

Curriculum vitae et studiorum Dr. Antonio Moretti

Nazione italiana; Nascita: Bari, 01.09.1960

Inglese e Francese parlati, compresi e scritti correttamente

Posizione attuale: Primo Ricercatore presso ISPA-CNR (Istituto di Scienze delle Produzioni Alimentari) - **CNR** (Consiglio Nazionale delle Ricerche), Bari.

1988 Laurea in Scienze Agrarie presso “Università degli studi” di Bari.

1989-1993 Borsa di Studio presso Istituto tossine e micotossine da parassiti vegetali (ITEM, sin dal 2001 diventato Istituto di Scienze delle Produzioni Alimentari, ISPA), Consiglio Nazionale delle Ricerche (CNR) "Analisi genetica e chimica dei funghi tossigeni e delle loro micotossine"

In questo periodo, nel **1991**, svolge un periodo di un anno all'estero come “visiting scientist” presso il “National Center for Agricultural Utilization Research” Ministero dell'Agricoltura degli Stati Uniti, Peoria, su “Genetica dei *Fusarium* e compatibilità sessuale delle popolazioni tossinogeniche di *Fusarium*”.

1994 Ottiene una posizione di Ricercatore a tempo determinato di 4 anni presso l'ITEM

1998 Ottiene una posizione permanente di Ricercatore presso l'ITEM

2007 Ottiene una posizione di Primo Ricercatore presso l'ISPA

2013 Valutato **idoneo** al profilo di **Docente Ordinario di Patologia Vegetale** nelle procedure di Valutazione Nazionale del MIUR

Principali Responsabilità di Progetti

1999-2003 Vice-delegato Nazionale per l'azione concertata dell'Unione Europea COST 835 “Agriculturally important toxigenic fungi”, dove è attivo nei “Working Groups” “Biodiversità, Filogenesi, e Tassonomia dei Funghi Tossigeni”, “Genetica e Diagnosi di Funghi Tossigeni” ed “Ecologia and Patogenicità di Funghi Tossigeni”

2000-2005 Responsabile per l'Istituto del progetto dell'Unione Europea del V Programma Quadro “RAMFIC”, “Quality of life and Management of Living Resources” dal titolo “Sustainability, product safety and quality in cereals: development of novel quantitative models for risk assessment for mycotoxigenic *Fusarium* species”

2004-2006 responsabile scientifico all'interno del progetto dell'Unione Europea “Characterize and utilize mating type genes in biocontrol strains to improve mycoherbicide efficacy” (Specific Targeted Research Project Food-CT-2003-001687) del VI programma Quadro “Food Quality and Safety” **del workpackage** “The identification of molecular markers to recognize biocontrol agent strains after their release into the soil”

2007 Svolge un periodo di soggiorno di un mese presso il laboratorio del Dr. Robert H. Proctor, National Center for Agricultural Utilization Research, United States Department of Agriculture, Peoria, USA, nell'ambito di una collaborazione sulla “Genetica delle specie tossigene di *Fusarium*”

2007-2011 Responsabile per l'ISPA del Progetto Triennale MUR AGROGEN (Laboratorio di GENomica per caratteri di importanza AGRonomica in frumento duro: identificazione di geni utili, analisi funzionale e selezione assistita con marcatori molecolari per lo sviluppo della filiera sementiera nazionale).

2007-2009 Responsabile per l'ISPA del Progetto “Evaluation of fungicide efficacy on wheat kernels for the reduction of *Fusarium graminearum* incidence on head blight.” In collaborazione con Syngenta.

2009-2011 **Responsabile** per l'ISPA-CNR Bari, del **progetto EFSA** (European Food Safety Agency, Agenzia Europea per la Sicurezza Alimentare) “Modelling, predicting and mapping the emergence of aflatoxins in cereals in the EU due to climate change”

2009 – 2013. Support-Leader del Workpackage 6 “Advanced technologies for diagnostics, quantitative detection and novel approaches to control toxigenic fungi” nell'ambito del *Large collaborative project* dell'Unione Europea “**MYCORED**” “Novel integrated strategies for

worldwide mycotoxin reduction in food and feed chains”, **PROGETTO quadriennale dell’Unione Europea** KBBE-2007-2-5-05 N. 22690-2 del VII Programma Quadro.

