

X Congresso Nazionale SIPaV

Teatro Tasso

Piazza S. Antonino, Sorrento (NA)

1-3 ottobre 2003

Comitato Scientifico:

Giovanni Del Sorbo

Matteo Lorito

Giovanni Paolo Martelli

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Programma

Mercoledì 1 ottobre

- 16.00 Registrazione dei partecipanti
- 16.30 Saluto ai Congressisti e apertura dei lavori
- 17.00 Presentazione del II Premio SIPaV "Giovanni Scaramuzzi"
- 17.30 Relazione su invito :
GENE-FOR-GENE RECOGNITION IN THE *CLADOSPORIUM FULVUM*-TOMATO
INTERACTION
P.J.G.M. de Wit, Laboratory of Phytopathology, Department of Plant Sciences, Wageningen
University, The Netherlands
- 18.30 AFFISSIONE POSTER (1-90)

Giovedì 2 ottobre

INTERAZIONI PIANTA-MICRORGANISMI E DIFESA

Moderatori: D. Gallitelli, A. Scala, G. Cirvilleri, F. Favaron

- 8.30 Relazione su invito
DURABLE RESISTANCE: CAN WE PREDICT THE RISK FOR PLANT PATHOGENS?
C. Linde, B.A. McDonald
Institute of Plant Sciences, ETHZ, Zürich, Switzerland
- 9.30 ARE NITRIC OXIDE OR ITS DERIVATIVES THE PHLOEMATIC SYSTEMIC SIGNALS
RESPONSIBLE FOR SYSTEMIC ACQUIRED RESISTANCE IN *ARABIDOPSIS THALIANA*?
R. Buonauro, C. Moretti, G. Arienti, C.A. Palmerini
- 9.45 RESPONSES INDUCED BY WOUNDING IN POTATO TUBER (*SOLANUM TUBEROSUM*
L.): ANALYSIS OF OXIDATIVE STRESS - RELATED COMPOUNDS PRODUCTION BELOW
BUD
M. Reverberi, A. A. Fabbri, S. Zjalic, S. Briganti, C. Fanelli
- 10.00 MOLECULAR AND STRUCTURAL STUDIES ON FUNGAL POLYGALACTURONASES AND
THEIR INHIBITORS PGIPs
F. Cervone, D. Bellincampi, C. Caprari, G. De Lorenzo, A. Di Matteo, L. Federici, S. Ferrari, R. Galletti,
C. Manfredini, B. Mattei, A. Raiola, D. Pontiggia, G. Salvi, S. Spadoni, D. Tsernoglou, D. Vairo
- 10.15 ANALYZING THE IMPACT OF TRANSGENE-DERIVED siRNAs ON TOMATO YELLOW
LEAF CURL SARDINIA VIRUS INFECTION
A. Lucioli, E. Noris, R. Tavazza, P. Caciagli, G. P. Accotto, M. Tavazza

- 10.30 INDUCTION OF POST-TRANSCRIPTIONAL GENE SILENCING IN PHLOEM TISSUES CONFERS SYSTEMIC RESISTANCE TO PLUM POX VIRUS IN *NICOTIANA BENTHAMIANA*
T. Pandolfini, B. Molesini, L. Avesani, A. Spena, A. Polverari
- 10.45 INDUCTION OF GENE SILENCING TO *GRAPEVINE VIRUS A* AND *GRAPEVINE VIRUS B* THROUGH MARKER FREE TRANSFORMATION OF *NICOTIANA* AND *VITIS* SPP
C. Turturo, P. Saldarelli, G. Bottalico, M. Dell' Orco, A. Minafra, I. Gribaudo, V. Savino, G.P. Martelli
- 11.00 THE REPLICATION OF TOBAMOVIRUSES IN *SACCHAROMYCES CEREVISIAE*
L. Rubino, V. Pantaleo, B. Navarro, M. Russo
- 11.15 COFFEE BREAK
- 11.30 PCR-BASED GENOME SUBTRACTIVE HYBRIDIZATION ON *CURTOBACTERIUM FLACCUMFACIENS* PV. *FLACCUMFACIENS* FOR THE DETECTION OF PATHOGENICITY AND VIRULENCE DETERMINANTS
S. Tegli, R. Bernardi, C. Nocentini, A. Scala
- 11.45 ISOLATION OF A NEW ARABIDOPSIS MUTANT WITH ENHANCED DISEASE TOLERANCE TO *SCLEROTINIA SCLEROTIORUM*
C. Bocconcelli, G. Chilosi, P. Magro, R.A. Bressan
- 12.00 FLUX, PHYTOTOXICITY AND CARBOHYDRATE COMPOSITION OF XYLEM SAP OF ESCA-AFFECTED SANGIOVESE GRAPEVINES DURING BLEEDING
G. Bruno, A. Forabosco, F. Delben, G. Liut, L. Sparapano
- 12.15 EFFECT OF FUNGICIDES ON DEOXYNIVALENOL BIOSYNTHESIS *IN VITRO* AND EXPRESSION OF *TRI* GENES IN THE HEAD BLIGHT PATHOGEN *FUSARIUM CULMORUM*
L. Covarelli, A. S. Turner, P. Nicholson
- 12.30 ENDOSPORE BIOCONTROL ACTIVITY OF TWO *BACILLUS* STRAINS AGAINST BROWN ROT OF STONE FRUITS CAUSED BY *MONILINIA LAXA*
L. Casalini, M. Mari, G.C. Pratella
- 12.45 CHITINASE AND PEROXIDASE ISOENZYMES IN SUGAR BEET LEAVES TREATED WITH *TRICHODERMA* AGAINST *CERCOSPORA BETICOLA*
R. Roberti, S. Marinello, C. Cerato, P.L. Burzi, A. Cesari
- 13.00 FLUORESCENT PROTEINS AS A TOOL FOR HISTOPATHOLOGICAL STUDIES OF SCLEROTIA PARASITIZED BY ANTAGONISTIC *TRICHODERMA* SPP. USED AS BIOLOGICAL CONTROL AGENTS.
S. Sarrocco, D.F. Jensen, G. Vannacci
- 13.15 A NEW EUROPEAN PROJECT ON BIOLOGICAL CONTROL
M. Vurro
- 13.30 PRANZO

