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Curriculum vitae et studiorum

EDUCATION

- 1993 Italian University Degree in Agricultural Science. Final score: 110/110 “cum laude”
- 1996 Training in molecular biology for one year at Department of Plant Pathology, Throckmorton Hall, Kansas State University, KS, USA
- 1997 Ph.D. in Plant Genetics, defending a thesis on the identification of molecular markers linked to protein content in durum wheat

CAREER/EMPLOYMENT

September 1993 - November 1995: Ph.D. student at Plant Breeding Institute, Agricultural Faculty, University of Bari (IT) - Cytogenetic analysis of *Haynaldia villosa* - *Triticum durum* hybrids. Development of a genetic linkage map and analysis of quantitative traits in durum wheat.

December 1995 - October 1996: Ph.D. student at Department of Plant Pathology, Kansas State University, Manhattan, KS (USA) - Identification of molecular markers linked to quantitative traits by the means of bulked segregant analysis (BSA) - Genetic analysis of segregation distortion in *Triticum tauschii*.

1997: Post doctoral fellowship at Department of Biology and Plant Pathology, University of Basilicata (IT) - Genetic variation for yield traits in cultivated and wild wheats.

1998: Post doctoral fellowship at Department of Biology and Plant Pathology, University of Basilicata (IT) and IBEV - CNR, Roma (IT) - Purification of mycovirus from *Pleurotus eryngii* and molecular characterization of edible fungi by rDNA analysis.

1999: Post doctoral fellowship Plant Breeding Institute, Agricultural Faculty, University of Bari (IT). Genetic analysis of *Oidium* resistance in durum wheat and identification of molecular markers linked to resistant genes; molecular characterization of backcross inbred lines (BILs) and of near isogenic lines (NILs) in durum wheat.

2000: Researcher (temporary position) at the Institute of Sciences of Food Production (ISPA), CNR, Lecce (Italy) - Biochemical and molecular characterization of lactic acid bacteria - Analysis of gene expression during fruit ripening - Molecular fingerprinting of Mediterranean plants - Traceability of extra-virgin olive oil.

From December 2001 Researcher (permanent position) at Institute of Sciences of Food Production (ISPA CNR), Lecce, Italy.

From 2016: Member of the Wheat Initiative, Expert Working Groups: *Improving wheat quality for processing and health*; and *Durum Wheat Genomics and Breeding*.

MAJOR SCIENTIFIC INTERESTS

Biosynthetic pathway and genetic analysis of secondary metabolites in durum wheat. Characterization of plant genetic resources. Fingerprinting and bio-molecular systems for the traceability of food products.

PUBLICATIONS

Journal articles

Nigro D, **Laddomada B**, Mita G, Blanco E, Colasuonno P, Simeone R, Gadaleta A, Pasqualone A, Blanco A, 2017. Genome-wide association mapping of phenolic acids in durum wheat. *Journal of Cereal Science*, 75, 25-34.

Pasqualone A, **Laddomada B**, Centomani I, Paradiso VM, Minervini D, Caponio F, Summo C, 2017. Bread making aptitude of mixtures of re-milled semolina and selected durum wheat milling by-products. *LWT - Food Science and Technology*, 78, 151-159.

Laddomada B*, Durante M, Mangini G, D'Amico L, Lenucci MS, Simeone R, Piarulli L, Mita G, Blanco A, 2017. Genetic variation for phenolic acids concentration and composition in a tetraploid wheat (*Triticum turgidum* L.) collection. *Genetic Resources and Crop Evolution*, 64, 587-597. DOI 10.1007/s10722-016-0386-z.

Garofalo C, Arena MP, **Laddomada B**, Cappello MS, Bleve G, Grieco F, Beneduce L, Berbegal C, Spano G, Capozzi V, 2016. Starter cultures for sparkling wine. *Fermentation*, 2 (4), 21, doi:10.3390/fermentation2040021

Laddomada B*, Caretto S, Mita G, 2015. Wheat bran phenolic acids: bioavailability and stability in whole wheat-based foods. *Molecules*, 20, 15666-15685.

