

PROF. VALERIA NEGRI CURRICULUM VITAE (2022)

UNIVERSITY DEGREES:

- *Laurea in Agricultural Science (1978), magna cum laude, University of Perugia (UNIPG), (Carbohydrate storage in two contrasting population of Lolium perenne L.)*
- *Dottorato di Ricerca (Ph.D) in Productivity of Crop Plants (1987), Italian Ministry of University and Scientific Research (Lotus corniculatus L: utilisation perspectives and breeding problems)*

SPECIFIC COURSES ATTENDED:

- *'Collection, characterization and utilization of genetic resources of temperate forage grasses and clover'. Welsh Plant Breeding Station, Aberysthwyth (GB), IBPGR, ECP/GR. (1984)*
- *'FLAD (The Luso-American Foundation) / NSF (National Science Foundation) International Bioethics Institute For Life Science Faculty Members', Lisbon, Portugal 27 June - 4 July, 2002*

WORKING EXPERIENCE:

- *Research Fellow(fellowship awarded by the Accademia Nazionale dei Lincei for joining the research work of Dr. D. Wilson) at the Welsh Plant Breeding Station of Aberysthwyth (GB) (1979-1980).*
- *Free lance for Istituto di Miglioramento Genetico Vegetale, UNIPG (1981-1982).*
- *Ph.D student at the same Institute (1983-1986)*
- *Associate professor from 1987*
- *Present position: Associated professor at the Dipartimento di Scienze Agrarie, Alimentari e Ambientali (DSA3) (Department of Agricultural, Food and Environmental Sciences) of UNIPG.*

COURSES GIVEN:

- *Forest Tree Breeding, University of Turin, 1986/87-1990/91;*
- *Plant Genetics (temporary), University of Ancona 1989/90 - 1990/91;*
- *Agricultural Genetic Resources, Genetics of Seed Production, Breeding of Medicinal Plants, Biodiversity and Integrated Pest Control, Genetics and Plant Breeding II, Population genetics and evolution, Biodiversity conservation and management, Genetics, University of Perugia from Academic Year 1991/92 to present.*
- *Professor in the Dottorato di Ricerca courses 'Studio, conservazione e valorizzazione della biodiversità', University of Ancona (1998-2001), and 'Biologia vegetale e biotecnologie agroambientali' and 'Agricultural, food and environmental sciences and biotechnologies' UNIPG (2000-on),*
- *Teacher in the Intensive Program 'Bioéthique en science de la vie e de l'environnement' funded by the European Union (n. 2006-2154, n. project 218726-IC-1-2005-1-FR-ERASMUS-IPUC-1, Prof. Jean Marc Fraslin, Agrocampus - Rennes FR, coordinator)*

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

SIGA (Italian Society of Agricultural Genetics), EUCARPIA (European Association for Research on Plant Breeding, till 2017), EURSAFE (European Society for Agriculture and Food Ethics, till 2012).

OTHERS:

- *Chairperson of the 'On farm Conservation and Management Working Group' of the 'In situ-on farm Conservation Network in the European Cooperative Program for Plant Genetic Resources (ECPGR)_ Bioversity International (2000 – present),*
- *Member of the 'Forage Working Group' of ECPGR_ Bioversity International (1996– present)*
- *On-farm Italian Inventory Focal Point for ECPGR_ Bioversity International (2008 – present)*
- *The World Conservation Union (International Union for Conservation of Nature and Natural Resources IUCN) Species Survival Commission (SSC) Crop Wild Relative Specialist Group (CWRSG) (Sett.2006 on)*
- *UNIPG_DSA3 ITA363 Germplasm Bank curator.*

MAIN SCIENTIFIC INTERESTS:

Landrace and crop wild relative conservation (in situ and ex situ systems, monitoring, collection & characterization of germplasm, techniques of germplasm conservation, evaluation of genetic diversity). Population genetics. Ethic topics in biodiversity conservation. Breeding systems, pulses, neglected crops, forages.

