation. *Plant Disease*, 109(4), pp. 736–755.
- Orfanidou, C., Konsta, M., Katis, N.I., **Maliogka, V.I.***, 2025. Molecular identification of cucumber leaf spot virus in cucumber in Greece. *Journal of Plant Pathology* 107(2), pp. 1307–1308.
- Panailidou, P., Lotos, L., **Maliogka, V.I. ***, 2025. First report of grapevine Kizil Sapak virus in grapevine (*Vitis vinifera*) in Greece. *Journal of Plant Pathology* 107(3), pp. 1567–1568.
- Gavrili, V., Lotos, L., Vasileiou, N., Katis, N.I., **Maliogka, V.I.***, 2024. First report of ranunculus white mottle virus and lettuce ring necrosis virus in pepper in Greece. *Journal of Plant Pathology* 106(2), pp. 775–776.
- Sarropoulou, V., Grigoriadou, K., **Maliogka, V.I.**, Sassalou, C-L., Ziogas, V., 2024. The Elimination of Viroids through In Vitro Thermotherapy and a Meristem Tip Culture from a New Limonime Hybrid (*Citrus x limon* var. limon (L.) Burm. f. x *Citrus latifolia* var. latifolia). *Biotech*, 13(3).
- Lotos, L., Katsiani, A., Katis, N.I., **Maliogka, V.I.***, 2024. Evaluation of the RNA Silencing Suppression Activity of Three Cherry Virus F-Encoded Proteins. *Plants* 13(2), 264.
- Sassalou, C-L., Panailidou, P., Chiumenti, M., Reynard, J-S., Lotos, L., Minafra, A., Katis, N.I., **Maliogka, V.I.***, 2024. Improved detection, mealybug transmission and prevalence of grapevine Roditis leaf discoloration associated virus (GRLDaV) in Greek vineyards. *Journal of Plant Pathology* 106(1), pp. 83–91
- Panailidou, P., Lotos, L., Orfanidou, C.G., Sassalou, C-L., Avgelis, A.D., Katis, N.I., **Maliogka, V.I.***, 2024. Prevalence and molecular characterization of grapevine virus E, F and I populations in Greek vineyards. *Journal of Plant Pathology* 106(1), pp. 31–43

2022 – 2023

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- Orfanidou, C.G., Katsiani, A., Candresse, T., Marais, A., Gkremotsi, T., Drogoudi, P., Kazantzis, K., Katis, N.I., **Maliogka, V.I.***, 2023. Identification of divergent isolates of cherry latent virus 1 in Greek sweet cherry orchards. *Archives of Virology* 168:243 <https://doi.org/10.1007/s00705-023-05875-7>
- Morán, Félix, Olmos, A., Glasa, M., Salva, M.B.D., **Maliogka, V.**, Wetzel, T., Ruiz-Garcia, A.B., 2023. A Novel and Highly Inclusive Quantitative Real-Time RT-PCR Method for the Broad and Efficient Detection of Grapevine Leafroll-Associated Virus 1. *Plants* 12(4): 876.
- Tsitsekan, D., Daras, G., Templalexis, D., Avgeri F., Lotos, L., Orfanidou, C.G., Ntoukakis, V., **Maliogka, V.I.**, Rigas, S., 2023. A subset of highly responsive transcription factors upon tomato infection by pepino mosaic virus. *Plant Biology* 25(4): 529-540
- Panailidou P., Galeou, A., Beris D., Pappi, P., Theologidis, I., Tzagaki, E., Lotos, L., Varveri, C., Katis, N.I., **Maliogka, V.I.***, 2023. Identification and genetic diversity of grapevine virus L in Greece. *Archives of Virology* 168(4): 127.
- Orfanidou, C.G., Cara, M., Jordan, M., Katis, N.I., **Maliogka, V.I.***, 2023. First report of cucurbit aphid-borne yellows virus in cucumber in Albania. *Journal of Plant Pathology* 105(1), 367-368. DOI: 10.1007/s42161-022-01281-1.
- Orfanidou, C.G., Cara, M., Merkuri, J., Katis, N.I., **Maliogka, V.I.***, 2022. First report of cucurbit aphid-borne yellows virus in cucumber in Albania. *Journal of Plant Pathology* 105(1), 367-368 (I.F.₂₀₂₂=2.2)
- Orfanidou, C.G., Cara, M., Merkuri, J., Katis, N.I., **Maliogka, V.I.***, 2022. First report of tomato chlorosis virus in tomato in Albania. *Journal of Plant Pathology* 104(3), 1177 (I.F.₂₀₂₂=2.2)
- Gavrili, V., Lotos, L., Katis, N.I., **Maliogka, V.I.***, 2022. First report of tomato chlorosis virus in pepper in Greece. *Journal of Plant Pathology* 104:439. (I.F.₂₀₂₂=2.2)
- Orfanidou, C.G., Cara, M., Merkuri, J., Papadimitriou, K., Katis, N.I., **Maliogka, V.I.***, 2022. First report of Tomato brown rugose fruit virus in tomato in Albania. *Journal of Plant Pathology* 104(2), 855 (I.F.₂₀₂₂=2.2)
- Orfanidou, C.G., Katiou, D., Papadopoulou, E., Katis, N.I., **Maliogka, V.I.***, 2022. A known ilarvirus is associated with a novel viral disease in pepper. *Plant Pathology* 71(9), 1901-1909.
- Orfanidou, C.G., Efthimiou, K., Katis, V.I., **Maliogka, V.I.***, 2022. Elucidating the sweet potato virome in Greece with the aid of high throughput sequencing technology. *Plant Pathology* 71(9), 1880-1891
- Katsiani, A., Panailidou, P., Mathioudakis, M., Katis, N., **Maliogka, V.I.***, 2022. Identification and complete genome sequencing of a divergent olive virus T isolate and an olive leaf yellowing-associated virus isolate naturally infecting olive trees in Greece *Virus Genes*, 58 (6), 560-569. (I.F.₂₀₂₁=2.198)
- Reynard, J.-S., Brodard, J., Dubuis, N., Kellenberger, I., Spilmont, A.-S., Roquis, D., **Maliogka, V.**, Marchal, C., Dedet, S., Gning, O., Croll, D., Gindro, K., Schumpp, O.,

Spring, J.-L., Lacombe, T., 2022. Screening of grapevine red blotch virus in two European ampelographic collections Journal of Plant Pathology, 104 (1), 9-15.

2020-2021

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- Orfanidou, C.G., Moraki, K., Panailidou, P., Lotos, L., Katsiani, A., Avgelis, A., Katis, N.I., **Maliogka, V.I.***, 2021. Prevalence and genetic diversity of viruses associated with rugose wood complex in Greek vineyards. Plant Disease 105(11), 3677-3685.
- Orfanidou, C.G., Lotos, L., Tsiolakis, G., Stefanidis, S.K., Tsialtas, J.T., Katis, N.I., **Maliogka, V.I.***, 2021. Molecular characterization of poleroviruses isolated from oilseed rape in Greece. Virus Genes 57:289–292
- Orfanidou, C.G., Xing, F., Zhou, J., Li, S., Katis, N.I., **Maliogka, V.I.***, 2021. Identification and sequencing analysis of a novel ilarvirus infecting sweet cherry. Plants 10:514
- Orfanidou, C.G., Katsiani, A., Papayianis, L., Katis, N.I., **Maliogka, V.I.***, 2021. Interplay of cucurbit yellow stunting disorder virus with cucurbit chlorotic yellows virus and transmission dynamics by *Bemisia tabaci* MED. Plant Disease 105:416-424
- Lotos, L., Tsialtas, I., Katis, N., **Maliogka, V.***, 2021. First report of bean leafroll virus (BLRV) naturally infecting common and bitter vetch and alfalfa in Greece. Journal of Plant Pathology, 103 (2), 727.
- Ilbağı, H., Panailidou, P., Lotos, L., Sasselou, C.-L., **Maliogka, V.***, Katis, N., Çıtır, A., 2021. First report of grapevine virus T in grapevine in Turkey Journal of Plant Pathology, 103 (3), 1033-1034.
- Bester, R., Lotos, L., Vermeulen, A., Pietersen, G., **Maliogka, V.I.**, Maree, H.J., 2021. Complete genome sequence of a grapevine Roditis leaf discoloration-associated virus (GRLDaV) variant from South Africa Archives of Virology, 166 (7), 2041-2044.
- Gavriili, V., Orfanidou, C.G., Katis, N.I., **Maliogka, V.I.***, 2021. First report of beet pseudoyellows virus in lettuce in Greece. Journal of Plant Pathology 103:1341
- Gavriili, V., Lotos, L., Mollov, D., Grinstead, S., Tsialtas, I.T., Katis, N.I., **Maliogka, V.I.***, 2021. First report of barley virus G infecting corn in Greece. Journal of Plant Pathology, 103 (4), 1331.
- Panailidou, P., Lotos, L., Sasselou, C.-L., Gagiano, E., Pietersen, G., Katis, N.I., **Maliogka, V.I.*** (2021). First report of grapevine virus h in grapevine in Greece Plant Disease, 105 (9), 2738.
- Karapetsi L., Chatzivassiliou E.K, Katis, N.I., **Maliogka, V.I.***, 2021. Artichoke yellow ringspot virus as the causal agent of a new viral disease of lettuce: Epidemiology and molecular variability. Plant Pathology, 70 (3), 594-603.
- Katsiani, A., Li, S., Zhou, J., Demertzi, E., Katis, N.I., **Maliogka, V.I.***, 2021. First report of cherry virus Turkey in sweet cherry in Greece. Plant Disease, 105 (1), 235.
- Mathioudakis, M.M., **Maliogka, V.I.**, Candresse, T., Nickel, O., Fajardo, T.V.M., Budzyńska, D., Hasiów-Jaroszewska, B., Katis, N.I., 2021. Molecular characterization

of the coat protein gene of greek apple stem pitting virus isolates: Evolution through deletions, insertions, and recombination events *Plants*, 10 (5), 917.