2011- 2014 Responsabile del WP *Studio della biodiversità di Alternaria per il miglioramento della qualità e sicurezza della filiera cerealicola* nell’ambito del Progetto Nazionale per la Sostenibilità e l’Innovazione del the *Made in Italy* Agro-alimentare “CISIA”.

2012-ad oggi Responsabile per l’ISPA Bari del Progetto Nazionale “Strengthening of High Education in the cereal food chain for the development of Agro-food system in Southern-Italy” PON01_01145/F1 CUPB78F11000180005 ”ISCOCEM”.

2015-2017 Responsabile del Progetto Bilaterale CNR-CONICET (Argentina) “*Fusarium* species in cereals: ecophysiology on fumonisin production and its impact on food safety.”

2015- 2016 Responsabile del Progetto “**Evaluation of fungicide and biostimulant efficacy on maize plants for the reduction of mycotoxin contamination of maize kernels**” finanziato da e in cooperazione con Adama Makhteshim LTD.

Principali impegni professionali

2006 Co-fondatore dell’International Society of Mycotoxicology (www.mycotox-society.org/) della quale sono soci oltre 300 fra i principali esperti sui Funghi Tossigeni e sulle micotossine.

2006 Organizzatore ed Istruttore per l’International Fusarium Laboratory Workshop, tenutosi a Bari, presso l’ISPA, 4-9 Giugno 2006.

2006 Organizzatore ed Istruttore per International Training Course “Detection techniques for mycotoxins and toxigenic fungi in food chain” held at ISPA in Bari, 2-6 October 2006 in the behalf of MYCO-GLOBE (Integration of Mycotoxins and Toxigenic Fungi, Research for Food Safety in Global System), Concerted Action of the European Union.

2008. Organizzatore ed Istruttore per l’International ISM Training Course “Detection techniques for mycotoxins and toxigenic fungi in food chain” tenutosi presso ISPA in Bari, 29 September – 3 Ottobre 2008

2010. Organizzatore ed Istruttore per l’International Training Course MycoRed “Detection techniques for mycotoxin and toxigenic fungi in the food chain” tenutosi presso l’ISPA in Bari, 4-8 Ottobre 2010

2012 2006 Organizzatore ed Istruttore per l’International Fusarium Laboratory Workshop, tenutosi a Bari, presso l’ISPA, 3-8 Giugno 2006.

2013-ad oggi, Componente Commissione di Esami di profitto dell’insegnamento di **Patologia Vegetale** presso il Dipartimento di Scienze agrarie, degli Alimenti e dell’Ambiente, dell’Università di Foggia

2014 Coordinatore ed Istruttore del Workshop-Training Course on “Toxigenic Fungi and Pathogenic Bacteria in Food Chain” tenutosi presso l’ISPA a Bari, 29 Settembre – 3 Ottobre 2014

2015 Chair del **13° European Fusarium Seminar**, Martina Franca, Italy 10th - 14th of May

Principali esperienze all’estero

1991 Un anno da “**visiting scientist**” presso il National Centre for Agricultural Utilization Research, **United States Department of Agriculture, Peoria, USA** su “Genetica dei *Fusarium* e compatibilità sessuale delle popolazioni tossinogeniche di *Fusarium*”.

1995 Periodo di 3 mesi come “**visiting scientist**” presso il laboratorio di Patologia Vegetale del “Institute for Comprehensive Agricultural Sciences, Faculty of Agriculture, **Kinki University**”, **Nara, Giappone** su “Molecular genetics of *Fusarium*” supported by a fellowship of Japanese Society for Promotion of Science.

2007 Invitato per un periodo di **1 mese** come “**visiting scientist**” presso il National Centre for Agricultural Utilization Research, **United States Department of Agriculture, Peoria, USA**, presso il laboratorio di Robert Proctor lavorando su "Screening Polyketide Synthase (PKS) Gene Expression in *Fusarium* Species".

2011 Invitato per un periodo di **1 mese** come “visiting scientist” presso il Department of Microbiology and Immunology- Section Mycology, **Universidad Nacional de Río Cuarto, Río Cuarto-Córdoba-Argentina**, presso il laboratorio della Prof. Sofia Chulze, nell’ambito del Progetto Twinning sulle micotossine Mycored-PAE fra Unione Europea ed Argentina.