RESEARCH ACTIVITIES

PUBLICATIONS: 217

H 24, Citations 1575 (Scopus), Orcid <https://orcid.org/0000-0003-2941-121X>

INTERNATIONAL RESEARCH GRANTS OBTAINED

- 2007 - 2011 'An integrated European in situ management workplan: implementing genetic reserves and on farm concepts (AEGRO)', EC project 057 AGRI GEN RES 870/2004 contract n. AGRI-2006-0396, (coordinator Dr. Lothar Frese, Federal Center for Breeding Research on Cultivated Plants, Quedlinburg, DE). Role: Workpackage Leader.
- 2008-2009 'Sharing information on On farm - in garden research and coordination Institutions and their contact points: a web available database. Convenzione fra Bioversity International (Maccarese, Roma) e Dipartimento di Biologia Applicata, International project code 7203EU-F09017 (contact person for Bioversity International: Dr. J. Engels).
- 2010-2014 'Strategies for Organic and Low-input Integrated Breeding And Management (SOLIBAM)' EC FP7-KBBE-2009-3 (coordinator Dr. Veronique Chable, INRA, Rennes, FR), GA n. 245058. Role: Partner.
- 2011-2013 'Novel characterization of crop wild relative and landrace resources as a basis for improved crop breeding' PGR-SECURE EC FP-KBBE-2010-103 (coordinator Prof. N. Maxted, University of Birmingham, UK), GA 266394. Role: Workpackage Leader.
- 2017-2020 'Networking, partnership and tools to enhance in situ conservation of European plant genetic resources' (FARMERS PRIDE) H2020-SFS-2017-1, Topic: SFS-04-2017, GA774271, coord. N. Maxted, University of Birmingham, Role: Workpackage Leader.

RECENT PUBLICATIONS (in English):

- SPATARO G., TAVIANI P., **NEGRI V.** 2007 - Genetic variation and population structure in Eurasian collection of *Isatis tinctoria* L. Genetic Resources and Crop Evolution, 54:573-584. ISSN: 0925-9864 (Paper) 1573-5109 (Online) DOI: 10.1007/s10722-006-0014-4
- **NEGRI V.** 2007 - Ethical Issues In Agro-Biodiversity Conservation. In 'Bioethics in life and environmental sciences' (Jean-Marc Fraslin coord), Brumar, Timisoara, pp 169-179. ISBN 978-973-602-252-4
- **NEGRI V.**, BRANCA F., CASTELLINI G. 2007 - Integrating wild plants and landrace conservation in farming systems: a perspective from Italy. In Crop Wild Relatives (N Maxted et al eds) First International Conference on Crop Wild Relative Conservation and Use, Agrigento, Sicily, Italy – 14-17 September 2005. CABI publ. Wallingford, UK pp 392-402.
- SPATARO G., **NEGRI V.** 2008 (online 2007) - Assessment of *Isatis tinctoria* L. reproductive system. Euphytica 159:229–231 DOI 10.1007/s10681-007-9479-2
- TIRANTI B., **NEGRI V.** 2007 - Selective micro-environmental effects play a role in shaping genetic diversity and structure in a *Phaseolus vulgaris* L. landrace: implications for on-farm conservation. Molecular Ecology 16: 4942-4955. DOI 10.1111/j.1365-294X.2007.03566.x.
- MAZZUCATO A., PAPA R., BITOCCHI E., MOSCONI P., NANNI L., **NEGRI V.**, PICARELLA E.M., SILIGATO F., SORESSI G.P., TIRANTI B., VERONESI F. 2008 (on line 2007) - Genetic diversity, structure and marker-trait associations in a collection of tomato (*Solanum lycopersicum* L.) Italian landraces. Theoretical and Applied Genetics 116: 657-669. DOI 10.1007/s00122-007-0699-6
- SPATARO G., **NEGRI V.** 2008 (Online2007) - Adaptability and variation in *Isatis tinctoria* L.: a new crop for Europe. Euphytica 163: 89-102. DOI 10.1007/s10681-007-9604-2
- **NEGRI V.**, N. MAXTED AND VETELAINEN, M. 2009 - European landrace conservation: an introduction. In: (Vetelainen, M., Negri V. and N. Maxted eds.) 'European Landraces: On-farm Conservation, Management and Use'. Bioversity Technical Bulletin No. 15, Bioversity International, Bioversity International publ., Rome, Italy, pp 1-22 ISBN 978-92-9043-805-2, also available at [http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1\[showUId\]=3252](http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1[showUId]=3252)
- MAXTED N., **NEGRI V.**, VETELAINEN, M 2009 - Landrace Inventories: Needs and Methodologies. In: (Vetelainen, M., Negri V. and N. Maxted eds.) 'European Landraces: On-farm Conservation, Management and Use'. Bioversity Technical Bulletin No. 15, Bioversity International publ., Rome, Italy, pp 45-52 ISBN 978-92-9043-805-2, also available at [http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1\[showUId\]=3252](http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1[showUId]=3252)
- PORFIRI O., COSTANZA M.T., **NEGRI V.** 2009 – Landrace Inventories in Italy and the Lazio Region Case Study. In: (Vetelainen, M., Negri V. and N. Maxted eds.) 'European Landraces: On-farm Conservation, Management and Use'. Bioversity Technical Bulletin No. 15, Bioversity International publ., Rome, Italy, pp

