



Università degli Studi di Foggia



SI.PA.V.

13th CONGRESSO NAZIONALE DELLA SOCIETÀ ITALIANA DI PATOLOGIA VEGETALE



12-15 SETTEMBRE 2006
“Aula Magna”
dell’Università degli Studi di Foggia
via R. Caggese, FOGGIA

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Il 13th Congresso Nazionale della Società Italiana di Patologia Vegetale è stato realizzato anche con il contributo di:

Università degli Studi di Foggia

Facoltà di Agraria - Università degli Studi di Foggia

Dipartimento di Scienze Agro-ambientali, Chimica e Difesa Vegetale - Università degli Studi di Foggia

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Intrachem Bio Italia

Quote d'iscrizione

	Cena Sociale <u>esclusa</u>	Cena sociale <u>inclusa</u>
<i>Dopo il 15 Maggio 2006</i>		
- soci o non soci SIPaV	€ 150	€ 200
- borsisti, dottorandi, studenti	€ 50	€ 100

La quota d'iscrizione potrà essere versata al Banco del Congresso ed include il fascicolo con i riassunti delle comunicazioni e dei poster, n. 5 coffee break, n. 2 colazioni di lavoro e gli spostamenti da e per gli Hotel cittadini.

Informazioni generali

Il Convegno avrà luogo nell'Aula Magna situata in via R. Caggese (maneggio ex IRIIP).

Un servizio di autobus navetta garantirà l'accompagnamento dagli alberghi alla sede del Convegno e viceversa, negli orari utili per seguire lo svolgimento dei lavori congressuali.

E-mail: sipav2006@unifg.it

Sito WEB: <http://www.sipav2006unifg.altervista.org>

Come raggiungere Foggia

In autostrada

Da Milano, Bologna, Roma, Bari autostrada A14 casello di Foggia. Da Napoli Autostrada A16 uscita Candela, proseguire per Foggia.

In treno

Da ogni direzione alla stazione di Foggia.

In aereo

Da ogni direzione all'aeroporto Carol Wojtyla (Bari Palese), proseguire in treno per Foggia.

	Singola	Doppia	Prenotare entro	Colazione
Hotel Cicoella**** Viale XXIV Maggio Tel. +39 0881 566111	€ 125,00	€ 180,00	31/07/2006	Inclusa
Hotel White House **** Via M.te Sabotino, 24 Tel. +39 0881 721644	€ 80,00	€ 110,00	31/07/2006	Inclusa
Hotel Parco dei Principi **** Km 683,04 - ss 16 Tel. +39 0881 618002	€ 80,00	€ 110,00	30/06/2006 (sconto del 10%)	Inclusa
Hotel Europa *** Via Monfalcone, 52 Tel. +39 0881 721057	€ 100,00	€ 140,00 €110,00*	31/08/2006	Inclusa
Hotel Atleti *** Via Bari, Km 2.300 Tel. +39 0881 630100	€ 50,00	€ 36,00	21/07/2006	Inclusa
Hotel Holiday *** Via Napoli, Km 2.800 Tel. +39 0881 750853	€ 45,00	€ 70,00 € 60,00*	01/08/2006	Inclusa
Hotel Venezia *** Via Piave, 40 Tel. +39 0881 770903	€ 45,00 € 55,00*	€ 65,00	02/09/2006	Inclusa
Hotel La Villa dei Gourmets Trav. Viale di Virgilio Tel. +39 0881 634072-0881 632815	€ 62,00*	€ 82,50	13/07/2006	Inclusa

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Programma

Martedì 12 settembre

18,00-20,00 Apertura della Segreteria presso l'Aula Magna situata in Via R. Caggese ed Affissione Poster

Mercoledì 13 settembre

8,00-9,30 Apertura della Segreteria

9,30-10,30 Apertura dei lavori

Presiede: Felice **SCALA**, Presidente della S.I.Pa.V.

Saluto delle Autorità accademiche e politiche

Antonio **MUSCIO**, Rettore Magnifico dell'Università degli Studi di Foggia

Emanuele **TARANTINO**, Preside della Facoltà di Agraria,

Orazio **CILIBERTI**, Sindaco di Foggia

Enzo **RUSSO**, Assessore Regionale Risorse Agroalimentari

Carmine **STALLONE**, Presidente della Provincia di Foggia

10,30-11,00 Pausa Caffè

11,00-11,30 Proclamazione del vincitore del premio Scaramuzzi

11,30-12,15 Relazione introduttiva: **MARTELLI G.P.** *Current status of plant virus taxonomy.*

SESSIONE: "INTERAZIONE OSPITE-PATOGENO I"

12,15-13,05 Comunicazioni

Presiede: Matteo **CIRULLI**

Obreque J., A. Minafra, M. Dell'Orco, P. Saldarelli, M. Jashes and G.P. Martelli. Structure and accumulation of a defective RNA of *Grapevine Virus A* synthesized *de novo* during virus replication in infected *Nicotiana benthamiana*.

Rubino L., B. Navarro and M. Russo. Alternative replication sites in Tombusvirus infections.