Laddomada B*, Durante M, Minervini F, Garbetta A, Cardinali A, D'Antuono I, Caretto S, Blanco A, Mita G, 2015. Phytochemical characterization and anti-inflammatory activity of extracts from the whole-meal flour of Italian durum wheat cultivars. *International Journal of Molecular Sciences*, 16, 3512-3527.

Pasqualone A, Delvecchio LN, Gambacorta G, **Laddomada B**, Urso V, Mazzaglia A, Ruisi P and Di Miceli G, 2015. Effect of supplementation with wheat bran aqueous extracts obtained by ultrasound-assisted technologies on the sensory properties and the antioxidant activity of dry pasta. *Natural Product Communications*, 10 (10), 1739-1742.

Laddomada B*, Del Coco L, Durante M, Presicce DS, Siciliano PA, Fanizzi FP, Logrieco AF, 2014. Volatile metabolite profiling of durum wheat kernels contaminated by *Fusarium poae*. *Metabolites*, 4, 932-945.

Laddomada B*, Colella G, Tufariello M, Durante M, Angiuli M, Salvetti G, Mita G, 2013. Application of a simplified calorimetric assay for the evaluation of extra virgin olive oil quality. *Food Research International* 54, 2062-2068.

Durante M, Lenucci MS, **Laddomada B**, Mita G, Caretto S, 2012. Effects of sodium alginate bead encapsulation on the storage stability of durum wheat (*Triticum durum* Desf.) bran oil extracted by supercritical CO₂. *Journal of Agricultural and Food Chemistry* 60 (42) 10689-95.

Ingrosso I, Bonsegna S, De Domenico S, **Laddomada B**, Blando F, Santino A, Giovinazzo G, 2011. Overexpression of a grape stilbene synthase gene in tomato induces parthenocarp and causes abnormal pollen development. *Plant Physiology and Biochemistry* 49, 1092-1099.

Fiocchetti F, **Laddomada B**, Roselli M, Crinò P, Lucretti S, 2009. Fingerprinting of Italian lentil (*Lens culinaris* Medik.) landraces using fluorescence-based AFLP. *Scientia Horticulturae* 12, 383-387.

Laddomada B*, Gerardi C, Mita G, Lumare D, Minonne F, Marchiori S, Fiocchetti F, 2008. Molecular Characterization of Apulian Fig (*Ficus carica* L.) Germplasm Collection Using Fluorescence-Based AFLP Markers. *Acta Horticulturae*, 798: 205-211.

Fiocchetti F, **Laddomada B**, Roselli M, Crinò, Lucretti S, 2009. Caratterizzazione di tre ecotipi di *Lens culinaris* Medik. mediante marcatori molecolari AFLP e I-SSR. *Italian Journal of Agronomy*. Vol. 4 (4), 327-332.

Presicce DS, Forleo A, Taurino AM, Zuppa M, Siciliano P, **Laddomada B**, Logrieco A, Visconti A, 2006. Response evaluation of an E – Nose towards contaminated wheat by *Fusarium poae* fungi, *Sensors and Actuators B*. 118: 433–438.

Leone A, Gerardi C, Leo L, **Laddomada B**, Bisson C, Valentini S, Conti A, Zacheo G, 2003. Analysis of protein expression and the production of aroma compounds during strawberry ripening. *Acta Horticulture* 626: 359-65.

Cappello MS, **Laddomada B**, Poltronieri P, Zacheo G, 2001. Characterisation of lab in typical Salento Pecorino cheese. *Meded Rijksuniv Gent Fak Landbouwkd Toegep Biol Wet.* 66(3b), 569-72.

Blanco A, Simeone R, **Laddomada B**, Pasqualone A, Troccoli A, Di Fonzo N, 2000. Variation for grain protein content and identification of QTLs by molecular markers in tetraploid wheats. In: Royo C. (ed.), Nachit M. (ed.), Di Fonzo N. (ed.), Araus J.L. (ed.). Durum wheat improvement in the Mediterranean region: New challenges. Zaragoza: CIHEAM, 2000. *Options Méditerranéennes : Série A. Séminaires Méditerranéens; n. 40*, 455-461.

Rapanà P, Dombrowska O, **Laddomada B**, De Gioia T, Galli E, Tomati U, 2000. Approccio molecolare alla caratterizzazione di specie ed isolati del genere *Pleurotus*. *Micologia Italiana* 29: 3-12. Patron Editore.