2012-2014 Invitato in 4 occasioni come “visiting scientist” presso il Department of Food Safety & Quality Control di Pechino, Institute of Agro-Products Processing Science and Technology, dell’Accademia Cinese di Scienze Agrarie (IAPPST-CAAS), Cina, nell’ambito del Programma 2012 *High-end Foreign Experts Recruitment* della CAAS su invito del Prof. Y. Liu.

2013 **Consegue Abilitazione a Docente Ordinario di Patologia Vegetale** nel sistema di Abilitazione Scientifica Nazionale **2012**

Componente di comitato organizzatore e scientifico e invitato per “main lecture” in numerosi meeting internazionali.

Invitato frequentemente per lezioni seminariali su Micotossine, Funghi Tossigeni e loro patogenicità in numerose Università Italiane e Straniere ed Istituzioni di Ricerca Nazionali ed Internazionali. In particolare nel periodo 1997-1999 è stato invitato a tenere Seminari di aggiornamento sui funghi tossigeni e relative micotossine presso l’Institute for Comprehensive Agricultural Sciences, Facoltà di Agraria, della Kinki University, Nara, Giappone e nel periodo 2012-2014 presso il Department of Food Safety & Quality Control di Pechino, Institute of Agro-Products Processing Science and Technology, dell’Accademia Cinese di Scienze Agrarie (IAPPST-CAAS), Cina

Editor di *Phytopathologia Mediterranea*, *Toxins and Frontiers*, sezione Food Microbiology.

Referee di numerosi giornali Internazionali quali “*Applied and Environmental Microbiology*”, “*European Journal of Plant pathology*”, “*Food Additives and Contaminants*”, “*International Journal of Food Microbiology*”, “*Journal of Agriculture and Food Chemistry*”, “*Journal of Food Microbiology*”, “*Mycotoxin Research*”, “*Plant Pathology*”; “*Sydowia*”, “*Toxins*”, “*World Mycotoxin Journal*” e molti altri.

Tutor di numerosi ospiti scientifici dell’ITEM prima e poi dell’ISPA, all’interno di programmi nazionale ed internazionali di cooperazione scientifica con diverse nazioni: Algeria, Argentina, Egitto, Iran, Giappone, Marocco, Polonia, Russia, Serbia, Slovacchia, Tunisia, Turchia, USA.

Invitato frequentemente da per Seminari e Lezioni.

Principali campi di interesse del Dr. Antonio Moretti, sono la caratterizzazione fitopatologica, genetico-molecolare e tossinogenica delle principali specie di *Fusarium* patogene di piante da raccolto e studio della loro biodiversità e patogenicità.

L’attività di ricerca del Dr. Moretti è documentata da **97** pubblicazioni su Riviste Scientifiche Internazionali e **6** pubblicazioni su Riviste Nazionali, **11** capitoli di libri, e centinaia di proceedings di Convegni Nazionali ed Internazionali

H-index di Antonio Moretti

30 Fonte: Institute for Scientific Information (ISI) Web of Science;

34 Fonte: Google Scholar

Lavori a stampa su riviste scientifiche JCR.

2015

Lazzaro I., A. **Moretti**, P. Giorni, C. Brera, P. Battilani. 2015. Organic vs conventional farming: Differences in infection by mycotoxin-producing fungi on maize and wheat in Northern and Central Italy. *Crop Protection*, 72: 22-30.

Köhl J., C. Lombaers, A. **Moretti**, R. Bandyopadhyay, S. Somma, P. Kastelein. 2015. Analysis of microbial taxonomical groups present in maize stalks suppressive to colonization by toxigenic *Fusarium* spp.: A strategy for the identification of potential antagonists. *Biological Control*, 83: 20-28.

Palacios, S.A., A. Susca; M. Haidukowski; G. Stea; E.Cendoya, M.L. Ramírez, S.N. Chulze, M.C. Farnochi, A. **Moretti**, A.M. Torres. 2015. Genetic variability and fumonisin production by

Fusarium proliferatum isolated from durum wheat grains in Argentina. *International Journal of Food Microbiology*, 201: 35-41.