Vitti A., M. Lapelosa, M. Nuzzaci and P. Piazzolla. Plant-derived vaccines.

Faoro F., F. Derghi, G. Gerosa, S. Cieslik, M. Saracchi, R. Marzuoli, A. Zorloni and M. Iriti. Stomatal uptake, gateway to ozone injury.

Picchi V., A. Francini, C. Nali and G. Lorenzini. Photosynthetic responses of two wheat (*Triticum durum*) varieties exposed to chronic ozone fumigation.

13,05-13,30 Discussione POSTER

Presiedono: Francesco **FAVARON** e Piero A. **BIANCO**

- 1) **Delvecchio L. N. and C. Ciccarone.** Morpho-physiological adaptations stimulated by toxic metals in cultivated microfungi.
- 2) **Petruzzi L., S. Bertulino and C. Ciccarone.** Notes on mycotic infections which produce changes in the internal of barrels and cork of caps.
- 3) **Iriti M., S. Guarnieri and F. Faoro.** *In vivo* and *in vitro* effects of uv-c acute exposure in *Lycopersicon pimpinellifolium*: histo-cytochemical and comet assays
- 4) **De Gioia T., G. Figliuolo, G. L. Rana, D. Sisto and M. Milordo.** Studies on ethiology of *verrucae* of the cultivated mushroom *Pleurotus eryngii* (D.C.: FR.) Qué.
- 5) **Vannini A., A.M. Vettrano, S. Franceschini, F. De Cesare and A. Vannini.** Characterization of the green compost's fungal community.
- 6) **Barba M.** National collection of microorganisms of agricultural and agro-industrial interest.
- 7) **Pellegrini E., C. Nali, A. Francini, B. Conti and G. Lorenzini.** Influence of ozone on the plant-insect interactions: the case of *Melasma populi* L. (Coleoptera Chrysomelidae) and poplar.
- 8) **Picchi V., M. Meroni, C. Nali, S. Cogliati, M. Rossini, C. Panigada, G. Lorenzini and R. Colombo.** Remote sensing detection of early ozone damage.

13,30-15,00 Pausa Pranzo

Raiola A., L. Sella, C. Castiglioni, V. Balmas, A. Tomassini and F. Favaron. *Fusarium verticillioides* and related species of the *Gibberella fujikuroi* complex secrete an endopolygalacturonase not inhibited by monocot PGIPs.

Polesani M., F. Desario, J. Knörzer and N. Regier. Identification of differentially expressed genes in grape following infection with *Plasmopara viticola*.

Cillo F., T. Mascia, V. Fanelli, A. De Stradis, M.M. Finetti-Sialer, and D. Gallitelli. Characterization of synergy between *Cucumber Mosaic Virus* and *Potato Virus Y* in tomato.

Di Nicola-Negri E. and V. Ilardi. Silencing of PPV 5' UTR/P1 sequences confers resistance to a wide range of PPV isolates.

Silvestri S., A.M. Murphy, J.P. Carr and R. Buonauro. Effects of allopurinol on green fluorescent protein expressing *Tobacco Mosaic Virus* in *Nicotiana tabacum*.

Licciardello G., I. Bertani, L. Steindler, P. Bella, V. Venturi and V. Catara. Identification of the quorum-sensing system in *Pseudomonas corrugata*.

Spina S., R. Muleo, C. Iacona, A. Catara and G. Cirvilleri. Testing genetically engineered phytochrome A cherry plants for rhizosphere and phyllosphere beneficial bacteria and for susceptibility to bacterial canker.

Cerboneschi M., E. Santilli, B. Babbini and S. Tegli. Identification in *Pseudomonas savastanoi* of a new secretion system for the transfer of effector protein substrates into host cells.