- Lotos, L., Ruiz-Garcia A.B., Panailidou, P., Olmos, A., Katis, N.I., **Maliogka, V.I.***, 2020. The complete genome sequence of a divergent grapevine virus I isolate naturally infecting grapevine in Greece. *Arch Virol* 165, 3003-3006.
- Orfanidou, C.G., Beta C., Reynard, J-S., Tsiolakis, G., Katis, N.I., **Maliogka, V.I.***, 2020. Identification, molecular characterization and prevalence of a novel cytorhabdovirus infecting zucchini crop in Greece. *Virus Res* 287, 198095.
- Pappi, P.G., Fotiou, I., Efthimiou, K.E., Katis, N.I., **Maliogka, V.I.***, 2020. Development of three duplex RT-PCR assays for the sensitive and rapid detection of a phytoplasma and five viral pathogens affecting stone fruit trees. *Molecular and Cellular probes* 53, 101621.
- Moran, F., Sasselou, C-L, Canales C., **Maliogka, V.I.**, Olmos, A., Ruiz-Garcia, A.B., 2020. Specific real-time PCR for the detection and absolute quantitation of grapevine Roditis leaf discoloration-associated virus, an EPPO alert pathogen. *Plants*, 9(9), 1151, 1-12.
- Morellos, A., Tziotziou, G., Orfanidou, C., Pantazi, X.E., Sarantaris, C., **Maliogka, V.**, Alexandridis, T.K., Moshou, D., 2020. Non-destructive early detection and quantitative severity stage classification of tomato chlorosis virus (ToCV) infection in young tomato plants using VIS-NIR spectroscopy. *Remote Sensing* 12 (12), 1920.
- Sasselou, C.-L., Katsarou, K., Lotos, L., Orfanidou, C., **Maliogka, V.I.***, Kalantidis, K., Katis, N.I., Pappi, P., 2020. First report of grapevine yellow speckle viroid-2 in grapevine in Greece. *Plant Disease* 104:1879-1879
- Ilbagi, H., Panailidou, P., Gagiano, E., Pietersen, G., **Maliogka, V.***, Katis, N., Citir, A. 2020. First report of grapevine virus L in grapevine in Turkey. *J Plant Pathol.* 103(1): 343.
- Pappi, P.G., Efthimiou, K., Lotos, L., Katis, N.I., **Maliogka, V.I.***, 2020. First report of grapevine hammerhead viroid-like RNA (GHVd) in grapevine in Greece. *J Plant Pathol.* 102, 257-257.

2018-2019

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- Fotiou, I.S., Pappi, P.G., Efthimiou, K.E., Katis, N.I. and **Maliogka, V.I.***, 2019. Development of one-tube real-time RT-qPCR for the universal detection and quantification of *Plum pox virus* (PPV). *J. Virol. Methods* 263, 10-13
- Orfanidou, C.G., Tsvetkov, I., Efthimiou, K.E., **Maliogka, V.I.***, Katis, N.I., 2019. First report of *Cucumber green mottle mosaic virus* in cucumber greenhouse crops in Bulgaria. *J. Plant Pathol.* 101, 423.
- Orfanidou, C.G., Papayiannis, L.C., Pappi, P.G., Katis, N.I. and **Maliogka V.I.***, 2019. Criniviruses associated with cucurbit yellows disease in Greece and Cyprus: an ever-changing scene. *Plant Pathology* 68 (4), 764-774.

- Orfanidou, C.G., Mathioudakis, M.M., Katsarou, K., Livieratos, I., Katis, N.I., **Maliogka, V.I.***, 2019. Cucurbit chlorotic yellows virus p22 is a suppressor of local RNA silencing. *Arch Virol* 164, 2747-2759
- Panailidou, P., Lotos, L., Olmos, A., Ruiz-Garcia, A.B., Moran, F., Orfanidou, C.G., Sasselou, C-L., Katis, N.I., **Maliogka, V.I.***, 2019. First Report of *Grapevine virus E* and *Grapevine virus F* in Grapevine in Greece. *Plant Disease* 103, 1440-1440
- Massart, S., Chiumenti, M., De Jonghe, K., Glover, R., Haegeman, A., Koloniuk, I., Komínek, P., Kreuze, J., Kutnjak, D., Lotos, L., Maclot, F., **Maliogka, V.I.**, Maree, H., Olivier, T., Olmos, A., Pooggin, M., Reynard, J.-S., Ruiz-García, A.B., Safarova, D., Schneeberger, P.HH., Sela, N., Turco, S., Vainio, E.J., Varallyai, E., Verdin, E., Westenberg, M., Brostaux, Y., Candresse, T., 2019. Virus detection by high-throughput sequencing of small RNAs: large scale performance testing of sequence analysis strategies. *Phytopathology*, 109(3): 488-497
- Orfanidou, C.G., Malandraki, I., Beris, D., Kektsidou, O., Vassilakos, N., Varveri, C., Katis, N.I., **Maliogka, V.I.***, 2019. First report of *Tomato leaf curl New Delhi virus* (ToLCNDV) in zucchini crops in Greece. *J. Plant Pathol.* 101:799-799
- Orfanidou, C.G., Boutsika, A., Tsiolakis, G., Winter, S., Katis, N.I., **Maliogka, V.I.***, 2019. *Capsicum chlorosis virus*: a new viral pathogen of pepper in Greece. *Plant Disease* 103(2), 379.
- Katsiani, A.T., Pappi, P.G., Olmos, A., Efthimiou, K.E., **Maliogka, V.I.***, Katis, N.I., 2018. Development of a real-time RT-PCR for the universal detection of LChV-1 and study of the seasonal fluctuation of the viral titer in sweet cherry cultivars. *Plant Disease* 102, 899-904.
- Koloniuk I., Sarkisova T., Petrzik K., Lenz O., Přibylová J., Fránová J., Špak J., Lotos L., Beta C., Katsiani A., Candresse T., **Maliogka V.I.***, 2018. Variability Studies of Two *Prunus*-Infecting Fabaviruses with the Aid of High-Throughput Sequencing. *Viruses*. 10(4). pii: E204. doi: 10.3390/v10040204.
- Morán, F., Olmos, A., Lotos, L., Predajňa, L., Katis, N., Glasa, M., **Maliogka V.**, Ruiz-García, A.B., 2018. A novel specific duplex real-time RT-PCR method for absolute quantitation of *Grapevine Pinot gris virus* in plant material and single mites. *PLoS ONE* 13(5): e0197237. <https://doi.org/10.1371/journal.pone.0197237>
- Bananej, K., Orfanidou, C., **Maliogka, V.I.***, Katis N., 2018. First report of Moroccan watermelon mosaic virus in zucchini in Iran. *Plant Disease* 102, 2047-2047
- Lotos, L., Olmos, A., Katis, N., **Maliogka V.I.***, 2018. First report of carrot torrado virus 1 and carrot thin leaf virus naturally infecting *Torilis arvensis* ssp. *arvensis* in Greece. *Plant Disease* 102, 2049-2049
- Katsiani, A., **Maliogka, V.I.***, Katis, N., Svanella-Dumas, L., Olmos, A., Ruiz-García, A.B., Marais, A., Faure, C., Theil, S., Lotos, L., Candresse, T., 2018. High-Throughput Sequencing Reveals Further Diversity of Little Cherry Virus 1 with Implications for Diagnostics. *Viruses* 10, 385. doi:10.3390/v10070385
- **Maliogka, V.I.***, Minafra, A., Saldarelli, P., Ruiz-García A.B., Glasa, M., Katis, N., Olmos, A., 2018. Recent Advances on Detection and Characterization of Fruit Tree

Viruses Using High-Throughput Sequencing Technologies. *Viruses* 10(8). pii: E436. doi: 10.3390/v10080436.

- Lotos, L., Kavroulakis, N., Navarro, B., Di Serio, F., Olmos, A., Ruiz-García, A.B., Katis, N., **Maliogka V.I.***, 2018. First report of avocado sunblotch viroid (ASBVd) naturally infecting avocado (*Persea americana*) in Greece. *Plant Disease* 102, 1470-1470
- Ulubaş Serçe, C., Altan, B., Bolat, V., Ayyaz, M., Cifci, O., Onder, S., Öztürk Gökçe, Z.N., **Maliogka, V.I.***, 2018. First report of *Grapevine Roditis leaf discoloration associated virus* infecting grapevine (*Vitis vinifera*) in Turkey. *Plant Disease* 102, 256-256

2016-2017

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- Orfanidou C.G., Baltzi, A., Dimou, N.A., Katis, N.I., **Maliogka, V.I.***, 2017. Cucurbit chlorotic yellows virus: Insights in its natural host range, genetic variability and transmission parameters. *Plant Disease* 101, 2053-2058.
- Lotos L. Olmos, A., Orfanidou, C., Efthimiou, K., Avgelis, A., Katis, N.I., **Maliogka, V.I.***, 2017. Insights into the etiology of polerovirus-induced pepper yellows disease. *Phytopathology* 107, 1567-1576.
- Orfanidou, C.G., **Maliogka, V.I.***, Katis, N.I., Kontosfyris, G., Smith, T., Caglayan, K., 2017. First report of cucurbit chlorotic yellows virus in cucumber in Turkey. *J. Plant Pathol.* 99, 533-533
- Lotos, L., **Maliogka, V. I.***, Katis, N. I., 2016. New poleroviruses associated with yellowing symptoms in different vegetable crops in Greece. *Arch Virol* 161, 431-436.
- Pappi, P.G., Maliogka, V.I., Amoutzias, G.D., Katis, N.I., 2016. Genetic variation of eggplant mottled dwarf virus from annual and perennial plant hosts. *Arch Virol* 161, 631-639.
- Orfanidou, C.G., Pappi, P.G., Efthimiou, K.E., Katis, N.I., **Maliogka, V.I.***, 2016. Transmission of *Tomato chlorosis virus* (ToCV) by *Bemisia tabaci* Biotype Q and Evaluation of Four Weed Species as Viral Sources. *Plant Disease* 100, 2043-2049.
- Orfanidou, C. G., **Maliogka, V.I.***, Katis, N. I., 2016. False Yellowhead (*Dittrichia viscosa*), A Banker Plant as Source of Tomato infectious chlorosis virus in Greece. *Plant Disease* 100, 869-869

2014-2015

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- **Maliogka, V.I.***, Olmos, A., Pappi, P.G., Lotos, L., Efthimiou, K., Grammatikaki, G., Candresse, T., Katis, N.I., Avgelis, A.D., 2015. A novel grapevine badnavirus is associated with the Roditis leaf discoloration disease. *Virus Res.* 203, 47-55.