Faris JD, **Laddomada B**, Gill BS, 1998. Molecular Mapping of Segregation Distortion Loci in *Aegilops tauschii*. *Genetics*, 149: 319-327.

Blanco A, Bellomo MP, Cenci A, De Giovanni C, D'Ovidio R, Iacono E, **Laddomada B**, Pagnotta MA, Porceddu E, Sciancalepore A, Simeone R, Tanzarella OA, 1998. A genetic linkage map of durum wheat. *Theoretical and Applied Genetics* 97, 721-728.

Blanco A, De Giovanni C, **Laddomada B**, Sciancalepore A, Simeone R, Devos KM, Gale MD, 1996. Quantitative trait loci influencing grain protein content in tetraploid wheats. *Plant Breeding*, 115: 310-316.

Book chapters

Rawat N, **Laddomada B**, Gill BS, 2013. Genomics of cereal-based functional foods. In: *Cereal Genomics II*. Varshney R.K. and Gupta P.K. (Eds), pp 247-274. Springer Sciences+Business Media Dordrecht, Netherlands. DOI: 10.1007/978-94-007-6401-9_10, Book ID: 107333_2_En. ISBN: 978-94-007-6401-9.

Peer reviewed articles in Conference Proceedings

Laddomada B*, Colella G, Mita G, Ridolfi M, Scamosci M, Patumi M, Angiuli M, Ferrari C, Tombari E, Salvetti G, 2008. Un metodo calorimetrico per l'autenticazione dell'olio extra vergine d'oliva. In *Atti: Medoliva TechShop: "La tecnologia e la ricerca scientifica"*. Fiera dell'olivo mediterraneo, Arezzo 17-19 maggio 2008.

Laddomada B*, Salvetti G, Longobardi F, Mita G, 2007. Trasferimento di innovazioni tecnologiche nel settore oleario: l'esperienza del progetto AgriBIT. In "Ricerca ed innovazione per la filiera olivicolo-olearia dei Paesi del Mediterraneo", Agrilevante, Bari 18-20 Ottobre 2007, pp 9-12, F.lli Guido Arti Grafiche Edizioni, Rende (CS). ISBN 978-88-902732-5-4.

Laddomada B*, Forleo A, Francioso L, Presicce DS, Siciliano P, Taurino AM, Logrieco A, Visconti V, 2005. Grano e micotossine: valutazione della sicurezza mediante naso elettronico. *Atti del 6° Convegno AISTEC*, Valenzano, Bari, 16-18 giugno 2005, pp.169-176. ISBN 2-85352-340-3.

Abstracts in International Journals

Laddomada B*, Ingrosso I, Di Presa CA, D'Amico L, Santino A, Giovinazzo G, 2009. Biotechnological production of resveratrol in tomato improves the health properties of fruits and affects the seeds set. *New Biotechnology*, vol. 25, p. S290.

Gerardi C, Minerdo M, Bisson C, **Laddomada B**, Leo L, Leone A, Valentini S, Zacheo G, 2002. Proteome analysis of proteins expressed during ripening of strawberry fruits. *Italian Journal of Biochemistry*, 51, p. 145. ISSN: 0021-2938.

Rapanà P, **Laddomada B**, Marras F, Sisto D, Rana GL, Tomati U, 1998. Molecular Fingerprinting of *Pleurotus* and *Agaricus* Germplasm. *Journal of Plant Pathology*, 80, (3) p 263. doi: 10.4454/jpp.v80i3.826.

Conference Proceedings Abstracts

Laddomada B*, Nigro B, Pasqualone A, Delvecchio LN, Simeone R, Gadaleta A, Durante M, D'Amico L, Mita G, Blanco A, 2016. Genome-wide association mapping for phenolic acids concentration and composition in a collection of tetraploid wheats. In: Plant breeding: the art of bringing science to life. Abstracts of the 20th EUCARPIA general congress, 29 Aug-1 Sept 2016, Zurich, Switzerland. Kolliker R and Boller B (eds), Agroscope, Zurich, Switzerland, p 172. ISBN: 978-3-906804-22-4.