9. **Favaron F., L. Sella, S. Odorizzi, M. Marangon and M. Lucchetta.** Some possible mechanisms deployed by fungal pathogens to prevent the effects of plant PR-proteins.
10. **Linaldeddu B.T., A. Franceschini and F. Marras.** Morphological and pathogenic characterization of *Botryosphaeria* isolates associated with declining cork-oak trees in Sardinia (Italy).
11. **Nigro F., I. Pentimone, M. Mammella, A. Ligorio, A. Ippolito and M.G. Salerno.** Increased transcript level of PAL and CHS genes in olive plantlets by *Verticillium dahliae* infection and acibenzolar-S-methyl application.
12. **Caffi T., V. Rossi, S. Giosuè and S. Poni.** Effect of downy mildew infection on grape leaf photosynthesis.
13. **Comparini C., L. Carresi, F. Sebastiani, I. Petroncini, N. Luchi, P. Capretti, L. Pazzagli, G. Cappugi and A. Scala.** Presence of ceratoplatenin-homologous proteins in fungal strains other than *Ceratocystis fimbriata* f.sp. *platani*: sequencing of the *cp*-hortologous genes and study of deduced proteins.
14. **Turrà D., D. Bellin, C. Gebhardt and M. Lorito.** Molecular cloning and expression profiles of potato proteinase inhibitors in different plant tissues and in response to pathogen attack.
15. **Soriente I., S. Ferraioli, S.L. Woo, R. Ciliento, R. Marra, F. Vinale, P. Ambrosino, M. Ruocco, D. Turrà, S. Lanzuise, F. Scala and M. Lorito.** Integrated use of *Trichoderma harzianum* strains T22 OR T39 and cell wall degrading enzymes to control plant diseases.
16. **Marra R., P. Ambrosino, V. Carbone, F. Vinale, S.L. Woo, M. Ruocco, R. Ciliento, S. Lanzuise, S. Ferraioli, I. Soriente, D. Turrà, V. Fogliano, F. Scala and M. Lorito.** Proteomic analysis of the complex three-way interaction occurring between plant, fungal pathogens and *Trichoderma atroviride* strain P1.
17. **Ambrosino P., E. Morán, M. Ruocco, R. Hermosa, E. Monte and M. Lorito.** Isolation and sequencing of an endopolygalacturonase gene from two biocontrol strains of *Trichoderma harzianum*.
18. **Ruocco M., P. Ambrosino, G. Del Sorbo, M. Lorito and F. Scala.** Cloning and functional screening of four *Solanum tuberosum* abc transporter genes in response to infection by *Phytophthora infestans* and abiotic stresses.
19. **Zubini P. and E. Baraldi.** Susceptibility of peach fruits to *Monilinia laxa* and gene expression.
20. **Ciambella C., G. Chilosi and P. Magro.** Effect of plant resistance activators on hazelnut powdery mildew.
21. **Carresi L., C. Comparini, F. Fontana, R. Bernardi, L. Pazzagli, G. Cappugi, F. Scala and A. Scala.** *Ophiostoma quercus* produces a cerato-ulmin-homologous protein.
22. **Carlucci A., C. Lazzizzera, F. Lops, M.L. Raimondo, L. Colatruglio and S. Frisullo.** Pathogenicity assays of some fungal isolates with systemic *habitus* as putative starter of young Esca disease of olive.
23. **Iannotta N., M.E. Noce, S. Scalercio and V. Vizzarri.** Behaviour of olive cultivars to catch the knot disease caused by *Pseudomonas savastanoi* (Smith).
24. **Zaccardelli M., D. Perrone, A. Del Galdo and F. Campanile.** Susceptibility of cauliflower cultivars to *Xanthomonas campestris* pv. *campestris* in the field.

25. **Zaccardelli M., A. Del Galdo and F. Campanile.** Infections of *Xanthomonas campestris* pv. *campestris* on *Crambe abyssinica* in Italy.
26. **Antonelli M., E. Santangelo, G.P. Soressi and L. Varvaro.** Response of the lesion mimic V20368 Tomato mutant to fenthion and *Xanthomonas campestris* pv. *vesicatoria*.
27. **Margaria P. and M. Turina.** Molecular characterization of resistance-breaking strains of *Tomato Spotted Wilt Virus* (*Tospovirus, Bunyaviridae*) carrying a deletion in the NSs coding region.

17,00-17,30 Pausa Caffè

SESSIONE: "MICOTOSSINE"

17,30-18,30 Comunicazioni

Presiede: Corrado FANELLI

Reverberi M., S. Zjalic, A. Ricelli, F. Punelli, A.A. Fabbri and C. Fanelli. *YAP1*-like gene modulates aflatoxin biosynthesis in *Aspergillus parasiticus*.

Solfrizzo M., A. Ricelli, L. Caputo, I. Marcellino, A. Carlucci and S. Frisullo. Toxigenicity of *Penicillium expansum* isolated from apples and pears and biotransformation of patulin by yeasts.

Vinale F., K. Sivasithamparam, E.L. Ghisalberti, M. Barbetti, H. Li, R. Marra, F. Scala, S.L. Woo and M. Lorito. Role of fungal secondary metabolites in the interaction of *Trichoderma* spp. with plants and other microorganisms.

Torelli E., E. Gobbi, R. Gubiani, R. Locci and G. Firrao. Prediction of fumonisin contamination of maize at harvest.

Susca A., G. Mule, A. Ritieni, A. Moretti - Development of the *Fusarium* Head Blight Complex and accumulation of associated mycotoxins in field conditions in Italy in comparison with three European countries.

18,30-19,00 Discussione POSTER

Presiedono: Antonio LOGRIECO e Paola BATTILANI

28. **Cubaiu L., S. Giobbe, M.A. Demontis, B. Scherm, M. Budroni and Q. Migheli.** Effect of yeasts involved in wine fermentation on growth and ochratoxin A production by *Aspergillus carbonarius*.

29. **Oliveri C., Fardella M., Grimaldi V. and A. Catara.** Antagonistic activity of epiphytic grapevine yeasts on ochratoxigenic *Aspergillus carbonarius* isolates.

30. **Oliveri C., Fardella M., Grimaldi V. and Catara V.** Characterization of OTA-producing *Aspergillus* spp. strains isolated from Sicilian vineyards.