- 117-123 ISBN 978-92-9043-805-2, also available at [http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1\[showUId\]=3252](http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1[showUId]=3252)
- **NEGRI V.** 2009 - 'Fagiolina' (*Vigna unguiculata* subsp. *unguiculata* (L) Walp.) from Trasimeno Lake (Umbria Region, Italy): a case study. In: (Vetelainen, M., Negri V. and N. Maxted eds.) 'European landrace conservation', Bioversity Technical Bulletin No. 15, Bioversity International publ., Rome, Italy, pp 177-182 ISBN 978-92-9043-805-2, also available at [http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1\[showUId\]=3252](http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1[showUId]=3252)
 - LORENZETTI F., **NEGRI V.** 2009 - The European seed legislation on conservation varieties. In: (Vetelainen, M., Negri V. and N. Maxted eds.) 'European Landraces: On-farm Conservation, Management and Use'. Bioversity Technical Bulletin No. 15, Bioversity International publ., Rome, Italy, pp 287-295 ISBN 978-92-9043-805-2, also available at [http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1\[showUId\]=3252](http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1[showUId]=3252)
 - LORENZETTI F, LORENZETTI S., **NEGRI V.** 2009 - The Italian law on conservation varieties and the National implementation of the EU Directive 2008/62 EC In: (Vetelainen, M., Negri V. and N. Maxted eds.) 'European Landraces: On-farm Conservation, Management and Use'. Bioversity Technical Bulletin No. 15, Bioversity International publ., Rome, Italy, pp 300-304 ISBN 978-92-9043-805-2, also available at [http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1\[showUId\]=3252](http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1[showUId]=3252)
 - VETELAINEN, M MAXTED N., **NEGRI V.** 2009 - An European Strategic Approach to Conserving Crop Landraces. In: (Vetelainen, M., Negri V. and N. Maxted eds.) 'European Landraces: On-farm Conservation, Management and Use'. Bioversity Technical Bulletin No. 15, Bioversity International publ., Rome, Italy, pp 305-325 ISBN 978-92-9043-805-2 also available at [http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1\[showUId\]=3252](http://www.bioversityinternational.org/index.php?id=19&user_bioversitypublications_pi1[showUId]=3252)
 - **NEGRI V.** 2009 - Possible incentives to home garden maintenance: comparing possibilities and raising awareness among farmers. In (Bailey A., Eyzaguirre P., Maggioni L., eds) Crop Genetic Resources in European Home Gardens, Proc. of the ECP/GR _ Bioversity International related Workshop, Ljubliana, (SI) October 3-4, 2007. Bioversity International, Rome, I, pp 72-80 ISBN 978-92-9043-810-6