Laddomada B*, Nigro B, Pasqualone A, Delvecchio LN, Simeone R, Gadaleta A, Durante M, D'Amico L, Mita G, Blanco A, 2016. Genetic and genomic investigation on durum wheat phenolic acids. In: Polyphenols Communications 2016. Abstracts of the XXVIIIth International Conference on Polyphenols. July 11th-15th 2016, Wien, Austria. Groupe Polyphenols (ed) Institute of Chemical Engineering, TU Wien, Austria. T2.5, pp 296-297. ISBN: 978-3-9504017-3-8.

Nigro D, **Laddomada B**, Mita G, Zacheo S, Simeone R, Gadaleta A, Pasqualone A, Blanco A, 2016. Genome-wide association mapping of phenolic acid compounds in durum wheats. In: Proceedings of the 60th Italian Society of Agricultural Genetics Annual Congress, Alghero, Italy – 13/16 September, 2016.

Laddomada B, Durante M, Minervini F, Garbetta A, Cardinali A, D'Antuono I, Caretto S, Blanco A, Mita G, 2015. Genetic variability and anti-inflammatory properties of phenolic acids in durum wheat. In: From seeds to pasta & beyond. Bologna, 31 May, 2 June 2015 – Milan 3 June 2015.

Del Coco L, **Laddomada B**, Migoni D, Mita G, Simeone R, Fanizzi FP, 2015. Variability for grain minerals in parental lines of wheat mapping populations. In: Food to Life – IV International Conference on Foodomics, Cesena, Italy, 8-9 October 2015. Pp. 36-37. ISBN 978-88-902152-7-8.

Del Coco L, **Laddomada B**, Migoni D, Mita G, Simeone R, Fanizzi FP, 2015. Multivariate analysis of metal concentration in parental lines of wheat mapping populations. BioMet XV Workshop su Pharmaco BioMetallics. Bari, 23-24 October 201, pp. 110.

Falco V, Colella G, **Laddomada B**, Montemurro C, Mita G, 2015. Analisi genetico-molecolare di varietà di olivo presenti nel Salento. In: Recupero del germoplasma dei fruttiferi, della vite e dell'olivo pugliese. Re.Ge.Fru.P. - Re.Ge.Vi.P. - Re.Ger.O.P. Giornata di presentazione al pubblico dei risultati dei tre progetti integrati sulla Biodiversità: "Recupero del Germoplasma Frutticolo Pugliese" (ReGeFruP), "Recupero del Germoplasma Olivicolo Pugliese" (ReGerOP), "Recupero del Germoplasma Viticolo Pugliese" (ReGeViP), Locorotondo, 2 ottobre 2015.

Falco V, Colella G, **Laddomada B**, Montemurro C, Mita G, 2015. Caratterizzazione genetico-molecolare di una collezione di germoplasma olivicolo autoctono della provincia di Lecce. In: Recupero del germoplasma dei fruttiferi, della vite e dell'olivo pugliese. Re.Ge.Fru.P. - Re.Ge.Vi.P. - Re.Ger.O.P. Giornata di presentazione al pubblico dei risultati dei tre progetti integrati sulla Biodiversità: "Recupero del Germoplasma Frutticolo Pugliese" (ReGeFruP), "Recupero del Germoplasma Olivicolo Pugliese" (ReGerOP), "Recupero del Germoplasma Viticolo Pugliese" (ReGeViP), Locorotondo, 2 ottobre 2015.

Laddomada B*, Durante M, D'Amico L, Coppola C, Mangini G, Blanco A, Marrese PP, Lenucci MS, Mita G, 2014. Phenolic acid content and composition in a core collection of tetraploid wheats. In: Proceedings of the 58th Italian Society of Agricultural Genetics Annual Congress, Alghero, Italy – 15/18 September, 2014 Poster Communication Abstract 2.09. ISBN 978-88-904570-4-3.

Laddomada B*, Durante M, Caretto S, Garbetta A, D'Antuono I, Cardinali A, Minervini F, Mita G, 2013. Bioactive compounds of whole durum wheat semolina and assessment of potential anti-

inflammatory related activity on human intestinal cell line. In: Proceedings of the 57th Italian Society of Agricultural Genetics Annual Congress, Foggia, Italy, 16/19 September, 2013 Poster Communication Abstract 1.20. ISBN 978-88-904570-3-6.