31. **Spadaro D., A. Ciavarella, A. Garibaldi and M.L. Gullino.** Occurrence of patulin, a mycotoxin produced by *Penicillium expansum* in apple juices marketed in Italy.

32. **Castoria R., L. Mannina, F. De Curtis, L. Maiuro, A. Sobolev, A. Ritieni, R. Ferracane and A. Spina.** Study on patulin metabolism by a postharvest biocontrol yeast.

33. **Haegi A., M. Valvassori, G. Di Giambattista and L. Riccioni.** Toxin production of fungi associated with Actinidia wood disease.

34. **Battilani P., C. Barbano and V. Rossi.** Geostatistics and mycotoxin producing fungi.

Giovedì 14 settembre

8,00-8,30 Apertura dei lavori

Presiede: Nicola Sante IACOBELLIS

8,30-9,15 Relazione introduttiva: **SCHAAD N.** *Taxonomy and phylogeny of phytopathogenic Bacteria*.

SESSIONE: "EPIDEMIOLOGIA"

9,15-11,00 Comunicazioni

Presiede: Vittorio ROSSI

Santini A., L. Ghelardini, F. Ferrini, A. Dahmani and M. Falusi. Is it possible to avoid Dutch Elm disease?

Vannini A., S. Noce, G. Natili and C. Belli, A.M. Vettraino. Phytosanitary monitoring of forests: new methodologies of remote sensing and geostatistic applications.

Chilosi G., R. Reda, M.P. Aleandri, I. Camele, C. Marcone, L. Altieri, C. Montuschi, V. Rossi, A. Carlucci, F. Lops, L. Colatruglio, M.L. Raimondo and S. Frisullo. Soil-borne fungi associated with melon collapse in Italy.

De Miccolis Angelini R.M., S. Pollastro, M.A. De Guido and F. Faretra. Dynamics of *Vacuma* and *Transposa* subpopulations of *Botryotinia fuckeliana* in vineyards.

Ciuffo M., D. Pacifico, V. Masenga and M. Turina. A new species of *Tospovirus* (*Bunyaviridae*) from Piedmont, Italy.

Sorrentino G., S. Davino, M. Guardo, A. Caruso, G. Iacono and M. Davino. Spread of *Citrus Tristeza Virus* in an area of Sicily.

10,15-11,00 Discussione POSTER

Presiedono: Donato BOSCIA e Paolo CORTESI

35. **Agosteo G.E., C. Macrì, S.O. Cacciola and G. Magnano di San Lio.** Olive fruit fly (*Bactrocera oleae*) is a vector of *Colletotrichum* sp. causing olive anthracnose.
36. **Cacciola S.O., A. Pane, F. Raudino, A. Chimento, S. Scibetta, S. Davino and G. Magnano di San Lio.** Bud and heart rot of fox tail agave (*Agave attenuata*) caused by *Phytophthora asparagi*.
37. **Caiazzo R., P. Tarantino, A. Carella, F. Porrone and E. Lahoz.** *Phoma exigua* as causal agent of stem and vein rot disease of artichoke in South Italy.
38. **Carella A., R. Caiazzo, F. Raimo, P. Lauro and E. Lahoz.** *Alternaria alternata* as causal agent of epidemic leaf blight of ornamental Eucalyptus in South Italy .
39. **Reda R., M.P. Aleandri, P. Magro and G. Chilosi.** Soilborne diseases of melon in central Italy: fungal agents and relationship with cultural practices and environmental conditions.
40. **Rossi V., E. Pattori and S. Giosuè.** Infection of pear leaves by *Pleospora allii* ascospores.
41. **Saracchi M. and F. Rocchi.** Mycological studies on declining oaks in Lombardy.
42. **Bertocchi D., C. Pizzatti, M. G. Milgroom, P. Cortesi.** A clonal subpopulation of *Erysiphe necator* overwintering as mycelium in dormant buds.
43. **de Gioia T., Ciccarone C. and Rana G.L.** Preliminary studies on a Mimosa-tree wilting in Apulia (Italy).
44. **Infantino A., A. Santori, G. Conca, A. Belocchi, G. Aureli, G. Avantaggiato, A. Visconti and F. Quaranta.** Two-years monitoring of health condition of durum wheat kernels in organic farming in Italy.
45. **Picco A.M., M. Rodolfi, R. Confalonieri, M. Acutis, L. Mariani, M. Donatelli.** WARM - a new model for paddy rice simulations: productive aspects and adversities.
46. **Saracchi M., F. Rocchi, M. Lanticina, M. Vailati, V. Parco and F. Caronni.** Results of a four-year investigation on oak decline in Lombardy.
47. **Vettraino A.M., A. Brown, C. Brasier, E. Patrizi and A. Vannini.** *Phytophthora* spp. associated to agro-forest ecosystems in western Hymalaya.
48. **Polignone M., A. Carlucci, T. D'Ambrosio, F. Lops and S. Frisullo.** Studies on susceptibility of pruning cuts and on progressing of Esca disease fungi into host.
49. **Sigillo L., T. Iuorio, F. Campanile, R. Bravi, R. Zottola and M. Zaccardelli.** A bacterial disease caused by *Xanthomonas* sp. on *Lavanda officinalis*.
50. **Lo Cantore P. and N. S. Iacobellis.** Bacterial soft rot of cauliflower caused by *Pseudomonas fluorescens* in Apulia.
51. **Bianchi L., A.R. Babini, C. Ratti, L. Giunchedi and C. Rubies Autonell.** Survey of fruit viruses on certified propagation materials in northern Italy.
52. **Comes S., A. Fanigliulo, R. Pacella, G. Parrella, L. Scassillo and A. Crescenzi.** Recovery and characterization of *Tomato Yellow Leaf curl* Sardinia Virus and its vector in Basilicata region.
53. **Fanigliulo A., R. Pacella, S. Comes and A. Crescenzi.** *Solanum nigrum*, *Datura stramonium* and *Sonchus asper* reservoir hosts of *Tomato Yellow Leaf Curl Sardinia Virus* in southern Italy.
54. **Davino S., G. Sorrentino, M. Guardo, A. Caruso, G. Iacono and M. Davino.** Effect of *Citrus Tristeza Virus* on commercial orchards of "Tarocco Comune" sweet orange O.L. located in Sicily.
55. **Parisi M., G. Parrella, M. Zaccardelli and I. Giordano.** High incidence of ToMV and CMV in open field crops of tomato ecotypes in Campania (southern Italy).
56. **Parrella G., A. De Stradis and C. Vovlas.** High incidence of Brigh Yellow Mosaic associated to mixed infections of *Artichoke Latent Virus* and unidentified Nepovirus(es) in globe artichoke in Campania (southern Italy).