2014

Susca A., R.H. Proctor, R.A.E. Butchko, M. Haidukowski, G. Stea, A.F. Logrieco, **A. Moretti**. 2014. Variation in the fumonisin biosynthetic gene cluster in fumonisin-producing and nonproducing black aspergilli. *Fungal Genetics and Biology*, 73: 39-52.

Susca A., **A. Moretti**, G. Stea, A. Villani, A.F. Logrieco, G. Munkvold. 2014. Comparison of species composition and fumonisin production in *Aspergillus* section *Nigri* populations in maize kernels from USA and Italy. *International Journal of Food Microbiology*.

Moretti A., Panzarini G., Somma S., Campagna C., Ravaglia S., Logrieco A.F., Solfrizzo M. 2014. Systemic Growth of *F. graminearum* in Wheat Plants and Related Accumulation of Deoxynivalenol. *Toxins*, 6(4): 1308-1324

Logrieco A.F., M. Haidukowski, A. Susca, G. Mulè, G.P. Munkvold and **A. Moretti**. 2014. *Aspergillus* section *Nigri* as contributor of fumonisin B2 contamination in maize. *Food Additives & Contaminants: Part A*, 31, 144-155.

Somma S., A. L. Petruzzella, A. Logrieco, G. Meca, O. S. Cacciola and **A. Moretti***. 2014. Phylogenetic analyses of *Fusarium graminearum* strains from cereals in Italy, and characterisation of their molecular and chemical chemotypes. *Crop and Pasture Science*, 65, 52-60. ***Corresponding author**

Malysheva S.V., V. Polizzi, **A. Moretti**, N. De Kimpe, J. Van Bocxlaer, S. De Saeger. 2014. Untargeted screening of secondary fungal metabolites in crude extracts and samples from mouldy indoor environments by time-of-flight mass spectrometry. *World Mycotoxin Journal*, 7, 35-44.

2013

Moretti A., A. Susca, G. Mulé, A.F. Logrieco, R.H. Proctor. 2013. Molecular biodiversity of mycotoxigenic fungi that threaten food safety. *International Journal of Food Microbiology*, 167, 57-66.

Proctor R.H., F. Van Hove, A. Susca, G. Stea, M. Busman, T. van der Lee, C. Waalwijk, **A. Moretti**, T.J. Ward. 2013. Birth, death, and horizontal transfer of the fumonisin biosynthetic gene cluster during the evolutionary diversification of *Fusarium*. *Molecular Microbiology*, 90(2):290-306.

Xu X., LV Madden, SG Edwards, FM Doohan, **A. Moretti**, L Hornok, P Nicholson, A Ritieni. 2013. Developing logistic models to relate the accumulation of DON associated with *Fusarium* head blight to climatic conditions in Europe. *European Journal of Plant Pathology*. 137:689-706.

Sarrocchio S., F. Matarese, L. Moncini, G. Pachetti, A. Ritieni, **A. Moretti**, G. Vannacci. 2013. Biocontrol of *Fusarium* head blight by spike application of *Trichoderma gamsii*. *Journal of Plant Pathology*, in press.

Cuomo V., A. Randazzo, G. Meca, **A. Moretti**, A. Cascione O. Eriksson, E. Novellino, A. Ritieni. 2013. Production of enniatins A, A1, B, B1, B4, J1 by *Fusarium tricinctum* in solid corn culture: structural analysis and effects on mitochondrial respiration. *Food Chemistry*, 15;140(4):784-93.

2012

Polizzi V., A. Adams, S. De Saeger, C. Van Peteghem, **A. Moretti**, N. De Kimpe. 2012. Influence of various growth parameters on fungal growth and volatile metabolite production by indoor molds. *Science of the Total Environment*. 414:277-86.

Marín P., **A. Moretti**, A. Ritieni, M.I. Jurado, C. Vázquez, M.T. González-Jaén. 2012. Phylogenetic analyses and toxigenic profiles of *Fusarium equiseti* and *Fusarium acuminatum* isolated from cereals from Southern Europe. *Food Microbiology*, 31, 229-237.

Heperkan D., **A. Moretti**, C. Daskaya, A.F. Logrieco. Toxigenic fungi and mycotoxin associated with figs in the Mediterranean area. *Phytopathologia Mediterranea*, 51, 1, 119-130.