Durante M, Bramato S, Mita G, Blanco A, **Laddomada B***, 2013. Phytochemical composition of durum wheat whole flour. International Symposium - GENETICS AND BREEDING OF DURUM WHEAT, Rome, May 27-30, 2013, p. 177.

Laddomada B*, Delvecchio LN, Durante M, Mangini G, Mita G, Blanco A, Pasqualone A, 2012. Variability of phenolic substances content in Italian durum wheat. In: Proceedings of the 56th Italian Society of Agricultural Genetics Annual Congress Perugia, Italy – 17/20 September, 2012. Poster Communication Abstract 6.12. ISBN 978-88-904570-1-2.

De Domenico S, Ingrosso I, Bonsegna S, D'Amico L, Blando F, **Laddomada B**, Santino A, Giovinazzo G, 2010. Biotechnological production of resveratrol in tomato plants: effects on the nutritional value of fruits and seeds set. Riunione annual dei gruppi di lavoro di: Biologia cellulare e molecolare, Biotechnologie e Differenziamento, della Società Botanica Italiana. Lecce, Italy, 16 giugno 2010.

Logrieco AF, Blando F, Capone S, Cappello MS, Carluccio MA, Cozzi G, D'Amico L, Di Paola L, Distante C, Epifani F, Epifani M, Francioso L, Gallo A, Giovinazzo G, Grieco F, **Laddomada B**, Mulè G, Panico E, Perrone G, Ricci V, Santino A, 2009. INNOWINE: Innovative biotechnological approaches to improve quality and safety of typical Apulian wines. In II International Symposium "Wine Microbiology and Safety: from the vineyard to the bottle (Microsafetywine), Martina Franca, (TA), Italy.

Ingrosso I, **Laddomada B**, Bonsegna S, Blando F, Paradiso A, D'Amico L, De Paolis A, Santino A, Giovinazzo G, 2009. Towards Quality Improvement and Male Sterility in Tomato: a Stilbene Synthase Strategy to Genetically modify Flavonoid Pathway. Proceedings of 53rd Annual Congress of Italian Society of Agricultural Genetics (SIGA). Torino, 16-19 September 2009. P.3.17. ISBN 978-88-900622-9-2.

Ingrosso I, D'Amico L, **Laddomada B**, Santino A, Giovinazzo G, 2009 Production and delivery of *V. vinifera* L secondary metabolites with bioactive properties. Proceedings of 53rd Annual Congress of Italian Society of Agricultural Genetics (SIGA). Torino, 16-19 September 2009. P. 3.15. ISBN 978-88-900622-9-2.

Fiocchetti F, **Laddomada B**, Roselli M, Crinò P, Lucretti S, 2006. Genetic relationships among lentil (*Lens culinaris*, Medik.) local populations assessed by AFLP and I-SSR. Proceedings of the 50th Italian Society of Agricultural Genetics Annual Congress, Ischia 10/14 September 2006. Poster Abstract A.65. ISBN 88-900 622 -7- 4.

Fiocchetti F, **Laddomada B**, Roselli M, Crinò P, Lucretti S, 2006. Caratterizzazione di tre ecotipi di *Lens culinaris* Medik. mediante marcatori molecolari AFLP e I-SSR. Poster 3^o Convegno nazionale delle piante mediterranee "Le Piante Mediterranee nelle Scelte Strategiche per l'Agricoltura e l'Ambiente", Bari, Fiera del Levante, 27 settembre - 1 ottobre, p 65.

Lumare D, **Laddomada B**, Mita G, Marchiori S, Minonne F, Logrieco A, 2005. AFLP fingerprinting of Italian *Ficus carica* L. cultivars. III International Symposium on Fig, Vilamoura, Portugal, 16-20 May 2005. J. Leitão and M.A. Neves Eds. ISSN: 0567-7572

Laddomada B*, Papadia P, Del Coco L, Mita G, Fanizzi FP, 2008. Caratterizzazione bio-molecolare di cultivar di olivo autoctone del Salento e analisi NMR dei relativi oli monovarietal. Abstract in: Atti VIII Congresso Annuale Biodiversità, Lecce, 21-23 aprile 2008, p. 35.