- Xanthis, C.K., **Maliogka, V.I.**, Lecoq, H., Desbiez, C., Tsvetkov, I., Katis, N.I., 2015. First report of Cucumber mosaic virus infecting watermelon in Greece and Bulgaria. *J. Plant Pathol.* 97, 399-399.
- Katsiani, A.T., **Maliogka, V.I.**, Amoutzias, G.D., Efthimiou, K.E., Katis, N.I., 2015. Insights into the genetic diversity and evolution of *Little cherry virus 1*. *Plant Pathol.* 64, 817-824.
- Xanthis C.K., **Maliogka, V.I.**, Katis, N.I., 2015. First report of Cucumber mosaic virus in anemone sp in Greece. *J. Plant Pathol.* 97, 541-541.
- Moraki, K.N., **Maliogka, V.I.***, Katis, N.I., 2014. First report of a “*Candidatus phytoplasma solani*” related strain associated with a potato reddening disease in Greece. *J. Plant Pathol.* 96, S4.119.
- Katsiani, A.T., **Maliogka, V.I.***, Candresse, T., Katis, N.I., 2014. Host-range studies, genetic diversity and evolutionary relationships of ACLSV isolates from ornamental, wild and cultivated Rosaceous species. *Plant Pathol.* 63, 63-71.
- Orfanidou, C.G., Dimitriou, C., Papayiannis, L.C., **Maliogka, V.I.**, Katis, N.I., 2014. Epidemiology and genetic diversity of criniviruses associated with tomato yellows disease in Greece. *Virus Res.* 186, 120-129.
- Lotos, L., Efthimiou, K., **Maliogka, V.I.***, Katis, N.I., 2014. Generic detection of poleroviruses using an RT-PCR assay targeting the RdRp coding sequence. *J. Virol. Methods* 198, 1-11.
- Orfanidou C., **Maliogka V.I.**, Katis N.I., 2014. First report of Cucurbit chlorotic yellows virus in cucumber, melon and watermelon in Greece. *Plant Disease* 98, 1446-1446.

2012-2013

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- Carbonell A.*, **Maliogka V.I.***, Perez J.D., Salvador B., San Leon D., Garcia J.A., Simon-Mateo C., 2013. Diverse Amino Acid Changes at Specific Positions in the N-Terminal Region of the Coat Protein Allow *Plum pox virus* to Adapt to New Hosts. *MPMI* 26, 1211-1224.
- Skiada, F.G., **Maliogka, V.I.**, Katis, N.I. and Eleftheriou, E.P. 2013. Elimination of grapevine rupestris stem pitting-associated virus (GRSPaV) from two *Vitis vinifera* cultivars by *in vitro* chemotherapy. *Eur. J. Plant Pathol.* 135, 407-414.
- Pappi, P., Dovas, C.I., **Maliogka, V.I.**, Efthimiou, K. and Katis, N.I. 2013. A novel strategy for the determination of a rhabdovirus genome and its application to sequencing of *Eggplant mottled dwarf virus*. *Virus Genes* 47, 105-113.
- Lotos L., Tsialtas J.T., **Maliogka V.I.**, Kaloumenos N., Eleftherohorinos I.G. and Katis N.I. 2013. First report of a “*Candidatus phytoplasma solani*” related strain associated with a disease of *Datura stramonium* in Greece. *J. Plant Pathol.* 95, 447-447.
- **Maliogka, V.I.***, Calvo, M., Carbonell, A., Garcia, J.A., and Valli, A., 2012. Heterologous RNA-silencing suppressors from both plant- and animal-infecting viruses support plum pox virus infection. *J. Gen. Virol.* 93, 1601-1611.

- **Maliogka V.I.***, Salvador B., Carbonell A., Sáenz P., León D.S., Oliveros J.C., Delgadillo M.O., García J.A., Simón-Mateo C., 2012. Virus variants with differences in the P1 protein coexist in a Plum pox virus population and display particular host-dependent pathogenicity features. *Mol. Plant Pathol.* 13, 877-886, doi: 10.1111/j.1364-3703.2012.00796.x.
- Valli, A., Busnadiego, I., **Maliogka V.**, Ferrero D., Castón J.R., Rodríguez J. F., García J.A., 2012. The VP3 factor from viruses of *Birnaviridae* family suppresses the RNA silencing by binding both long and small RNA duplexes. *PLoS ONE* 7(9): e45957. doi:10.1371/journal.pone.0045957.
- Martelli, G.P., Abou Ghanem-Sabanadzovic, N., Agranovsky, A.A., Al Rwahnih, M., Dolja, V.V., Dovas, C.I., Fucks, M., Gugerli, P., Hu, J.S., Jelkmann, W., Katis, N.I., **Maliogka, V.I.**, Melzer, M.J., Manzel, M.E., Rott, M.E., Rowhani, A., Sabanadzovic, S. and Saldarelli, P. 2012. Taxonomic revision of the family *Closteroviridae* with special reference to the grapevine leafroll associated members of the genus *Ampelovirus* and the putative species unassigned to the family. *J. Plant Pathol.* 94, 7-19.

2010-2011

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- Dovas C.I., Papanastassopoulou M., Georgiadis M.P., Chatzinasiou E., **Maliogka V.I.**, and Georgiades G.K., 2010. Detection and Quantification of Infectious Avian Influenza A (H5N1) Virus in Environmental Water by Using Real-Time Reverse Transcription-PCR. *Appl. Environ. Microbiol.* 76, 2165-2174
- Katis N.I., Chatzivassiliou E.K., Clay C.M., **Maliogka V.I.**, Pappi P., Efthimiou K., Dovas C.I., Avgelis, A.D. (2011). Development of an IC-RT-PCR assay for the detection of Eggplant mottled dwarf virus and partial characterization of isolates from various hosts in Greece. *J. Plant Pathol.* 93, 353-362.

2008-2009

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- **Maliogka V.I.***, Dovas C.I., Lotos L., Efthimiou K., Katis N.I., 2009. Complete genome analysis and immunodetection of a novel virus species belonging to the genus *Ampelovirus*. *Arch. Virol.* 154, 209-218
- Skiada F.G., Grigoriadou K., **Maliogka V.I.**, Katis N.I., Eleftheriou E.P., 2009. Elimination of *grapevine leafroll associated virus 1* and *grapevine rupestris stem pitting-associated virus* from grapevine cv. 'Agiorgitiko' and a micropropagation protocol for massive production of virus-free plantlets. *J. Plant Pathol.* 91, 175-182
- **Maliogka V.I.***, Skiada F.G., Katis N.I., Eleftheriou E.P., 2009. Elimination of a new ampelovirus (GLRaV-Pr) and *Grapevine Rupestris stem pitting associated virus*

(GRSPaV) from two *Vitis vinifera* cultivars combining *in vitro* thermotherapy with shoot tip culture. Sci. Hort. 123, 280-282

- Mathioudakis M.M., **Maliogka V.I.**, Katsiani A.T., Katis N.I., 2009. Incidence and molecular variability of Apple stem pitting and Apple chlorotic leaf spot viruses in apple and pear orchards in Greece. J. Plant Pathol. 92, 139-147.
- Mathioudakis M.M., **Maliogka V.I.**, Dovas C.I., Paunović S., Katis N.I., 2009. Reliable RT-PCR detection of *Apple stem pitting virus* in pome fruits and its association with quince fruit deformation disease. Plant Pathol. 58, 228-236
- **Maliogka V.I.***, Tsialtas J.T., Papantoniou A., Efthimiou K., Katis N.I., 2009. First report of a phytoplasma associated with an oilseed rape disease in Greece. Plant Pathol. 58, 792-792
- **Maliogka V.I.***, Dovas C.I., Katis, N.I., 2008. Evolutionary relationships of virus species belonging to a distinct lineage within the *Ampelovirus* genus. Virus Res. 135, 125-135
- **Maliogka V.I.***, Dovas C.I., Katis N.I., 2008. Generic and species-specific detection of viruses belonging to an evolutionary distinct lineage within the *Ampelovirus* genus. J. Virol. Methods 154, 41-47