 - **NEGRI V.,** POLEGRI L. 2009 - Genetic diversity in home gardens in Umbria: a cowpea case study. In (Bailey A., Eyzaguirre P., Maggioni L., eds) Crop Genetic Resources in European Home Gardens, Proc. of the ECP/GR _ Bioversity International related Workshop, Ljubliana, (SI) October 3-4, 2007. Bioversity International, Rome, I, pp 55-61 ISBN 978-92-9043-810-6
 - GALLUZZI G., EYZAGUIRRE P., **NEGRI V.** 2009 - Uncovering European home gardens. their human and biological features and possible contribution to the conservation of agro-biodiversity. In (Bailey A., Eyzaguirre P., Maggioni L., eds) Crop Genetic Resources in European Home Gardens, Proc. of the ECP/GR _ Bioversity International related Workshop, Ljubliana, (SI) October 3-4, 2007. Bioversity International, Rome, I, pp 8-10 ISBN 978-92-9043-810-6
 - POLEGRI L., **NEGRI V.** – 2010 Molecular markers for promoting agro-biodiversity conservation: a case study from Italy. How cowpea landraces were saved from extinction. Genetic Res Crop Evol. **57:** 867-880 DOI: 10.1007/s10722-009-9526-z
 - ANGIOI S.A., RAU D., ATTENE G., NANNI L., BELLUCCI E., LOGOZZO G., **NEGRI V.,** SPAGNOLETTI ZEULI P.L., PAPA R. 2010 - Beans in Europe: origin and structure of the European landraces of *Phaseolus vulgaris* L. Theoretical Applied Genetics. DOI 10.1007/s00122-010-1353-2.
 - **NEGRI V.,** TIRANTI B.,- 2010 Effectiveness of *in situ* and *ex situ* conservation of crop diversity. What a *Phaseolus vulgaris* L. landrace case study can tell us. Genetica 138, Issue 9: 985_998 DOI: 10.1007/s10709-010-9485-5
 - GALLUZZI G., EYZAGUIRRE P., **NEGRI V.** 2010 - Home gardens: neglected hotspots of agro-biodiversity and cultural diversity. Biodiversity and Conservation 19: 3635-3654, DOI 10.1007/s10531-010-9919-5
 - GALLUZZI G., **NEGRI V.** 2010 - Contribution of backyard gardens to conservation of biological and cultural diversity and to human well- being. Acta Horticulturae (ISHS) 881:179-183 ISBN978-90-66056-43-5, ISSN 0567-7572, http://www.actahort.org/books/881/881_22.htm
 - SPATARO G., TIRANTI B., ARCALENI P., BELLUCCI E., ATTENE G., PAPA R., SPAGNOLETTI ZEULI P., **NEGRI V.,** 2011 - Genetic diversity and structure of a worldwide collection of *Phaseolus coccineus* L. Theoretical and Applied Genetics 122: 1281 — 1291 DOI 10.1007/s00122-011-1530-y
 - MAXTED N., Z.I. AKPAROV, M. ARONSSON, Å. ASDAL, A. AVAGYAN, B. BARTHA, D. BENEDIKOVÁ, T. BERISHVILI, R. BOCCI, J. COP, T. CURTIS, K. DAUGSTAD, S. DIAS, M.C. DUARTE, S. DZMITRYEVA, J. ENGELS, N. FERANT, P. FREUDENTHALER, L. FRESE, R. HADAS, L. HOLLY, A. IBRALIU, J.M. IRIONDO ALEGRÍA, S. IVANOVSKA, C. KIK, H. KORPELAINEN, T. JINJIKHADZE, G.