11,00-11,30 Pausa Caffè

SESSIONE: "MEZZI E METODI DI LOTTA"

11,30-12,30 Comunicazioni

Presiede: Gaetano MAGNANO DI SAN LIO

Bubici G., M. Amenduni G., C. Colella, M. D'Amico and M. Cirulli. Biological and chemical control of Tomato Corky Root and eggplant *Verticillium* Wilt.

Aleandri M.P., R. Reda, P. Magro and G. Chilosi. Induction of resistance in melon against fungal pathogens associated to collapse by treatments with chemical resistance activators.

Gennaro M., F. Mattivi, D. Carbonera and A. Giorcelli. Trials testing the *in vitro* antibiotic activity of a resveratrol-like trans-piceid vs some fungal parasites of poplar.

Neri F., M. Mari, A. M. Menniti, S. Brigati and P. Bertolini. Biofumigation with *trans*-2-hexenal for the control of *Penicillium expansum* disease in pome fruits.

Lima G., F. De Curtis and V. De Cicco. Innovative approaches for integrated management of postharvest diseases.

Iacobellis N. S. and P. Lo Cantore. Preliminary evidence on the use of essential oils for seed sanitation.

12,30-13,30 Discussion POSTER

Presiedono: Giuseppe LIMA e Andrea MINUTO

57. **Faedda R., A.R. Lo Piero, S.O. Cacciola and G. Petrone.** Effect of heavy metal ions on the glutathione transferase activity of *Trichoderma harzianum*.
58. **Antignani V., G. Bonanomi, E. Barile, V. Lanzotti and F. Scala.** Antifungal activity of five novel saponins from *Allium minutiflorum*.
59. **Farina G., M. Moretti, M. Saracchi, P. Sardi and G. Venturini.** Essential oil activity against post harvest pathogens at low temperatures.
60. **Gatto M.A., D. Di Venere, V. Linsalata, S. Vanadia, V.V. Bianco and A. Ippolito.** Antifungal activity of extracts from wild edible herbaceous species.
61. **Sanzani S.M., A. De Girolamo, L. Schena, M. Solfrizzo and A. Ippolito.** Activity of selected phytoalexins in postharvest control of *Penicillium expansum* and patulin production in apples.
62. **De Curtis F., D. Vitullo, D. Piedimonte, A.M. Spina and G. Lima.** Control of *Rhizoctonia solani* and *Sclerotium rolfsii* damping-off of tomato plants: preliminary results.
63. **Luvisi A. and E. Triolo.** Steam and exothermic reactions for the control of *Rhizoctonia solani* on radish and rocket by use of a self-propelled soil-steaming machine.
64. **Schirra M., S. D'Aquino, A. Palma, A. Angioni, P. Cabras, S. Giobbe and Q. Migheli.** Residue levels and effectiveness of pyrimethanil and trifloxystrobin versus imazalil after postharvest dip treatments at 20 and 50°C to control *Penicillium* spp. on citrus fruit.
65. **Giobbe S., L. Cubaiu, B. Scherm, M. A. Demontis, M. Budroni and Q. Migheli.** Biocontrol activity of wine yeasts against postharvest rot on apple fruit caused by *Penicillium expansum* and *Monilinia fructigena*.
66. **Mirotti A., M. Sportelli and S. Gennari.** Trials of telluric biocontrol in Emilia Romagna region with eco-compatible physical method and biocontrol agents.
67. **Ciavatta M.L., M.P. Lopez-Gresa, A. Carella, E. Manzo and R. Nicoletti.** Antagonism toward *Rhizoctonia solani* and production of a brevioxime-related compound by *Penicillium sizovae*.
68. **Infantino A., D. Luison, R. Tomasone, C. Cedrola and G. Colorio.** Study of biological and technological parameters of steam applications for the control soil-borne fungal pathogens.
69. **Cirvilleri G., A. Bonaccorsi, G. Scuderi, S. Stefani, M. Santagati, A. Vitale and I. Castello.** *Burkholderia gladioli*, a biocontrol agent against green and blue mould of fruits.
70. **Ferraioli S., I. Soriente, S.L. Woo, R. Ciliento, R. Marra, F. Vinale, P. Ambrosino, M. Ruocco, D. Turrà, S. Lanzuise, A. Sodano, V. Fogliano, F. Scala and M. Lorito.** Enhancement of *Trichoderma atroviride* disease control ability by applications of "biocontrol inducers".
71. **Carlucci A., F. Lops, M. Mucci, C. Lazzizzera, L. Colatruglio, M.L. Raimondo and S. Frisullo.** Effectiveness of biological and chemical trade products used in nursery to control the telluric pathogens of melon crops.
72. **Carlucci A.** Biological control against the White Root Rot of onion.
73. **Lops F., A. Carlucci, G. Ciuffreda, M. Mucci, L. Colatruglio, C. Lazzizzera, M.L. Raimondo, V. Gentile and S. Frisullo.** Effectiveness of solarization to control the main telluric fungal pathogens of cucurbits.
74. **Marinello S., P. L. Burzi, S. Galletti, E. Sala and C. Cerato.** Different chitinases expression in sugar beet seedlings induced by chemical or biological control agents.