2006-2007

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- Koubouris G.C., **Maliogka V.I.**, Efthimiou K., Katis N.I., Vasilakakis M.D., 2007. Elimination of *Plum pox virus* through *in vitro* thermotherapy and shoot tip culture compared to conventional heat treatment in apricot cultivar Bebecou. J. Gen. Plant Pathol. 73, 370-373
- **Maliogka V.I.***, Dovas C.I., Katis, N.I., 2007. Demarcation of ilarviruses based on the phylogeny of RNA2-encoded RdRp and a generic ramped annealing RT-PCR. Arch. Virol. 152, 1687-1698
- **Maliogka V.I.***, Dovas C.I., Lesemann D.E., Winter S., Katis N.I., 2006. Molecular identification, RT-PCR detection, host reactions and specific cytopathology of *Artichoke yellow ringspot virus* infecting onion crops. Phytopathology 96, 622-629
- Papayiannis L.C., Ioannou N., Dovas C.I., **Maliogka V.I.**, Katis N.I., 2006. First report of *Tomato chlorosis virus* (ToCV) on tomato crops in Cyprus. Plant Pathol. 55, 567-567
- Mathioudakis M.M., **Maliogka V.I.**, Dovas C.I., Vasilakakis M., Katis N.I., 2006. First record of the *Apple stem pitting virus* (ASPV) in Quince in Greece. J. Plant Pathol. 88, 225-225

2004-2005

Scientific articles published in international peer-reviewed journals (* indicates first, last or corresponding author)

- **Maliogka V.***, Dovas C.I., Efthimiou K., Katis N.I., 2004. Detection and differentiation of *Comoviridae* species using a semi-nested RT-PCR and a phylogenetic analysis based on the polymerase protein. *J. Phytopathol.* 152, 404-409

Book chapters

- Lotos, L., Gavriili, V., Katis, N.I., **Maliogka, V.I.**, 2023. Polerovirus-induced pepper yellows disease. In *Pepper Virome* (Editors Akhtar Ali, Rajarshi K. Gaur). Elsevier
- **Maliogka, V.I.**, Orfanidou, C.G., Katis, N.I., 2022. Cucurbit chlorotic yellows virus. *CABI compendium* | <https://doi.org/10.1079/cabicompendium.110472>
- **Maliogka V.I.**, Wintermantel, W.M., Orfanidou, C.G., Katis, N.I., 2019. Criniviruses infecting vegetable crops (chapter 12). In *Applied Plant Biotechnology for Improving Resistance to Biotic Stress* (Editors Palmiro, Poltronieri, Hong, Yiguo). Elsevier
- **Maliogka, V.I.**, Orfanidou, C., Lotos, L., Katis N. I., 2018. Diagnosis and Detection (chapter 2). In *Cucumber mosaic virus* (Editors Peter Palukaitis and Fernando Garcia-Arenal). APS
- Katis, N.I., Chatzivassiliou, E., Kalantidis, K., Tsagris, E., **Maliogka, V.I.**, 2018. Control (chapter 9). In *Cucumber mosaic virus* (Editors Peter Palukaitis and Fernando Garcia-Arenal). APS
- Aboughanem-Sabanadzovic N., **Maliogka V.** and Sabanadzovic S., 2017. Grapevine Leafroll-Associated Virus 4 (Chapter 9). In *Grapevine viruses: molecular biology, diagnostics and management*. Ed Baozhong Meng. Springer Science and Business Media, New York. pp. 197-220.
- Varveri C., **Maliogka V.I.**, Kapari-Isaia T., 2015. Principles of supplying virus tested material. In Gad Loebenstein and Nikolaos Katis, editors: *Advances in Virus Research*, Vol. 91, Academic Press, pp. 1-32.
- **Maliogka, V.I.**, Martelli, G.P., Fuchs, M., Katis, N.I., 2015. Control of viruses infecting grapevine. In Gad Loebenstein and Nikolaos Katis, editors: *Advances in Virus Research*, Vol. 91, Academic Press, pp. 175-227.
- **Maliogka V.I.**, Dovas C.I. and Katis N.I., 2012. *Ampelovirus*, Closteroviridae. In Tidona, C. & Darai, G. (Eds) *The Springer Index of Viruses*, pp. 317-326, DOI 10.1007/978-0-387-95919-1.
- Katis N. I., **Maliogka V.I.**, and Dovas C. I., 2012. Viruses of the Genus *Allium* in the Mediterranean Region. In Gad Loebenstein and Hervé Lecoq, editors: *Advances in Virus Research* (I.F.₂₀₁₁= 3.971), Vol. 84, Burlington: Academic Press, pp. 163-208.

Presentations at National and International Congresses

I participated with more than 240 presentations (oral or posters) at national (147) (e.g. National Conference of the Hellenic Phytopathological Society, National Conference of the Hellenic Society of Virology, Conference of the Hellenic Society of Horticultural Science) and international congresses (94) (e.g. International Conference on Virus and other Graft

Transmissible Diseases of Fruit Crops (ICVF), International Symposium of Plant Virus Epidemiology, International advances in Plant Virology, Congress of Mediterranean Phytopathological Union, Conference of the International council for the study of viruses and virus-like diseases of grapevine (ICVG)).

-Presentations at International Congresses (short abstracts at the congresses' proceedings)

1. Dovas C.I., Boubourakas I.N., **Maliogka V.**, Avgelis A.D., Katis N.I., 2004. Epidemics of whitefly-borne viruses in tomato and cucurbit crops in Greece. 2nd European Whitefly Symposium, Cavtat, Croatia, October 5-9, pp. 29.
2. **Maliogka V.**, Dovas C.I., Efthimiou K., Katis N.I., 2004. Detection and differentiation of picorna-like plant viruses using a semi-nested RT-PCR and a phylogenetic analysis based on the polymerase protein gene. V congress of plant protection, Zlatibor, Serbia, November 22-26, pp. 88-89.
3. Candresse T., Barone M., Svanella-Dumas L., Marais A., Ragozzino A., Mathioudakis M.M., **Maliogka V.I.**, Katis N.I., 2006. Analysis of *Apple chlorotic leaf spot virus* (ACLSV) genetic diversity and implications for its evolutionary history and for its epidemiology. XXth International symposium on virus and virus-like diseases of temperate fruit crops and XIth International symposium on small fruit virus diseases, Antalya, Turkey, May 22-26, pp. 24.
4. **Maliogka V.I.**, Dovas C.I., Katis N.I., 2008. Molecular characterization, evolutionary relationships and detection of ampeloviruses genetically related to GLRaV-5. XIV International Congress of Virology Istanbul 10-15 August, pp. 15.
5. Skiada F.G., Grigoriadou K., **Maliogka V.I.**, Katis N.I., Eleftheriou E.P., 2008. Elimination of GLRaV-1 and RSPaV-1 in *Vitis vinifera* L. cv. 'Agiorgitiko' and development of an efficient micropropagation protocol. XVI Congress of the Federation of European Societies of Plant Biology (FESPB), Tampere Finland 17-22 August. *Physiologia Plantarum* 133, section P07-060.
6. Marais A., Youssef F., Faure C., Barone M., **Maliogka V.**, Katis N., Foissac X., Gentil P., Candresse T., 2009. Towards the elucidation of the taxonomic position of *Prunus*-infecting viral agents belonging to the *Foveavirus* genus and their relationship with *Apple stem pitting virus*. 21st International Conference on Virus and other Graft Transmissible Diseases of Fruit Crops (ICVF), Neustadt, Germany 5-10 July, pp 31.
7. Dovas C.I., Papanastassopoulou M., Georgiadis G.K., Chatzinasiou E., **Maliogka V.I.**, Georgiadis M.P., 2009. Sensitive detection and quantification of infectious avian influenza A (H5N1) virus particles in environmental water using real-time RT-PCR and formalin-fixed erythrocytes. XVIth World Veterinary Poultry Association congress, Marrakesh, Morocco, 8-12 November. P9-A1.
8. Papanastassopoulou M., Dovas C.I., Domanska-Blicharz K., Minta Z., Smietanka K., Georgiadis G.K., **Maliogka V.I.**, Chatzinasiou E., Makrigianni E., Vangeluwe D., Georgiadis M.P., 2009. Assessment of H5N1 high pathogenic avian influenza virus

persistence in water from different aquatic bird habitats. XVIth World Veterinary Poultry Association congress, Marrakesh, Morocco, 8-12 November. P7-AI.

9. Carbonell A., **Maliogka V.**, Salvador B., García J.A., and Simón-Mateo C. 2010. Host specific pathogenicity determinants identified in the N-terminal region of *Plum pox virus* coat protein. II Reunión de la Red Nacional de Virología de Plantas (Reviplant). Puerto de Santa Maria (Cadiz, Spain), 8-10 March. P13.
10. **Maliogka V.**, Carbonell A., Salvador B., Garcia J.A., Simon-Mateo, C., 2010. P1 and CP, the two ends of the potyviral polyprotein, are involved in viral pathogenicity and host adaptation. SharCo Research Workshop, September 6-7 Sofia, Bulgaria. pp.32.
11. **Maliogka V.**, Carbonell A., Salvador B., Garcia J., Simon-Mateo, C., 2010. P1 and CP, the two ends of the potyviral polyprotein, are involved in viral pathogenicity and host adaptation. EMBO workshop, Genomic approaches to interactions between plant viruses, their hosts and their vectors. 12-16 June, Fenestrelle, Italy. P63.
12. Katsiani A.T., **Maliogka V.I.**, Efthimiou K.E. and Katis N.I. 2012. Partial characterization of a distinct Little cherry virus 1 isolate reveals high intraspecies genetic variability. 22nd ICFV Meeting, Rome 3-8 June, Book of abstracts pp. 131.
13. Katsiani A.T., Drougkas E., Deligiannis E., Ktori C., Katis N.I. and **Maliogka V.I.** 2012. Detection of Cherry virus A and Cherry green ring mottle virus in Greek sweet cherry orchards. 22nd ICFV Meeting, Rome 3-8 June, Book of abstracts pp. 130.
14. Carbonell A., **Maliogka V.**, Perez J.J., Salvador, B., San Leon, B., Garcia, J.A., Simon-Mateo C., 2013. Amino acid changes in the N-terminal region of the coat protein facilitate long-distance movement of *Plum pox virus* and allow it to adapt to new hosts. EMBO Workshop, Green viruses, from Gene to landscape. 7-11 September. Hyeres-les-Palmiers, France. P24.
15. Orfanidou C.G., Dimitriou C., Papayiannis L.C., **Maliogka V.I.** and Katis N.I. 2013. Epidemiology and evolutionary studies of criniviruses associated with tomato yellows disease in Greece. The 12th International Symposium on Plant Virus Epidemiology, Arusha (Tanzania), 28 January -1 February 2013, Book of Abstracts p. 79.
16. Orfanidou C.G., Papayiannis L.C., Dimitriou C., Zikou M., **Maliogka V.I.** and Katis N.I. 2013. Whitefly-transmitted criniviruses in vegetable crops in Greece. First International Whitefly Symposium, 20-24 May, Kolymbari, Crete, Greece, Orthodoxe Academy of Science, Book of Abstracts p. 95.
17. Fotiou I.S., Pappi P.G., Efthimiou K.E., Katis N.I. and **Maliogka V.I.** 2013. Development of a TaqMan real-time Rt-PCR for the universal detection and quantification of *Plum pox virus* (PPV). 2nd International Symposium on *Plum Pox Virus*, Olomouc, Czech Republic, September 3-6, Book of abstracts pp. 33.
18. Dimitriadou A., **Maliogka V.I.**, Cambra M. and Katis N.I. 2013. Identification and mapping of PPV strains in Prunus species in Greece. 2nd International Symposium on *Plum Pox Virus*, Olomouc, Czech Republic, September 3-6, Book of abstracts pp. 77.
19. Katsiani A., **Maliogka V.I.**, Efthimiou K. and Katis N.I. 2013. Insights into the evolution of *Little cherry virus 1*. International Advances in Plant Virology, September 25-27, Norwich, UK, Abstracts.