- Sarrocco S., F. Matarese, A. **Moretti**, M. Haidukowski, G. Vannacci. DON on wheat crop residues: effects on mycobiota as a source of potential antagonists of *Fusarium culmorum*. *Phytopathologia Mediterranea*, 51, 1, 225–235.
- Van Asselt E.D., W. Azambuja, A. **Moretti**, P. Kastelein, T.C. De Rijk, I. Stratakou & H.J. Van Der Fels-Klerx 2012: A Dutch field survey on fungal infection and mycotoxin concentrations in maize, Food Additives & Contaminants: Part A: Chemistry, Analysis, Control, Exposure & Risk Assessment, 29, 10, 1556-1565.
- Polizzi V., A. Adams, S.V. Malysheva, S. De Saeger, C. Van Peteghem, A. **Moretti**, A.M. Picco, N. De Kimpe, 2012. Identification of volatile markers for indoor fungal growth and chemotaxonomic classification of *Aspergillus* species, *Fungal Biology*, 116, 9, 941-953.
- 2011**
- Van Hove F., C. Waalwijk, A. Logrieco, F. Munaut, A. **Moretti**. 2011. *Gibberella musae* (*Fusarium musae*) sp. nov.: a new species from banana closely related to *F. verticillioides*. *Mycologia*, 103: 570:585.
- Somma S., G. Pose, A. Pardo, G. Mulè, V. Fernandez Pinto, A. **Moretti**, A.F. Logrieco. 2011. AFLP variability, toxin production and pathogenicity of *Alternaria* species from Argentinean tomato fruits and puree. *International Journal of Food Microbiology*, 145: 414-419.
- De Curtis F., De Cicco V., Haidukowski M., Pascale M., Somma S., A. **Moretti**. 2011. Effects of agrochemical treatments on the occurrence of Fusarium ear rot and fumonisin contamination of maize in Southern Italy. *Field Crops Research*, 123: 161–169.
- Rajmohan N., T.J. Gianfagna, G. Meca, A. **Moretti**, N. Zhang. 2011. Molecular identification and mycotoxin production of *Lilium longiflorum*-associated fusaria isolated from two geographic locations in the United States. *European Journal of Plant Pathology*, 131: 631-642.
- C.L. Alvarez, S. Somma, R.H. Proctor, G. Stea, G. Mulè, A.F. Logrieco, V. Fernandez Pinto, A. **Moretti***. 2011. Genetic Diversity in *Fusarium graminearum* from a Major Wheat-Producing Region of Argentina. *Toxins*, 3, 1294-1309. * = **Corresponding author**
- Sarrocco S., Matarese F., S. Somma, F. Rossi, A. **Moretti**, G. Vannacci. 2011. Biocontrol of Fusarium Head Blight (FHB) in a multitrophic perspective. *IOBC/wprs Bulletin*, 71: 123-127.
- 2010**
- Susca A., R.H. Proctor, G. Mulè, G. Stea, A. Ritieni, A. Logrieco, A. **Moretti**. 2010. Correlation of mycotoxin fumonisin B₂ production and presence of the fumonisin biosynthetic gene *fum8* in *Aspergillus niger* from grape. *Journal of Agricultural and Food Chemistry*. 58: 9266-9272.
- Somma S., C. Alvarez, V. Ricci, L. Ferracane, A. Ritieni, A. Logrieco, A. **Moretti***. **2010**. Trichothecene and beauvericin mycotoxin production and genetic variability in *Fusarium poae* isolated from wheat kernels from northern Italy. *Food Additives and Contaminants*, 27: 729-737.
*= corresponding author
- Moretti** A., L. Ferracane, S. Somma, V. Ricci, G. Mulè, A. Susca, A. Ritieni, A. Logrieco. **2010**. Identification, mycotoxin risk and pathogenicity of *Fusarium* species associated to fig endosepsis in Apulia. *Food Additives and Contaminants*, 27: 718-728.
- Alvarez C.L., Somma S., **Moretti** A., Fernández Pinto V. **2010**. Aggressiveness of *Fusarium graminearum sensu stricto* isolates in wheat kernels in Argentina. *Journal of Phytopathology*. 158: 173-181
- Jurado M., P. Marín, C. Callejas, A. **Moretti**, C. Vázquez, M.T. González-Jaén. **2010**. Genetic variability and fumonisin production by *Fusarium proliferatum*. *Food Microbiology*. Vol. 27 50-57.
- Ganassi S., P. Grazioso, A. **Moretti**, M.A. Sabatini. **2010**. Effects of the fungus *Lecanicillium lecanii* on survival and reproduction of the aphid *Schizaphis graminum*. *Biocontrol*. 55: 299-312
- Meca G., M.J. Ruiz, J.M. Soriano, A. Ritieni, A. **Moretti**, G. Font, J. Mañes. 2010. Isolation and purification of enniatins A, A1, B, B1, produced by *Fusarium tricinctum* in solid culture, and cytotoxicity effects on Caco-2 cells. *Toxicon*. 56: 418-424.