EPIDEMIOLOGIA E DIAGNOSI

Moderatori: S.O. Cacciola, A. Haegi, G. Firrao, G. Nicolotti

- 15.15 ASSESSMENT OF GENETIC AND PATHOGENICITY DIVERSITY AMONG *ERWINIA AMYLOVORA* STRAINS ISOLATED FROM DIFFERENT HOST PLANTS AFFECTED WITH FIRE BLIGHT IN EMILIA ROMAGNA REGION
P. Minardi, M. Morbio, U. Mazzucchi
- 15.30 DIVERSITY OF LOCAL *PHYTOPHTHORA CAMBIVORA* POPULATIONS BASED ON AFLP MARKERS
A.M. Vettraino, A. Vannini

- 15.45 MOLECULAR FINGERPRINTING OF ANTAGONIST *AUREOBASIDIUM PULLULANS* ISOLATES BY FLUORESCENT AMPLIFIED FRAGMENT LENGTH POLYMORPHISM (FAFLP)**
F. De Curtis, L. Caputo, R. Castoria, G. Lima, V. De Cicco
- 16.00 HOST RANGE OF TUMOUR-INDUCING *PSEUDOMONAS SAVASTANOI* STRAINS**
P. Bella, C. Guarino, V. Catara., G. Cirvilleri
- 16.15 MOLECULAR ANALYSIS OF PPV-M ISOLATES FROM NORTHERN ITALY**
P.A. Bianco, A. Fanigliulo, I. Aliverti, S. Comes, P. Casati, A. Crescenzi, G. Belli
- 16.30 EPIDEMIC OUTBREAKS OF OLIVE ANTHRACNOSE IN CENTRAL ITALY**
G. E. Agosteo, C. Macri, R. Faedda, A. M. Pennisi, S. O. Cacciola, G. Magnano di San Lio
- 16.45 PCR REAL TIME IDENTIFICATION OF A HIGHLY PATHOGENIC GROUP OF *FUSARIUM OXYSPORUM* F.SP. *CHRYSANTHEMI* ON *ARGYRANTHEMUM FRUTESCENS***
M. Pasquali, L. Marena, E. Fiora, P. Piatti, M. L. Gullino, A. Garibaldi
- 17.00 COFFEE BREAK**
- 17.15 WINE CONTAMINATIONS BY OCHRATOXIN A IN SOUTH ITALY: CAUSES AND PREVENTIVE ACTIONS**
S. Pollastro, C. Dongiovanni, A. Abbatecola, G. Tauro, P. Natale, M. Pascale, A. Visconti, F. Faretra
- 17.30 OCHRATOXIN A - PRODUCING STRAINS OF *PENICILLIUM* SPP. ISOLATED FROM GRAPES**
E. Torelli, E. Gobbi, G. Firrao, R. Locci
- 17.45 CHARACTERIZATION OF THE DIVERSITY OF *PSEUDOMONAS SAVASTANOI* POPULATIONS FROM OLIVE TREES IN CENTRAL ITALY**
G. Marchi, L. Giovanetti, C. Viti, G. Surico
- 18.00 OCCURRENCE OF FUNGAL ENDOPHYTES IN HEALTHY AND DECLINING PLANTS OF *PINUS RADIATA*.**
B.T. Linaldeddu, A. Franceschini, P. Marongiu
- 18.15 THE DIEBACK OF HAZELNUT IN PROVINCE OF VITERBO: A STUDY ON THE CORRELATION AMONG THE DIFFUSION OF DISEASE, LAND CHARACTERISTICS AND CLIMATIC PARAMETERS BY USING GPS/GIS TECHNOLOGY.**
A. Fabi, G. M. Balestra, G. Vuono, L. Varvaro
- 18.30 DYNAMIC MODELLING OF *PLASMOPARA VITICOLA* PRIMARY INFECTIONS.**
V. Rossi, S. Giosuè, T. Caffi, R. Bugiani, A. Brunelli, M. Collina
- 18.45 AFFISSIONE POSTER (91-142)**
- 21.00 CENA SOCIALE**

Venerdì 3 ottobre

- 9.00 RELAZIONE SULLA DIDATTICA IN PATOLOGIA VEGETALE**
G. Surico
- 10.00 RELAZIONE SULLA RICERCA IN PATOLOGIA VEGETALE**
P. Alghisi
- 11.00 COFFEE BREAK**
- 11.30 RIUNIONE ANNUALE SOCI SIPAV**
- 12.30 CHIUSURA LAVORI**