20. Lotos L., **Maliogka V.I.**, Efthimiou K. and Katis N.I. 2013. Detecting poleroviral complexes. International Advances in Plant Virology, September 25-27, Norwich, UK, Abstracts.
21. Pappi P.G., Efthimiou K.E., Papayiannis L.G., **Maliogka V.I.** and Katis, N.I. 2013. Genetic variability and evolutionary analysis of *Eggplant mottled dwarf virus*. International Advances in Plant Virology, September 25-27, Norwich, UK, Abstracts.
22. Fotiou, I.S., Pappi, P.G., Efthimiou, K.E., **Maliogka, V.I.** and Katis, N.I. 2014. Development of a multiplex one-step Real-time RT-PCR assay for the detection and quantification of *Prunus necrotic rigspot virus* (PNRSV) and *Prune dwarf virus* (PDV). 14th Congress of Mediterranean Phytopathological Union, 25-29 August 2014, Istanbul, Turkey, Abstracts p. 134.
23. Xanthis, C.K., **Maliogka, V.I.** and Katis, N.I. 2014. Incidence of aphid-bore viruses in cucurbit crops in Greece. 14th Congress of Mediterranean Phytopathological Union, 25-29 August 2014, Istanbul, Turkey, Abstracts p. 135.
24. Orfanidou, C.G., **Maliogka, V.I.** and Katis, N.I. 2014. *Cucurbit chlorotic yellows virus*: a new serious pathogen of cucurbit crops in Greece. 14th Congress of Mediterranean Phytopathological Union, 25-29 August 2014, Istanbul, Turkey, Abstracts p. 136.
25. Dimitriadou, A., **Maliogka, V.I.** and Katis, N.I. 2014. *Plum pox virus* strain M is prevalent in stone fruit trees in Greece. 14th Congress of Mediterranean Phytopathological Union, 25-29 August 2014, Istanbul, Turkey, Abstracts p. 152.
26. Fotiou, I.S., Pappi, P.G., Efthimiou, K.E., **Maliogka, V.I.** and Katis, N.I. 2014. Development of one-tube Real-time RT-PCR assay for the sensitive and rapid detection of *Peach latent mosaic viroid* (PLMVd). The 5th Asian Conference on Plant Pathology (ACPP 2014), November 3-6, 2014, The Empress Hotel, Ching Mai, Thailand, Abstracts p. 84.
27. Varveri, C. and **Maliogka, V.**, 2015. Application of the Ion Torrent technology in known and unknown virus sequence determination. Overview of NGS applications for the study and diagnosis of plant viruses. 1st Conference of the Cost Action FA1407 DIVAS, 16-18 November Ljubljana Slovenia. (δεν υπάρχει περίληψη)
28. Kamran, A., Lotos, L., Al-Saleh, M., Amer, M., Shakeel, M.T., Shahwan, I.M., Katis, N.I. and **Maliogka, V.I.** 2015. A divergent polerovirus associated with pepper yellowing in Saudi Arabia. 5th Conference of the International Working Group on Legume and Vegetable Viruses, p. 71.
29. Xanthis, C.K., **Maliogka, V.I.** and Katis, N.I. 2015. Aphid transmission of two potyviruses and *Cucumber mosaic virus* from singly and doubly infected zucchini plants. 5th Conference of the International Working Group on Legume and Vegetable Viruses, p. 72.
30. Xaxiri, E., Xanthis, C.K., **Maliogka, V.I.**, Desbiez, C., Lecoq, H., Millot, P., Wipf-Scheibel, C. and Katis, N.I. 2015. Molecular variability of *Watermelon mosaic virus* isolates in Greece. 5th Conference of the International Working Group on Legume and Vegetable Viruses, p. 73.
31. Orfanidou, C.G., Papayiannis, L.C., Lotos, L., Zikou, M., Dimou, N., Katis, N.I. and **Maliogka, V.I.** 2015. Incidence and epidemiology of criniviruses involved in Cucurbit

yellows disease in Greece. 5th Conference of the International Working Group on Legume and Vegetable Viruses, p. 74.

32. **Maliogka, V.I., 2015.** Unraveling the Genetic Diversity, Evolutionary Mechanisms and Protein Functions of Closteroviruses: the Example of Little Cherry Virus 1. Plant RNA Pathogens Workshop, IMBB-FORTH, Heraklion, Crete 28-29 May. (δεν υπάρχει περίληψη)
33. Katsiani, A.T., Olmos, A., Pappi, P., Efthimiou, K.E., **Maliogka, V.I.**, Katis, N.I., 2015. Development of one-tube real-time reverse transcription polymerase chain reaction (real-time RT-PCR) for the detection of LChV-1. 23rd International Conference on Virus and Other Graft Transmissible Diseases of Fruit Trees, Morioka, Japan, 8-12 June, Abstracts p. 115.
34. Dimitriadou, A., Katis, N.I., **Maliogka, V.I.**, 2015. Preliminary studies on the viruses infecting Fig (*Ficus carica* L.) in Greece. 23rd International Conference on Virus and Other Graft Transmissible Diseases of Fruit Trees, Morioka, Japan, 8-12 June, Abstracts p. 98.
35. Orfanidou, C.G., **Maliogka, V.I.** and Katis, N.I. 2016. Transmission of *Tomato chlorosis virus* (ToCV) with *Bemisia tabaci* MED and evaluation of weed species as viral sources. 2nd International Whitefly Symposium, Arusha, Tanzania, p. 66.
36. Orfanidou, C.G., Katis, N.I. and **Maliogka, V.I.** 2016. Full genome sequencing and spread of *Cucurbit chlorotic yellows virus* in cucurbit crops in Greece. 2nd International Whitefly Symposium, Arusha, Tanzania, p. 113.
37. Lotos, L., Olmos, A., Orfanidou, C., Efthimiou, K. Avgelis, A.D., Katis, N.I. and **Maliogka, V.I.** 2016. New insights into the etiology of Pepper yellows disease. 13th International Plant Virus Epidemiology Symposium-Avignon, France, pp.10.
38. Dimitriadou, A., Amoutzias, G.D., **Maliogka, V.I.** and Katis, N.I. 2016. Further information on the genetic structure of *Plum pox virus* strain M. 13th International Plant Virus Epidemiology Symposium-Avignon, France, pp.97.
39. Karapetsi, L., Orfanidou, C., Olmos, A., Kyratsa, V., Lotos, L., Chatzivassiliou, E.K., **Maliogka, V.I.** and Katis, N.I. 2016. Artichoke yellow ringspot virus is associated with a lettuce disease in Southern Greece. 13th International Plant Virus Epidemiology Symposium-Avignon, France, pp.109.
40. Orfanidou, C., Baltzi, A., Dimou, N., Katis, N.I. and **Maliogka, V.I.** 2016. Epidemiology and genetic diversity of *Cucurbit chlorotic yellows virus* in Greece. 13th International Plant Virus Epidemiology Symposium-Avignon, France, pp.121.
41. Xaxiri, E., Desbiez, C., **Maliogka, V.I.**, Tachopoulos, K., Xanthis, C., Lecoq, H., Millot, P., Wipf-Scheibel, C. Katis, N.I. 2016. Phylogenetic analysis of *Watermelon mosaic virus* in Greece. 13th International Plant Virus Epidemiology Symposium-Avignon, France, pp.156.
42. Karapetsi, L., **Maliogka, V.I.**, Orfanidou, C., Olmos, A., Lotos, L., Chatzivassiliou, E.K., Katis, N.I., 2016. Unveiling the etiology of a new lettuce disease using next generation sequencing of siRNAs. Advances in Plant Virology, AAB meeting 7-9 September, Greenwich, UK.