- Meca G., J.M. Soriano, A. Gaspari, A. Ritieni, A. **Moretti**, J. Mañes. 2010. Antifungal effects of the bioactive compounds enniatins A, A1, B, B1. *Toxicon*. 56: 480-485.
- Meca G., I. Sospedra, J.M. Soriano, A. Ritieni, A. **Moretti**, J. Mañes. 2010. Antibacterial effect of the bioactive compound beauvericin produced by *Fusarium proliferatum* on solid medium of wheat. *Toxicon*. 56: 349-354.

2009

- Munkvold G.P., A. Logrieco, **A. Moretti**, R. Ferracane, A. Ritieni. 2009. Dominance of Group 2 and Fusaproliferin production by *Fusarium subglutinans* from Iowa maize. *Food Additives and Contaminants*, 26: 388-394.
- O'Donnell K., C. Gueidan, S. Sink, P.R. Johnston, P.W. Crous, A. Glenn, R. Riley, N. Zitomer, P. Colyer, C. Waalwijk, T. van der Lee, **A. Moretti**, S. Kang, H.S. Kim, D.M. Geiser, J. Juba, R.P. Baayen, M.G. Cromey, S. Bithel, D.A. Sutton, K. Skovgaard, R. Ploetz, H.C. Kistler, M. Elliott, M. Davis, B.A.J. Sarver. 2009. A Two-locus DNA Sequence Database for Typing Plant and Human Pathogens Within the *Fusarium oxysporum* Species Complex. *Fungal Genetics & Biology*. 46: 936-948.
- Visentin I., G. Tamietti, D. Valentino, E. Portis, P. Karlovsky, **A. Moretti**, F. Cardinale. 2009. The ITS region as a taxonomic discriminator between *Fusarium verticillioides* and *F. proliferatum*. *Mycological Research*. 113: 1137-1145.
- Polizzi V., B. Delmulle, **A. Moretti**, A. Picco, Y. Rosseel, R. Kindt, A. Adams, A. Susca, J. Van Bocxlaer, N. De Kimpe, C. Van Peteghem, S. De Saeger. 2009. Mycotoxins and Microbial Volatile Organic Compounds in Mouldy Interiors from Water-damaged Buildings. *Journal of Environmental Monitoring*. 11: 1849-1858.
- Logrieco A., **A. Moretti**, M. Solfrizzo. 2009. *Alternaria* mycotoxins: *Alternaria* toxins and plant diseases: an overview of origin, occurrence and risks. *World Mycotoxin Journal*, 2: 129-140.
- Cipriani M.G., G. Stea, **A. Moretti**, C. Altomare, G. Mulè, M. Vurro. 2009. Development of a PCR-based assay for the detection of *Fusarium oxysporum* strain FT2, a potential mycoherbicide of *Orobanche ramosa*. *Biological Control*, 50: 78-84.