Laddomada B*, Salvetti G, Longobardi F, Mita G, 2007. Trasferimento di innovazioni tecnologiche nel settore oleario: l'esperienza del progetto AgriBIT. Poster in Convegno Progetto RIOM, Agrilevante, Bari 18-20 Ottobre 2007.

Forleo A, Francioso L, Presicce DS, Siciliano P, Taurino AM, **Laddomada B**, Logrieco A., Visconti A., 2005. Mycotoxin detection in wheat by means of an electronic nose. X Conferenza Annuale Associazione Italiana Sensori e Microsistemi, Firenze, 15-17 febbraio 2005.

Laddomada B, Bellomo MP, Zacheo G, 2003. Isolation of ripening-induced cDNA from wild and cultivated strawberries. COST 836 FINAL WORKSHOP INTEGRATED BERRY PRODUCTION. Ancona, 9-11 October 2003.

Laddomada B*, Leo L, Pirandola P, Gerardi C, Leone A, Savini G, Neri D, Zacheo G, 2002. Identification of biomarkers associated with strawberry fruit quality. In: Proceedings of the XLVI Italian Society of Agricultural Genetics - SIGA Annual Congress. Giardini Naxos, 18-21 September, 2002, ISBN: 88-900622-3-1.

Gerardi C, **Laddomada B**, Leo L, Leone A, Pirandola P, Zacheo G, 2002. Aroma di fragola: analisi molecolare, biochimica e studio proteomico. In Acts: 97° Meeting SIB, Lecce, 24-27 settembre, p. 50.

Leone A, Quarta R, Gerardi C, **Laddomada B**, Leo L, Martelli G, Zacheo G, 2001. Lipoxygenase activity and proteomic analysis in ripening strawberry. In: Atti del 5° Congresso Nazionale Biotecnologie. L'Aquila, 13-15 Settembre 2001, p. 33.

Gerardi C, Leone A, **Laddomada B**, Leo L, Bisson C, Dellavalle G, Giuffrida MG, Barelo C, Zacheo G, 2001. Analysis of protein expression during ripening in strawberry fruits (*Fragaria x ananassa* Duch, cv Pajaro) by proteoma methods. In: Atti del XL Congresso Annuale della Società Italiana di Fisiologia Vegetale. Abano Terme (Padova), 17-19 Settembre 2001, abstract 27/b.

Cappello MS, **Laddomada B**, Poltronieri P., Zacheo G, 2001. Characterization of LAB in typical Salento's Pecorino cheese. Poster, 15th Forum for Applied Biotechnology, 24-25 September 2001, Gent, Belgium.

Simeone R, **Laddomada B**, Signorile M, Simonetti MC, Blanco A, 1999. Powdery mildew resistance in the wild tetraploid wheat var. *dicoccoides*. In Acts: COST ACTION 817 Workshop on "Disease resistance and cereal leaf pathogens behind the year 2000. Martina Franca, 11-12 novembre, 1999. p 51.

Rapanà P, **Laddomada B**, Marras F, Sisto D, Rana GL, Tomati U, 1998. Caratterizzazione molecolare di una collezione di germoplasma di *Pleurotus* e *Agaricus*. In Atti: VI Convegno Annuale S.I.Pa.V., Campobasso, 17-18 Settembre 1998. pp. 57.

Rapanà P, **Laddomada B**, Dombrowska O, Rana GL, 1998. Restriction Polymorphisms of Ribosomal Mitochondrial DNA of the Genus *Pleurotus*. In Acts of : XV EUCARPIA 1998 General Congress. Viterbo, Italy, September 20-25, 1998, pp. 113.

Laddomada B, Gill KS, Boiko EV, Faris JD, Blanco A, Gill BS, 1996. Sex, segregation and recombination in *Triticum tauschii*. In: Joint Proceedings 5th and 6th Public workshops of the International Triticeae Mapping Initiative, pp 178.