43. **Maliogka, V.I., 2017.** Virus and other graft-transmissible diseases of fruit trees in Greece-An overview. 24th International Conference on Virus and Other Graft Transmissible Diseases of Fruit Trees, Thessaloniki, 5-9 June, Abstracts p. 17.
44. Efthimiou, K., Pappi, P.G., Olmos, A., Candresse, T., Xylogianni, E., Katis, N.I. and **Maliogka, V.I.** 2017. Identification and partial characterization of a new ilarvirus infecting *Prunus* sp. 24th International Conference on Virus and Other Graft Transmissible Diseases of Fruit Trees, Thessaloniki, 5-9 June, Abstracts p. 29.
45. Sasselou, C.L., Lotos, L., Valachas, C., Olmos, A., Chetas, E.K., Chatzivassiliou, E.K., Katis, N.I. and **Maliogka, V.I.** 2017. Detection and characterization of fig viruses in Greece. 24th International Conference on Virus and Other Graft Transmissible Diseases of Fruit Trees, Thessaloniki, 5-9 June, Abstracts p. 44.
46. Katsiani, A., Katsarou, K., Kalantidis, K., Katis, N.I. and **Maliogka, V.I.** 2017. Identification of an RNA silencing suppressor encoded by the genome of *Little cherry virus 1*. 24th International Conference on Virus and Other Graft Transmissible Diseases of Fruit Trees, Thessaloniki, 5-9 June, Abstracts p. 113.
47. Katsiani, A., Pappi, P.G., Olmos, A., Efthimiou, K., **Maliogka, V.I.** and Katis, N.I. 2017. Seasonal fluctuation of *Little cherry virus 1* titer in sweet cherry cultivars. 24th International Conference on Virus and Other Graft Transmissible Diseases of Fruit Trees, Thessaloniki, 5-9 June, Abstracts p. 114.
48. Katsiani, A., Olmos, A., Candresse, T., Ruiz-Garcia, A.B., Katis, N.I. and **Maliogka, V.I.** 2017. Full genome sequencing of a divergent isolate of LChV-1 and monitoring of the virus derived siRNAs in sweet cherry over four seasons. 24th International Conference on Virus and Other Graft Transmissible Diseases of Fruit Trees, Thessaloniki, 5-9 June, Abstracts p. 115.
49. Lotos, L., Candresse, T., Olmos, A., Katis, N.I. and **Maliogka, V.I.** 2017. Identification of a *Prunus* virus F-like virus in sweet cherry. 24th International Conference on Virus and Other Graft Transmissible Diseases of Fruit Trees, Thessaloniki, 5-9 June, Abstracts p. 116.
50. **Maliogka, V.I.,** Katis, N.I., Altenbach, D., Caglayan, K., Chodroudīs, K., Codoner, F., da Cunha, A.T., Di Serio, F., Dichio, B., Formica, L., Ilbagi, H., Kalantidis, K., Olmos, A., Pietersen, G., Ritzenthaler, C. and Taniriver, E. 2017. H2020-MCSA-RISE-2016-Virus Free fruit nurseries (VirFree). 24th International Conference on Virus and Other Graft Transmissible Diseases of Fruit Trees, Thessaloniki, 5-9 June, Abstracts p. 123.
51. Koloniuk, I., Lotos, L., Přebyllová, J., Petrzik, K., Lenz, O., Fránová, J., Špak, J., Beta, C., Li, S., Olmos, A., Candresse, T., Katis N.I. and **V.I. Maliogka,** 2018. Cherry virus F: a new fabavirus identified in cherry using high-throughput sequencing. HTS Technologies for the study and diagnostic of plant viruses. Final Meeting of COST-DIVAS Action, Liège (Belgium) 26- 30 November, Abstracts p. 76.
52. Lotos, L., Olmos, A., Ruiz-Garcia, A.B., Katis, N.I., **Maliogka, V.I.,** 2018. Insights into the virome of grapevine in Greece. HTS Technologies for the study and diagnostic of plant viruses. Final Meeting of COST-DIVAS Action, Liège (Belgium) 26- 30 November, Abstracts p. 22.
53. Chiumenti, M., Sasselou, C-L., **Maliogka, V.,** Amoutzias, G. D., Minafra A., 2018. Development of bioinformatics protocols for HTS data analysis and synthesis of a

Grapevine Roditis Leaf Discoloration-associate virus infectious clone. HTS Technologies for the study and diagnostic of plant viruses. Final Meeting of COST-DIVAS Action, Liège (Belgium) 26- 30 November, Abstracts p. 33.

54. **Maliogka, V.I.**, Lotos, L., Katis, N.I., 2019. Elucidating the virome diversity of grapevine using high-throughput sequencing approaches. Plant Health 2019 (APS Annual meeting August 3-7 Cleveland Ohio U.S.A.)
55. Katsiani, A.T., Katis, N.I., **Maliogka, V.I.**, Li, S., 2019. High-throughput sequencing identifies a new robigovirus in sweet cherry. Plant Health 2019 (APS Annual meeting August 3-7 Cleveland Ohio U.S.A.)
56. Pappi, P., Efthimiou, K., Lotos, L., Katis, N.I., **Maliogka, V.I.**, 2019. Detection of grapevine hammerhead-like viroid RNA (GHVd) in grapevine in Greece. International Advances in Plant Virology 2019, 29-31 October Rome, Italy, Book of abstracts p. 67.
57. Katsarou, K., Sasselou, C-L., Orfanidou, C., Kalantidis, K., **Maliogka, V.I.**, Doupis, G., Olmos, A., Pappi, P., 2019. Detection of grapevine yellow speckle viroid-2 in Greece. International Advances in Plant Virology 2019, 29-31 October Rome, Italy, Book of abstracts p. 78.
58. **Maliogka, V.I.**, 2021. Understanding the factors affecting changes in virus prevalence in *Prunus* and *Malus* spp. (Factors affecting) changes in virus prevalence over time in different crop types (APS full day forum online 12/10/2021)
59. Orfanidou, C.G., Beta, C., Reynard, J-S., Katis, N.I., **Maliogka, V.I.**, 2022. Cucurbit cytorhabdovirus 1: a novel whitefly transmitted cytorhabdovirus infecting zucchini crops in Greece. 15th International Symposium of Plant Virus Epidemiology, 5-8 June, Madrid, Spain, Book of abstracts p. 33.
60. Orfanidou, C.G., Katsiani, A., Katis, N.I., **Maliogka, V.I.**, 2022. High throughput sequencing identifies a divergent strain of cherry latent virus 1 in sweet cherry in Greece. 15th International Symposium of Plant Virus Epidemiology, 5-8 June, Madrid, Spain, Book of abstracts p. 71.
61. Katsiani, A., Sasselou, C.L., Orfanidou, C.G., Beta, C., Katis, N.I., Drogoudi, P., **Maliogka, V.I.**, 2022. Unveiling the virome of stone fruit trees in Greece using high throughput sequencing approaches. 15th International Symposium of Plant Virus Epidemiology, 5-8 June, Madrid, Spain, Book of abstracts p. 74.
62. Sasselou, C.L., Lotos, L., Palla, E., Panailidou, P., Katis, N.I., **Maliogka, V.I.**, 2022. Spread and genetic diversity of two badnaviruses infecting grapevine in Greece. 15th International Symposium of Plant Virus Epidemiology, 5-8 June, Madrid, Spain, Book of abstracts p. 41.
63. Gavrili, V., Lotos, L., Katis, N.I., **Maliogka, V.I.**, 2022. The application of high-throughput sequencing reveals new viral pathogens implicated in the etiology of pepper yellows disease in Greece. 15th International Symposium of Plant Virus Epidemiology, 5-8 June, Madrid, Spain, Book of abstracts p. 42.
64. Lotos, L., Katsiani, A., Katis, N.I., **Maliogka, V.I.**, 2022. Evaluation of the RNA silencing suppression ability of three cherry virus F encoded proteins. 15th International Symposium of Plant Virus Epidemiology, 5-8 June, Madrid, Spain, Book of abstracts p. 53.

65. Sasselou, C-L., Katis, N.I., **Maliogka, V.I.**, 2022. First report of apple dimple fruit viroid in fig (*Ficus carica* L.) in Greece. Viroid 2022: Viroids, Viroid-like RNAs and RNA viruses. 14-16 September Heraklion, Greece, Book of abstracts p. 48.
66. Orfanidou, C.G., Katsiani, A., Sasselou, C.L., Beta, C., Panailidou, P., Drogoudi, P., Katis, N.I., **Maliogka, V.I.**, 2023. Elucidating the virome of the main *Prunus* species genotypes cultivated in Greece. 25th International conference of virus and other graft transmissible diseases of fruit crops, 9-13 July, Wageningen, The Netherlands. Book of abstracts p. 69.
67. Orfanidou, C., Panailidou, P., Konsta, M., Chatzaki, V., Kapranas, A., **Maliogka, V.I.**, 2025. Unveiling the viral landscape of companion plants via high throughput sequencing. International advances in Plant Virology, 8-11 April Murcia, Spain, Abstract book p.111
68. Panailidou, P., Lotos, L., **Maliogka, V.I.**, 2025. Characterization of the virome of important indigenous grapevine varieties cultivated in Greece. International advances in Plant Virology, 8-11 April Murcia, Spain, Abstract book p.117
69. Panailidou, P., Lotos, L., Sasselou, C-L., Chatziioannidou, P., **Maliogka, V.I.**, 2025. Transmission of grapevine leafroll-associated viruses by *Planococcus ficus* in Greek vineyards. International advances in Plant Virology, 8-11 April Murcia, Spain, Abstract book p.143
70. Gavrili, V., Lotos, L., **Maliogka, V.I.**, 2025. Interactions between pepper vein yellows virus 6 and pepper mild mottle virus in mixed infections in pepper plants. International advances in Plant Virology, 8-11 April Murcia, Spain, Abstract book p.156
71. Kotsaridis, K., Dimopoulou, A., Orfanidou, C., Theologidis, I., Poulaki, E., Tzamos, S., **Maliogka, V.I.**, Vassilakos, N., Beris, D., 2025. Application of plant growth promoting rhizobacteria (PGPRs) to combat economically important viruses of tomato plants. International advances in Plant Virology, 8-11 April Murcia, Spain, Abstract book p.159
72. Gavrili, V., Lotos, L., **Maliogka, V.I.**, 2025. Construction of an infectious clone of pepper vein yellows virus 6 and evaluation of its infectivity. International advances in Plant Virology, 8-11 April Murcia, Spain, Abstract book p.205
73. Orfanidou C., Panailidou P., Gavrili V., Konsta M., Katis N.I., **Maliogka, V.I.**, 2025. Application of high-throughput sequencing for monitoring insect-transmitted viruses in zucchini crops and the role of weeds as reservoirs. 16th International Symposium of Plant Virus Epidemiology, June 30th to July 3rd, São Paulo, SP, Brazil. Book of Abstracts p. 43.
74. Gavrili V., Lotos L., Konsta M., Katis N.I., **Maliogka V.I.**, 2025. Study of the genetic composition and epidemiology of poleroviruses related to pepper yellows disease in Greece. 16th International Symposium of Plant Virus Epidemiology, June 30th to July 3rd, São Paulo, SP, Brazil. Book of Abstracts p. 60.
75. Panailidou P., Lotos L., Sasselou C-L, Georgousi M., Katis N. I., **Maliogka V. I.**, 2025. Spatiotemporal spread of grapevine leafroll-associated ampeloviruses in commercial vineyards of Northern Greece. 16th International Symposium of Plant