2008

- Logrieco A., **A. Moretti**, G. Mulè, C. Paciolla, A. Ritieni. 2008. Advances on the toxicity of the cereal contamination *Fusarium* esadepsipeptides. *Cereal Research Communication*, 36(6): 303-313.
- Moretti A.**, G. Mulè, A. Ritieni, M. Lóday, V. Stubnya, L. Hornok, A. Logrieco. 2008. Cryptic subspecies and beauvericin production by *Fusarium subglutinans* from Europe. *International Journal of Food Microbiology*, 127: 312-315.
- Van Lancker F., A. Adams, B. Delmulle, S. De Saeger, **A. Moretti**, C. Van Peteghem, N. De Kimpe. 2008. Use of headspace SPME-GC-MS for the analysis of the volatiles produced by indoor molds grown on different substrates. *Journal of Environmental Monitoring*, 10: 1127-1133.
- Xu X.-M., P. Nicholson, M.A. Thomsett, D. Simpson, B.M. Cooke, F.M. Doohan, J. Brennan, S. Monaghan, **A. Moretti**, G. Mule, L. Hornok, E. Beki, J. Tatnell, A. Ritieni, S.G. Edwards. 2008. Relationship between the fungal complex causing *Fusarium* head blight in wheat and environmental conditions. 2008. *Phytopathology*, 98: 69-78.
- Xu X.-M., D.W. Parry, P. Nicholson, M.A. Thomsett, D. Simpson, S.G. Edwards, B.M. Cooke, F.M. Doohan, S. Monaghan, **A. Moretti**, G. Tocco, G. Mule, L. Hornok, E. Béki, J. Tatnell, A. Ritieni. 2008. Within-field variability of *Fusarium* ear blight and its associated mycotoxins. *European Journal of Plant Pathology*, 120: 21-34.

2007

- Stankovic S., J. Levic, T. Petrovic, A. Logrieco, **A. Moretti***. 2007. Pathogenicity and mycotoxin production by *Fusarium proliferatum* isolated from onion and garlic in Serbia. *European Journal of Plant Pathology*, 118:165-172. *=Corresponding author

- Moretti A.**, G. Mulè, A. Ritieni, A. Logrieco. 2007. Further data on the production of Beauvericin, Enniatins and Fusaproliferin and Toxicity to *Artemia salina* by *Fusarium* Species of *Gibberella fujikuroi* Species Complex. *International Journal of Food Microbiology*, 118: 158-163
- Proctor R.H., R.A.E. Butchko, D.W. Brown, **A. Moretti**. 2007. Functional characterization, sequence comparisons and distribution of a polyketide synthase gene required for perithecial pigmentation in some *Fusarium* species. *Food Additives and Contaminants*, 24: 1076-1087.
- Logrieco A., **A. Moretti**, G. Perrone, G. Mulè. 2007. Biodiversity of complexes of mycotoxigenic fungal species associated with *Fusarium* ear rot of maize and *Aspergillus* rot of grape. *International Journal of Food Microbiology*, 119: 11-17.

2005

- Armengol J., **A. Moretti**, G. Perrone, A. Vicent, J.A. Bengoechea, J. Garcia-Jiménez. Identification, incidence and characterization of *Fusarium proliferatum* on ornamental palms in Spain. 2005. *European Journal of Plant Pathology*, 112: 123-131.
- Xu X.-M., D.W. Parry, P. Nicholson, M.A. Thomsett, D. Simpson, S.G. Edwards, B.M. Cooke, F.M. Doohan, J.M. Brennan, **A. Moretti**, G. Tocco, G. Mule, L. Hornok, G. Giczey, J. Tatnell. 2005. Predominance and association of pathogenic fungi causing Fusarium ear blight in wheat in four European countries. *European Journal of Plant Pathology*, 112: 143-154.
- Xu X.-M., D.W. Parry, S.G. Edwards, B.M. Cooke, F.M. Doohan, A. van Maanen, J.M. Brennan, S. Monaghan, **A. Moretti**, G. Tocco, G. Mule, L. Hornok, G. Giczey, J. Tatnell, P. Nicholson, A. Ritieni. 2004. Relationship between the incidences of ear and spikelet infection of Fusarium ear blight in wheat. *European Journal of Plant Pathology*, 110: 959–971.

2004

- Mulè G., A. Susca, G. Stea, **A. Moretti**. 2004. Specific detection of the toxigenic species *Fusarium proliferatum* and *F. oxysporum* from asparagus plants using primers based on calmodulin gene sequences. *FEMS-Microbiology Letters*, 230 (2): 235-240.
- Mulè G., A. Susca, G. Stea, **A. Moretti**. 2004. A species-specific PCR assay based on the calmodulin partial gene for identification of *F. verticillioides*, *F. proliferatum* and *F. subglutinans*. *European Journal of Plant Pathology*, 110: 495-502.
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