75. **Lima G., F. De Curtis, D. Vitullo and D. Piedimonte.** Activity of natural amendments and composts against plant soil-borne pathogens.
76. **Zaccardelli M., E. Mancini, F. De Nicola, F. Campanile, E. De Feo, E. De Falco.** Potential use of essential oil, extracted from officinal plants cultivated in mediterranean area, to control phytopathogenic bacteria and fungi.
77. **Zaccardelli M., D. Perrone, A. Del Galdo and I. Giordano.** Effect of compost and nitrogen fertilizers on damages of *Cercospora brassicicola* on *Brassica rapa* L. var. *esculenta* hort.
78. **Bonanomi G., C. Pane, V. Antignani and F. Scala.** Decomposition of *Medicago sativa* residues affects plant growth and disease incidence.
79. **Ruscelli A., M. Nigro, G. Campanile and N. Luisi.** Utilizing antagonistic fungi against *Diplodia corticola*.
80. **Minardi P., S. Mucini and U. Mazzucchi.** Antimicrobial activity of carvacrol and thymol against *Erwinia amylovora* and *Aspergillus ochraceus*.
81. **Di Nicola-Negri E., P. Tavladoraki, L. Salandri, A.D. Palumbo, S. Ciferri and V. Iardi.** *Cucumber Mosaic Virus* (CMV) infection of tobacco plants constitutively expressing either polyamine oxidase (PAO) or copper amine oxidase (CUAO).
82. **Moretti C., S. Silvestri and R. Buonauro.** Nitric oxide releasing compounds systemically protect *Arabidopsis thaliana* plants against *Tobacco Necrosis Virus*.
83. **D'Anna F., A. Panattoni and E. Triolo.** Emerging antiviral drugs in plant chemotherapy.

13,30-15,00 Pausa Pranzo

15,00-18,00 **Tavola Rotonda** “La Sanità delle sementi per una agricoltura di qualità”.

18,00 Assemblea generale della S.I.Pa.V.

21,00 Cena sociale

Venerdì 15 settembre

8,00-8,30 Apertura dei lavori

Presiede: Gaetano MAGNANO DI SAN LIO

8,30-9,15 Relazione introduttiva: **CROUS P.W.** *Taxonomy of plant pathogenic fungi: can we merge the past with the future?*

SESSIONE: “DIAGNOSTICA E VARIABILITÀ DELLE POPOLAZIONI I”

9,15-11,00 Comunicazioni

Presiede: Giuseppe FIRRAO

Aragona M., N. Pucci and A. Infantino. The use of conventional and Real-Time PCR for detecting and quantifying *Pyrenochaeta lycopersici* in soil.

Nigro F., I. Pentimone, L. Schena, A. Ligorio, A. Ippolito and M.G. Salerno. IGS sequencing for the detection and characterization of *Cylindrocladium pauciramosum* isolates.

Boscia D., O. Potere, M.A. Castellano and V. Savino. ELISA: a new tool for the large scale detection of Plum bark necrosis stem pitting-associated virus.

Cettu E., D. Rekab, R. Locci and G. Firrao. Data on population structure and host molecular interaction of *Botryotinia fuckeliana* inferred from comparative sequence analysis of endopolygalacturonase genes.