- Virus Epidemiology, June 30th to July 3rd, São Paulo, SP, Brazil. Book of Abstracts p. 84.
76. Panailidou P., Lotos L., Katis N. I., **Maliogka V. I.**, 2025. Monitoring the sanitary status of important indigenous grapevine varieties cultivated in Greece. 16th International Symposium of Plant Virus Epidemiology, June 30th to July 3rd, São Paulo, SP, Brazil. Book of Abstracts p. 85.
 77. Vasileiou N., Gavrilis V., Lotos L., Tziros G., Karaoglanidis G., Katis N., **Maliogka V.**, 2025. Study of two olpidium-transmitted ophioviruses infecting pepper crops in Greece. 16th International Symposium of Plant Virus Epidemiology, June 30th to July 3rd, São Paulo, SP, Brazil. Book of Abstracts p. 93.
 78. Panailidou, P., Lotos, L., **Maliogka, V.I.**, 2025. High throughput sequencing unveils the complex virome of Greek vineyards. 16th International Symposium of Plant Virus Epidemiology, June 30th to July 3rd, São Paulo, SP, Brazil. Book of Abstracts p. 117.
 79. Orfanidou C., Panailidou P., Konsta M., Chatzaki V., Kapranas A., **Maliogka, V.I.**, 2025. High-throughput sequencing discloses the virome of companion plants in open-field tomato crops. 16th International Symposium of Plant Virus Epidemiology, June 30th to July 3rd, São Paulo, SP, Brazil. Book of Abstracts p. 122.
 80. Gavrilis, V., Lotos, L., Katis, N.I., **Maliogka, V.I.**, 2025. Evaluation of pepper hybrids' susceptibility and plant defense-inducing agents for the control of pepper vein yellows virus-6. 16th International Symposium of Plant Virus Epidemiology, June 30th to July 3rd, São Paulo, SP, Brazil. Book of Abstracts p. 144.
 81. Kotsaridis K., Orfanidou C.G., Dimopoulou A., Theologidis I., Poulaki E.G., Tjamos S.E., **Maliogka V.I.**, Vassilakos N., Beris D., 2025. 16th International Symposium of Plant Virus Epidemiology June 30th to July 3rd | São Paulo, SP, Brazil, p.146.

Extended Abstracts at International Congresses

- Palla, E., Lotos, L., Panailidou, P., **Maliogka, V.I.**, 2023. Genetic variability and improved detection of grapevine fanleaf virus in Greek vineyards. Proceedings of the 20th Congress of ICVG, Thessaloniki, Greece, September 25-29, pp. 210-211.
- Salsalou, C-L., Palla, E., Lotos, L., Panailidou, P., Katis, N.I., **Maliogka, V.I.**, 2023. Badnaviruses infecting grapevine in Greece: A study of their epidemiological and molecular characteristics. Proceedings of the 20th Congress of ICVG, Thessaloniki, Greece, September 25-29, pp. 47-48.
- Panailidou, P., Lotos, L., Salsalou, C-L., Katis, N.I., **Maliogka, V.I.**, 2023. Study of the biology of grapevine leafroll disease in Greek vineyards and molecular characterization of the associated viruses. Proceedings of the 20th Congress of ICVG, Thessaloniki, Greece, September 25-29, pp. 110-111.
- Moran, F., Olmos, A., Glasa, M., Bueno Da Silva, M., **Maliogka, V.**, Wetzel, T., Ruiz-Garcia, A.B., 2023. Duplex quantitative real-time RT-PCR for detection of grapevine leafroll-associated virus 1. Proceedings of the 20th Congress of ICVG, Thessaloniki, Greece, September 25-29, pp. 146-147.

- Georgousi, M., Lotos, L., Panailidou, P., **Maliogka, V.I.**, 2023. Development and validation of three novel real-time RT-PCR assays for the reliable detection of grapevine virus A, grapevine virus B and grapevine virus F. Proceedings of the 20th Congress of ICVG, Thessaloniki, Greece, September 25-29, pp. 148-149.
- Panailidou, P., Lotos, L., Georgousi, M., Karagkounakis, G., Liakou, M., Tsagaki, E., Chrysakopoulou, I., Galeou, A., Beris, D., Pappi, P., Vassilakos, N., Varveri, C., Sassalou, C-L., Gagiano, E., Pietersen, G., Katis, N.I., **Maliogka, V.I.**, 2023. Identification, prevalence and molecular characterization of novel vitiviruses in Greek vineyards. Proceedings of the 20th Congress of ICVG, Thessaloniki, Greece, September 25-29, pp. 206-207.
- Sassalou, Lyto-Chrysoula, Orfanidou Chrysoula, Moraki Kaliopi, Katsiani Asimina, Nanou Areti, Syggoula Vasiliki, Lotos Leonidas, Katis Nikolaos, **Maliogka, Varvara**, 2018. Detection and molecular characterization of newly emerging viruses in Greek vineyards. Proceedings of the 19th Congress of ICVG, Santiago, Chile, April 9-12, pp. 66-67.
- Moraki, K.N., Avgelis, A.D., Biniari, A., Chatzivassiliou, E.K., Katis, N.I. and **Maliogka, V.I.** 2015. Improved RT-PCR detection and prevalence of GVA, GVB and GRSPaV in vineyards. Proceedings of the 18th Congress of ICVG, Ankara, Turkey, 7-11 September 2015, pp. 190-191.
- Avgelis A., Orfanidou C., Grammatikaki G., Moraki K., **Maliogka V.I.**, and Katis N.I., 2012. Virological Problems of native Cycladian Grapevine Varieties. Extended abstracts, 17th Conference of ICVG, Davis, California, USA, October 7-14, 174-175.
- **Maliogka V.I.**, Charou A., Efthimiou K., Katsiani A., Chatzivassiliou E. K., Katis N.I., 2009. Identification of ilarviruses in almond and cherry fruit trees using nested PCR assays. Proceedings of the 21st International Conference on Virus and other Graft Transmissible Diseases of Fruit Crops (ICVF), Neustadt, Germany 5-10 July, Julius-Kühn-Archiv 427, 281-283.
- Skiada F., **Maliogka V.I.**, Eleftheriou E.P., Katis N.I., 2009. Advances on the eradication of *Grapevine rupestris stem pitting associated virus* (GRSPaV) from *Vitis vinifera* explants. Extended abstracts, 16th Conference of ICVG, France, Dijon, 31 August-4 September, pp 262-263.
- Dovas C.I., **Maliogka V.I.**, Katis N.I., 2006. Generic and specific detection of Grapevine leafroll associated viruses using ramped annealing nested PCR. Extended abstracts, 15th Conference of the International council for the study of viruses and virus-like diseases of grapevine (ICVG), Stellenbosch, South Africa, 3-7 April, pp 115-116.
- **Maliogka V.I.**, Dovas C.I., Katis N.I., 2006. Molecular detection of viruses belonging to the genera *Closterovirus* and *Foveavirus* in sweet cherry in Greece. 12th congress of the Mediterranean Phytopathological Union (MPU), Rhodes Island 11-15 June, pp 209-211.

Invited speaker

I was invited speaker at national and International congresses (e.g., XX International Plant Protection Congress, 2024; Plant Health 2019 -APS Annual meeting; International Conference on Virus and other Graft Transmissible Diseases of Fruit Crops (ICVF), 2017; National Conference of the Hellenic Society of Virology, 2017) Cost Actions (e.g. 1st conference of the COST Action FA1407 – D.I.V.A.S November 2015) and workshops (e.g., Plant RNA Pathogens Workshop, IMBB-FORTH, 2015).