Blanco A, De Giovanni C, **Laddomada B**, Sciancalepore A, Simeone R, 1996. Mappatura di QTL per la qualità del frumento duro. In: Acts of the XL Meeting SIGA. Perugia, 18-21 September 1996. pp. 140.

Laddomada B, Colella C, Carluccio S, De Giovanni C, Sciancalepore A, Simeone R, Blanco A, 1995. RFLP analysis of genomic regions associated with heading time in durum wheat. In: Acts of the I National Meeting on Biotechnologies, pp 50-51.

Blanco A, De Giovanni C, **Laddomada B**, Sciancalepore A, Simeone R, 1995. Identificazione e mappatura di QTLs per il contenuto delle cariossidi di frumento duro mediante analisi RFLP. In: Acts of the XXXIX Meeting S.I.G.A., Vasto Marina, 27-30 September 1995. pp. 44-45.

Blanco A, De Giovanni C, **Laddomada B**, Sciancalepore A, Simeone R, 1995. Quantitative trait loci influencing grain protein content in tetraploid wheats. In: Joint Proceedings 5th and 6th Public workshops of the International Triticeae Mapping Initiative, pp 158.

Simeone R, De Giovanni C, **Laddomada B**, Sciancalepore A, Blanco A, 1995. Mapping of durum wheat. In: Joint Proceedings 5th and 6th Public workshops of the International Triticeae Mapping Initiative, pp 168-169.

Sciancalepore A, De Giovanni C, **Laddomada B**, Simeone R, Blanco A, 1995. Analisi RFLP di regioni genomiche associate al volume di sedimentazione in frumento duro. In: Acts of the VI *Simposium* on Biochemical Biotechnologies, pp 23-24.

Porceddu E, Blanco A, Cenci A, De Giovanni C, D'ovidio R, Figliuolo G, **Laddomada B**, Pagnotta M, Sciancalepore A, Simeone R, Spagnoletti Zeuli PL, Tanzarella OA, 1995. Italian durum wheat mapping group. In: Joint Proceedings 5th and 6th Public workshops of the International Triticeae Mapping Initiative, pp. 167.

Simeone R, De Giovanni C, **Laddomada B**, Sciancalepore A, Blanco A, 1994. Mappatura di loci RFLP in frumento duro. In: Acts of the XXVII Meeting S.I.G.A., Udine, 3-6 ottobre, pp. 190.

Invited Talks and Seminars

Laddomada B, 2015. Risorse genetiche e miglioramento della qualità del frumento duro. Fascination of Plants Day, 18 Maggio 2015. Museo dell'Ambiente, Campus universitario ECOTEKNE, LECCE.

Laddomada B, 2012. Miglioramento genetico del frumento duro per il contenuto in composti bioattivi nella granella, Corso di Laurea Magistrale in Biologia - Nutrizione Umana – *Materia d'esame* "Metodi molecolari per l'analisi e la produzione di alimenti" Università del Salento, Lecce, 30 novembre 2012.

Laddomada B, 2008. Sistemi innovativi per la tracciabilità della filiera olivicolo-olearia pugliese. Workshop: Ricerca Applicata al Miglioramento genetico e alla qualità delle produzioni agricole esperienze a confronto, 8 giugno 2008, Rende (CS).

Laddomada B, 2003. Studio dell'espressione di geni coinvolti nel processo di maturazione della fragola. Ciclo di Seminari per il Dottorato di Ricerca "Miglioramento genetico e patologia delle piante

agrarie e forestali". Coordinatore: Prof. Antonio Blanco. Facoltà di Scienze Biotecnologiche. Università degli Studi di Bari "Aldo Moro".

Laddomada B, 2003. Molecular cloning of a strawberry lipoxygenase and its transcription levels during fruit ripening. VII Executive Program of Cooperation in the fields of science and technology between the government of Italy and Japan for the period 2002-2006". Project title: "Strawberry fruit quality: genetic and physiological background". Dipartimento di Scienze Agrarie, Alimentari e Ambientali. Università delle Marche.

Laddomada B, Leone A, Gerardi C, Leo L, Verdesca I, Zacheo G, 2003. Studio degli eventi biochimici e molecolari nel processo di maturazione dei frutti di fragola, ORTOMAC, Cesena, 4 dicembre 2003.