Minuto A., P. Pensa, D. Berretti, M.L. Gullino and A. Garibaldi. Physiological specialization of *Fusarium oxysporum* isolated from ornamentals belonging to the *Compositae* family.

Moretti A., A.M. Picco, M. Rodolfi and S. Somma. Biological and molecular characterization of *Fusarium* species isolated from bakanae diseased rice plants.

10,15-11,00 Discussione POSTER

Presiedono: Alessandro INFANTINO e Stefania POLLASTRO

84. **Linzer R., D. Rizzo, M. Garbelotto, A. Chimento and S.O. Cacciola.** AFLP analysis of a population of European *Phytophthora pseudosyringae* isolates.
85. **Grasso F.M. and V. Catara.** Preliminary characterization of *Phoma tracheiphila* isolates from Italy and Greece by DNA-based typing methods.
86. **Schena L. and D.E.L. Cooke.** A new strategy to identify microsatellites in the genus *Phytophthora*.
87. **Landi L. and G. Romanazzi.** Transformation of *Phaeomoniella chlamydospora* with the synthetic green fluorescent protein (*GFP*) gene.
88. **Pollastro S., R.M. De Miccolis Angelini, M. Romito and F. Faretra.** Validation of protocols for quantitative detection of the ochratoxigenic fungus *Aspergillus carbonarius* in grape and must.
89. **Abbatecola A., S. Pollastro, A. Pichierri and F. Faretra.** Survey on the presence of *Phaeomoniella chlamydospora* in grapevine rootstocks.
90. **Zaccardelli M., A. Malzone, F. Campanile and F. De Nicola.** Characterization for antibiosis activity of spore-forming bacteria isolated from compost.
91. **Zaccardelli M., F. Campanile and B.A. Vinatzer.** Sequence analysis of the virulence gene *avrpt2* in isolates of *Pseudomonas syringae* pv. *tomato* and *Pseudomonas syringae* pv. *syringae*.
92. **Parrella G., S. Botti, S. Paltrinieri, G. Matteucig and A. Bertaccini.** Detection of 16sri-b subgroup Phytoplasmas associated with virescence, phyllody and severe growth abnormalities in *Ranunculus* in Campania (southern Italy).
93. **Santilli E. and S. Tegli.** Multiplex Real-Time PCR for the identification of *Pseudomonas savastanoi*.
94. **Barbarossa L. and V. Savino.** Comparative sequence analysis of coat protein gene of Apulian *Citrus Tristeza Virus* isolates.
95. **Jarrar S., D. Boscia, A. Myrta, A. Minafra, G. Loconsole and V. Savino.** Studies on the biological and molecular diagnosis of *Apricot Latent Virus*.
96. **Loconsole G., M. Saponari, G. Mondelli, V. Savino and G.P. Martelli.** Improvement of Olive Leaf Yellowing-associated virus detection using molecular hybridisation.
97. **Tomassoli L. and A. Tiberini.** Molecular diagnostic application for detection of viruses in caper.
98. **Sciancalepore A., A. De Stradis, A. Minafra, A. Campanale and G.P. Martelli.** Fluorescent *in situ* hybridization on grapevine and *Nicotiana* tissues infected by *Grapevine Viruses A* and *B*.
99. **Bazzoni A., D. Boscia, A. Didonna and V. Savino.** Detection of Ilarviruses in dormant material of stone fruit trees.
100. **Tessitori M., V. Carginale, G. Maria, S. Rizza, G. Catara, C. Capasso, A. Capasso and A. Catara.** Identification of differentially expressed genes in etrog citron in response to *Citrus Viroid III* infection.

11,00-11,30 Pausa Caffè

SESSIONE: "DIAGNOSTICA E VARIABILITÀ DELLE POPOLAZIONI II"

11,30-13,30 Comunicazioni

Presiede: Giuseppe FIRRAO

Damiano A., M. Malfitano, N. Duran-Vila and D. Alito. Molecular variability of *Citrus Variegation Virus* isolates from Campania.

Murolo S., G. Romanazzi, A. Minafra, P. Saldarelli, M.B. Branzanti and V. Savino. Molecular variability of *Grapevine Virus A* (GVA) coat protein gene in grapevine from Marche region, central-eastern Italy.

Sisto A., M. G. Cipriani, M. Cerboneschi, E. Santilli, G. Stea and S. Tegli. Characterisation of *Pseudomonas savastanoi* pv. *savastanoi* strains isolated from different host plants by F-AFLP.

Zaccardelli M., F. Campanile and B. A. Vinatzer. Characterization of *Pseudomonas syringae* pv. *tomato* strains for five differential effector genes

12,15-13,30 Discussione POSTER

Presiedono: Alessandro INFANTINO e Stefania POLLASTRO

101. **Hong S.G., M. Maccaroni, P.J. Figuli, B.M. Pryor and A. Belisario.** Characterization of *Alternaria* species-groups associated with disease complexes of walnut and hazelnut.
102. **Camele I., C. Marcone, G. Flora, A. Carlucci, M.L. Raimondo and S. Frisullo.** Molecular characterization of fungi associated with melon collapse.

