

## PHD THESES IN THE IPM SECTOR

### in collaboration with Italian Universities

**2000-2003:** *Citrus psorosis virus*: Serological and molecular characterization of the coat protein gene of Egyptian isolates. *University of Napoli*. **Hesham Fahmy (Egypt)** MAIB co-supervision A. M. D'Onghia

**2000-2003:** Partial molecular characterization of Olive leaf yellowing –associated virus and production of Antisera by means of recombinant proteins. *University of Bari*. **El Beaino Toufic (Lebanon)**

**2002-2005:** Biological, serological and molecular characterization of *Apricot latent virus* (ApLV). *University of Bari*. **Jarrar Samar (Palestine)**

**2004 - 2007:** Survey and molecular characterization of *Pseudomonas savastanoi pv savastanoi* strains isolated from olive trees in the Mediterranean area. *University of Perugia*. **Valentini Franco (Italy)** MAIB co-supervision A. M. D'Onghia

**2005-2008:** Identification and partial characterization of a new putative marafivirus from olive. *University of Bari*. **Alabdulla Abdulkader (Syria)** MAIB co-supervision M. Digiaro

**2005-2008:** Studies on *Plum bark necrosis stem pitting-associated virus*. *University of Bari*. **Matic Slavica (Bosnia)** MAIB co-supervision A. Myrta

**2005-2008:** Aspects of epidemiology and biological control of *Phytophthora* root rot of citrus in nurseries of Southern Italy. *University of Catania*. **Assem Salama Eid (Egypt)** MAIB co-supervision A. M. D'Onghia

**2005-2008:** Etiological and Epidemiological aspects of Dry Root Rot of Citrus caused by *Fusarium* spp. in nurseries. *University of Bari*. **Anis Khlij (Tunisia)** MAIB co-supervision A. M. D'Onghia

**2005-2008:** Serological, molecular and cytological characterization between GFLV isolates causing yellow mosaic and malformation infections. *University of Bari*. **Jawhar Jocelyne (Lebanon)** MAIB co-supervision M. Digiaro

**2007-2010:** Studies on the main post harvest pathogens of citrus. *University of Bari*. **Youssef El Adawi (Egypt)** MAIB co-supervision A. M. D'Onghia

**2007-2010:** Characterization and genomic variability of Citrus tristeza virus (CTV) isolates recovered in Apulia and Syria. *University of Bari*. **Abou Kubaa Raeid (Syria)** MAIB co-supervision A. M. D'Onghia

**2007-2010:** Assessment of genetic diversity of Mediterranean Citrus Tristeza virus (CTV) isolates and genomic RNA variability associated to the vector transmission. *University of Catania*. **Yahiaoui Dorsaf (Tunisia)** MAIB co-supervision K. Djelouah

**2007-2010:** Antagonistic and plant growth promoting bacteria from organic growing substrates for controlling some soil borne fungal pathogens of melon. *University of Tuscia, Viterbo.* **Sebaaly Claudine (Lebanon)** MAIB co-supervision A. M. D'Onghia

**2007-2010:** Control and diagnosis of grapevine trunk diseases in nurseries. *University of Bari.* **Habib Wassim (Lebanon)** MAIB co-supervision M. Digiario

**2007-2010:** Molecular investigations on genetic variability of *Pseudomonas savastanoi* in the Mediterranean Region. *University of Perugia.* **Mr Hosni Taha (Morocco)** MAIB co-supervision A. M. D'Onghia

**2007-2011:** Further characterization studies on *Citrus Tristeza Virus* (CTV) isolates collection from Mediterranean countries and their interaction with citrus viroids *University of Catania.* **Daden Mounia (Morocco)** MAIB co-supervision K. Djelouah

**2008-2011:** Metazoan Biodiversity monitoring in chestnut soil: coupling DNA barcode approach with 454 pyrosequencing technology. *University and CNR of Bari.* **Balech Bachir (Lebanon)** MAIB co-supervision A. M. D'Onghia

**2008-2011:** Molecular characterization of a GARSV isolate from Turkey. *University of Bologna.* **Nahdi Sabrine (Tunisia)** MAIB co-supervision M. Digiario

**2008-2011:** Canopy fungal diseases of mango in Sicily and Egypt'. *University of Catania.* **Ismail Ahmed Mahmoud (Egypt)** MAIB co-supervision A. M. D'Onghia & T. Yaseen

**2009-2012:** Monitoring and characterization of *Citrus tristeza virus* (CTV) in Morocco and virus-vector epidemiology'. *University of Catania.* **Afechtal Mohamed (Morocco)** MAIB co-supervision K. Djelouah

**2009-2012:** Soil-borne fungal diseases of mango in Sicily and Egypt. *University of Catania.* **Yosra Mahmoud (Egypt)** MAIB co-supervision A. M. D'Onghia & T. Yaseen

**2012-2015:** Aspects of epidemiology Etiology and biological of olive anthracnose caused by *Colletotrichum gloeosporioides*. *University of Palermo.* **Ahmed Abdelfettah (Egypt)** MAIB co-supervision A. M. D'Onghia

**2012-2015:** Remote sensing and sampling methods for large scale detection of fire blight in pome fruit trees and molecular investigations on genetic variability of Mediterranean strains of *Erwinia amylovora*. *University of Tuscia, Viterbo.* **Yaseen Al Naasan (Syria)** MAIB co-supervision A. M. D'Onghia

**2013-2016:** Further investigations on bacterial diseases of Stone fruits in Lebanon and characterization of local isolates *University of Tuscia, Viterbo.* **Peter Moubarak (Lebanon)** MAIB co-supervision A. M. D'Onghia & F. Valentini

### **in collaboration with Foreign Universities**

**2005-2009:** Sanitary status of stone fruit trees in Algeria *University of Setif.* **Rouag Nouredin (Algeria)** MAIB co-supervision A. Myrta

**2007-2011:** Regeneration and sanitation by somatic embryogenesis from Style and stigma *in vitro* culture of Algerian Citrus genotypes. *University of Chlef*. **Meziane Malika (Algeria)** MAIB co-supervision A. M. D'Onghia

**2007-2012:** Characterization of Algerian isolates of *Citrus tristeza virus*. *University of Blida*, **Larbi Djamila (Algeria)** MAIB co-supervision K. Djelouah

### **Graduation theses of Italian students from University of Bari – Faculty of Biotechnology with MAIB co-supervision**

**2009:** Application of sanitation techniques for the elimination of virus and virus-like agents from candidate citrus tree primary sources of "virus-free" or "virus – tested" categories. **Fabiana Sforza**, MAIB co-supervision A. M. D'Onghia

**2012:** Comparative study on *Grapevine Fanleaf Virus* (GFLV) isolates. **Alessandro Messori**, MAIB co-supervision M. Digiario

**2012:** Improvement of molecular diagnosis for the control of the presence and diffusion of *Spiroplasma citri* in Italy. **Francesco Capuano**, MAIB co-supervision K. Djelouah