TEACHING ACTIVITIES (BACHELOR AND MASTER DEGREE)

Undergraduate

Academic year **2011-2012 - 2013-2014**: co-teaching of the course Plant virus diseases I (8th semester specialty-orientation Plant protection)- School of Agriculture, Aristotle University of Thessaloniki

Academic years **2012-2013** and **2013-2014**: teaching of the courses Principles of Plant Virology (Practicals) and Principles of Plant Virology (specialty-orientation Plant protection)- School of Agriculture, Aristotle University of Thessaloniki

Academic years **2015-2016 – 2021-2022**: co teaching of the following courses - School of Agriculture, Aristotle University of Thessaloniki

- Plant Pathology (N027Y) (5th semester, mandatory, basic course, co-teaching)
- Diseases of Crop Plants (N506Y) (8th semester, mandatory, specialty-orientation Plant production-co-teaching)
- Plant Virology (N525E) (elective, specialty-orientation Plant production)
- Principles and methods of plant disease diagnosis (N556E) (elective, specialty-orientation Plant production)
- Plant Disease Management (N558E) (elective, specialty-orientation Plant production)

Academic year **2022-today**: teaching of the following courses of the new academic program of undergraduate studies (since 2019)-School of Agriculture, Aristotle University of Thessaloniki

- Plant Pathology (N027Y) (5th semester, mandatory, basic course, co-teaching)
- Plant Virology (N582E) (elective, specialty-orientation Plant production)
- Diseases of vegetable and field crops (N551Y) (7th semester, mandatory, specialty-orientation Plant production-co-teaching)

- Diseases of trees and grapevine (N568Y) (8th semester, mandatory, specialty-orientation Plant production-co-teaching)

Postgraduate

Aristotle University of Thessaloniki

- Academic years 2012-2013 till 2019: teaching of the course «Advanced courses of Plant Virology» (2nd semester, MSc program on Crop Protection Sciences, School of Agriculture)
- Academic years 2013-2014 till 2019: teaching part of the course «Grapevine Pathology» (3rd semester, MSc program on Viticulture and Enology, School of Agriculture).
- Academic year 2021-2022 till today: teaching of the course «Molecular Plant Virology» (2nd semester, MSc program Modern Plant Protection and Biotechnological applications, School of Agriculture).

Mediterranean Agronomic Institute of Chania (CIHEAM-MAICh)

Academic years 2012-2013 and 2013-2014: teaching of the course "Detection and Epidemiology of Plant Virus Diseases" (MSc programme 'Sustainable Agriculture', MAICh-Teaching language English)

International Hellenic University (IHU)

Academic year 2017-2018: co-teaching of the course "Integrated Disease Management" (MSc programme 'Sustainable Agriculture and Business', IHU-teaching language English)

NATIONAL AND INTERNATIONAL FUNDED GRANTS (PEER-REVIEWED)

Coordinator

- **Horizon2020 n.734736, MSCA-RISE-VirFree (Virus Free Fruit Nurseries).** Research project funded by the EU. Duration 1/1/2017-31/10/2022.

Scientific supervisor

- **Development and implementation of modern flight forecasting systems and resistance monitoring of TSWV insect vectors in tobacco cultivation, to support integrated pest management programs.** Research project funded by the general secretariat of public investments and ESPA (Rural development program, Measure 16). Duration 3/2023-5/2025.

- **Identification, evaluation and promotion of native wine grape varieties and the particular characteristics of their products.** Research project funded by Greece 2.0 National Recovery and Resilience plan within the frame of the action Research-Create-Innovate. Duration 1/9/2020-28/2/2025.
- **Study of the etiology, epidemiology and ecology of pepper yellows disease.** Research project funded within the frame of the 1st call of HFRI research projects for the Support for Faculty Members and Researchers and Procurement of High-Value Research Equipment. Duration 14/1/2020-13/1/2024.
- **Identification of proteins implicated in the RNA silencing suppression and investigation of their mode of action for two new viruses of cherry.** Funded by the agency responsible for managing research projects for Education and lifelong learning. Duration 30/12/2019-19/8/2022.
- **European action COST FA1407. Application of next generation sequencing for the study and diagnosis of plant viral diseases in agriculture (DIVAS).** Funded by the EU. Duration 1/1/2015-31/12/2018.
- **Development of deciduous fruit tree cultivation, through the maintenance and organization of a germplasm bank, the establishment of mother plantations for virus-free propagating material production and the evaluation, exploitation and improvement of indigenous varieties.** Research project funded by GSRT. Duration 9/7/2018-8/12/2022.
- **Development of an innovative biotechnological method for the protection of plants against tomato infectious chlorosis virus (TICV).** Research project funded by the Research committee of AUTH. Duration 5/4/13-31/8/14.
- **Development of a vaccine based on the virus induced gene silencing (VIGS) technology for the protection of plants against plum pox virus (PPV).** Research project funded by the private company K&N Efthymiadis. Duration 28/6/2016-27/6/2017.

Member of the Research team (since 2012, after the appointment as lecturer at AUTH, responsible for research activities on plant viruses at the Plant Pathology Laboratory)

- **Production of open field and under cover vegetables with low-input of plant protection chemicals: use of biotechnology for the integrated study of the plant resistance to whitefly transmitted criniviruses, the development of resistance of the whiteflies on the pesticides and the virus-vector interaction.** Research project funded by GSRT. Duration 07/01/2011- 06/07/2014.

- **Improvement and production of healthy plant propagating material of fruit trees with modern biological and biotechnological approaches.** Research project funded by GSRT. Duration 24/01/2012-23/01/2015.
- **Production of healthy propagating material of pome fruit and stone fruit trees using modern biological and biotechnological approaches.** Research project funded by GSRT. Duration 2/05/2012-2/05/2015.
- **Improvement of the production of propagating material of vegetable crops and plant protection management in greenhouses using modern biological and biotechnological approaches.** Research project funded by GSRT. Duration 25/7/2018- 24/7/2022.
- **Network for collaboration, exploitation and clonal selection of Greek grapevine varieties and promotion of the genetic material.** Research project funded by GSRT. Duration 2018- 2023.
- **Evaluation-Improvement-Promotion-Exploitation of important Greek fruit tree varieties.** Research project funded by GSRT. Duration 2018- 2022.
- **Identification and characterization of viruses and their populations in olive groves in our country.** Emblematic research action “Olive Roads” funded by the ministry of Education Religious Affairs and Sports. Duration 30/10/2018-21/10/2021.
- **Identification, and characterization of viruses and their populations in important Greek vineyards with the goal of their final upgrade.** Emblematic research action “The vineyard roads” funded by the ministry of Education Religious Affairs and Sports. Duration 2/4/2019-31/3/2022.
- **Innovative solutions for sustainable and environmentally friendly plant protection of fruit and vegetables in Greece, in future Europe.** Emblematic actions in interdisciplinary scientific areas with a special interest for the connection with the production net funded by Greece 2.0 national recovery and resilience plan. Duration 5/2023-9/2025.
- **Sustainable management of viral diseases in dry bean germplasm and development of adjusted varieties.** Research project funded by the general secretariat of public investments and ESPA (Rural development program, Measure 16). Duration 5/12/2022-4/12/2025.

Member of the Research team (before 2012, Research assistant)

- A. Aristotle University of Thessaloniki (AUTH), School of Agriculture, Plant Pathology Laboratory: January 2003-10/6/2009:** I participated in several research projects funded by GSRT or the EU.

-Biological suppression of highly pathogenic plant viruses, Craft ‘Potyprotect’ QLK5-CT-2002-70996, funded by the EU. Duration 22/01/2003-31/12/2004.

-Ampelographic and genetic study of indigenous grapevine varieties from western Greece- Virus testing and identification through biotechnological methods- wine-related evaluation- production of healthy and genetically identified propagating material, funded by GSRT. Duration 15-09-2004 - 15-10-2004, 01-01-2005 - 30-06-2005, 20-08-2005 - 20-11-2005 (9 months).

-Characterization of grapevine viruses associated with grapevine leafroll disease, cytological study and virus elimination with biotechnological methods, funded by GSRT, PENED 2003 (Measure 8.3, Action 8.3.1) Duration 01-09-2004 - 31-08-2007 (36 months).

-New viral and biotechnological approaches for the improvement of Greek and Bulgarian grapevine germplasm, funded by GSRT, within the framework of the Greece-Bulgaria Scientific and Technological collaboration. Duration 25-05-2007 - 24-07-2007 and 01-09-2007 - 30-11-2007 (5 months).

-Genetic variability and epidemiology of apple chlorotic leafspot virus (ACLSV) in agricultural and natural ecosystems, funded by GSRT within the framework of the Greece-France Scientific and Technological collaboration. Duration 04-03-2008 - 31-05-2008 (3 months).

-Identification/characterization and control of tomato virus diseases in Greece and Cyprus, funded by GSRT within the framework of the Greece-Cyprus Scientific and Technological collaboration. Duration 25-05-2007 - 24-07-2007, 01-09-2007 - 29-02-2008, 04-03-2008 -31-05-2008 (11 months).

-Sustainable innovative technology for the improvement of the quality and security in the production of nursery material, funded by the EU, 23-10-2008 - 10-06-2009 (8 months).

B. Aristotle University of Thessaloniki (AUTH)-Veterinary School, Lab of microbiology and infectious diseases, June 2008-January 2009: Participation in the following research project funded by the EU.

-Effect of the viral proteins of avian influenza virus at the natural immunological response of the birds. Duration 5/6/2008 - 4/8/2008, 15/9/2008 - 15/1/2009 (6 months).

C. NATIONAL CENTRE OF BIOTECHNOLOGY (MADRID-SPAIN), DEPARTMENT OF PLANT MOLECULAR GENETICS June 2009-March 2011: Post-doctoral researcher at the following research project funded by the EU.

- Sharka containment, Duration 10/6/2009-28/2/2011.

D. Aristotle University of Thessaloniki (AUTH), School of Agriculture, Plant Pathology Laboratory June 2011-December 2011: Participation in the following research project funded by GSRT.

-Production of open field and under cover vegetables with low-input of plant protection chemicals: use of biotechnology for the integrated study of the plant resistance to whitefly transmitted criniviruses, the development of resistance of the whiteflies on the pesticides and the virus-vector interaction. Duration 06/05/2011 - 30/06/2011, 06/07/2011 - 31/12/2011 (8 months).