103. **Ciccarone C.** Fungi isolated from clayey soils of Apulian vineyards in condition of cold and reduced oxygenation.
104. **Ciccarone C.** Some mycoparasites associated with mycelia and carpophores of *Phellinus* and *Fomitiporia*.
105. **Ciccarone C.** Occurrence of some *Hymenochaetales* on cultivated and wild perennial hosts in the environment of the Gargano peninsula.
106. **Somma S., A. Moretti, C. Alvarez and A. Susca.** Molecular variability of a population of *Fusarium poae*, main contaminant of wheat in northern Italy.
107. **Spica D., G. Sammarco, S.O. Cacciola and P. Cortesi.** Genetic diversity of *Cryphonectria parasitica* population in Sicily.
108. **Vannacci G., Cristani C., Kaisaris P. and S. Sarrocco.** Production of selenate resistant mutants of wild type and *gfp* transformed *Trichoderma virens* isolates and their exploitation in vegetative compatibility test.
109. **Flamini L., E. Rossini, S. Tonti, E. Biondi, S. Sandalo, P. Nipoti and C. Bazzi.** Detection of endophytic microorganisms within rootstock mother vines grown in Marche.
110. **Ciliento R., S.L. Woo, P. Marinelli, B. Navarra, M. Siena, R. Marra, F. Vinale, S. Ferraioli, P. Ambrosino, I. Soriente, M. Ruocco, D. Turrà, S. Lanzuise, M.A. Obregon Gomez and M. Lorito.** Physiological, biochemical and biological characterization of novel *Trichoderma* strains widely applied in Costa Rica.
111. **Moretti M., M. Saracchi, G. Farina.** Vegetative compatibility in *Cercospora beticola*.
112. **Prodi A., A. Pisi, C. Rubies Autonell, S. Tonti, S. Sandalo, C. Lanzoni, D. Rovito and P. Nipoti.** Monitoring of fungi population in common and durum wheat with different susceptibility to SBCMV.
113. **Carlucci A., M.L. Raimondo and S. Frisullo.** Occurrence of *Plectosporium tabacinum* different morphotypes associated with cucurbit collapse in Apulia.
114. **Gatto A., G. Sicoli, N. Luisi.** Genetic variability in a population of *Armillaria gallica* from a declining oak stand in Southern Italy.
115. **Campanella V. and C. Miceli.** Sanitary characterization of durum wheat kernels produced in Sicily.
116. **Colatruglio L., I. Camele, M.L. Raimondo, A. Carlucci, F. Lops, C. Marcone and S. Frisullo.** Molecular studies of *Rosellinia necatrix* isolates from Southern Italy.
117. **De Miccolis Angelini R.M., W. Habib, C. Rotolo, S. Pollastro and F. Faretra.** Obtainment and characterization of laboratory mutants of *Botryotinia fuckeliana* resistant to the new fungicide boscalid.
118. **Ferrante P., C. Moretti and R. Buonauro.** Characterization of *Pseudomonas syringae* pv. *tabaci* strains collected in central Italy.
119. **Pizzatti C., D. Bertocchi and P. Cortesi.** Diversity of *Pseudomonas* and *Pantoea* species isolated from discoloured rice grains in Italy.
120. **Puopolo G., A. Raio, A. Zoina and L.S. Pierson.** Characterization of a quorum sensing controlled promoter: the phenazine operon promoter in *Pseudomonas aureofaciens* strain 30-84.
121. **Lanzoni C., C. Ratti, M. Turina, A. Pisi, P. Tedeschi and C. Rubies Autonell.** Molecular characterisation of Allxivirus from garlic in Italy.
122. **Barone M., D. Alioto, T. Candresse and A. Ragazzino.** Indexing and variability of *Tricho-Fovea* and *Capilloviruses* in ancient fruit trees in Campania.
123. **Davino S., C. Napoli, M. Davino and G.P. Accotto.** Occurrence and characterization of *Tomato Yellow Leaf Curl Virus* in RAGUSA province (Sicily-Italy).
124. **Davino S., M.G. Bellardi, G.E. Agosteo, G. Iacono and M. Davino.** Characterization of a strain of *Pepino Mosaic Virus* found in Sicily.
125. **Davino S., M. Davino and M.G. Bellardi.** Molecular characterization of *Cucumber Mosaic Virus* isolates infecting ornamental species cultivated in the Botanical garden of Bologna University.
126. **Saldarelli P., D. Boscia, A. De Stradis and C. Vovlas.** A putative new member of the family *Flexiviridae* isolated from *Phlomis fruticosa* in Epirus (GREECE).
127. **Zorloni A., S. Prati, S. Chiesa and P.A. Bianco.** Transmission of Grapevine Leafroll Associated Virus 3 by the soft scale insect *Neopulvinaria innumerabilis* Rathvon.
128. **Parrella G. and M.G. Bellardi.** Molecular characterization of *Alfalfa Mosaic Virus* (AMV) isolates from officinal plants.
129. **Parrella G.** Biological and genetic variability of *Parietaria Mottle Virus* (PMoV) isolates.