KAMARI, S.P. KELL, K. KRISTIANSEN, A. KYRATZIS, J. LABOKAS, L. MAGGIONI, J. MAGOS BREHM, E. MALOUPA, J.J.R. MARTINEZ, P.M.R. MENDES MOREIRA, M. MUSAYEV, P. ORPHANIDOU, M. RADUN, P. RALLI, D. SANDRU, K. SARIKYAN, B. SCHIERSCHER-VIRET, Z. STEHNO, T. STOILOVA, S. STRAJERU, T. SMEKALOVA, A. TAN, G. VOROSVARY, M. VETELÄINEN, R. VÖGEL and **V. NEGRI** 2012 - Current and future threats and opportunities facing European crop wild relative and landrace diversity. In: Maxted, N., Dulloo, M.E., Ford-Lloyd, B.V., Frese, L., Iriondo, J.M. and Pinheiro de Carvalho, M.A.A. (eds). *Agrobiodiversity Conservation: Securing the Diversity of Crop Wild Relatives and Landraces*. CAB International, Wallingford, UK. pp 333-353.

- **NEGRI V.**, BAROCCO R., PACICCO L., VERONESI F. VENANZONI R.. 2012 - An Approach Towards Prioritising Landrace Rich Areas as A Priority For Protection. In Europe. In: Maxted, N., Dulloo, M.E., Ford-Lloyd, B.V., Frese, L., Iriondo, J.M. and Pinheiro de Carvalho, M.A.A. (eds). *Agrobiodiversity Conservation: Securing the Diversity of Crop Wild Relatives and Landraces*. CAB International, Wallingford, UK. pp 118-124.
- **NEGRI V.**, FASEOULA D., HEINONEN M., HOLUBEC V., MUSAYEV M, SPATARO G., VETELAINEN M., VOGEL R., 2012 -The European Of Farm Conservation Activities: An Update. In: Maxted, N., Dulloo, M.E., Ford-Lloyd, B.V., Frese, L., Iriondo, J.M. and Pinheiro de Carvalho, M.A.A. (eds). *Agrobiodiversity Conservation: Securing the Diversity of Crop Wild Relatives and Landraces*. CAB International, Wallingford, UK. pp 327- 332.
- VETELAINEN M., **NEGRI V.**, MAXTED N. 2012 - A second look at the European Strategic Approach to Conserving Crop Landraces. In: Maxted, N., Dulloo, M.E., Ford-Lloyd, B.V., Frese, L., Iriondo, J.M. and Pinheiro de Carvalho, M.A.A. (eds), *Agrobiodiversity Conservation: Securing the Diversity of Crop Wild Relatives and Landraces*. CAB International, Wallingford, UK. pp 181-185.
- FRESE L., BJØRN G.K., BRANCA F., FORD-LLOYD B.V., GERMEIER C.U., IRIONDO J., KATSIOTIS A, KELL S., MAXTED N., **NEGRI V.**, PINHEIRO DE CARVALHO M. 2012 - Genetic reserve conservation of European crop wild relative and landrace diversity. In: Maxted, N., Dulloo, M.E., Ford-Lloyd, B.V., Frese, L., Iriondo, J.M. and Pinheiro de Carvalho, M.A.A. (eds). *Agrobiodiversity Conservation: Securing the Diversity of Crop Wild Relatives and Landraces*. CAB International, Wallingford, UK. pp1-8.
- **NEGRI V.** 2012 – Policies supportive of on-farm conservation and their impact on custodians farmers in Italy. In: Padulosi S., Bergamini N. and Lawrence T. (eds.), *On farm conservation of neglected and underutilized species: status, trends and novel approaches to cope with climate change*. Proceedings of an International Conference, Frankfurt, 14-16 June 2011. Bioersivity International, Rome, pp. 211-216. ISBN 978-92-9043-907-3
- LANDUCCI, F., PANELLA, L., GIGANTE, D., DONNINI, D., VENANZONI, R., TORRICELLI, R. and **NEGRI, V.** 2012 Floristic and vegetation databases as tools for CWR surveys: a case study from Central Italy. *Crop Wild Relative* 8 (April 2012): 22-23, ISSN 1742-3694 (Online) (available from http://www.pgrsecure.bham.ac.uk/sites/default/files/documents/newsletters/CWR_Issue_8.pdf)
- Molecular Ecology Resources Primer Development Consortium, ANDRIS M., ARIAS M.C., BARTHEL B.L., BLUHM B.H., BRIED J., CANAL D., CHEN X.M., CHENG P., CHIAPPERO M.B., COELHO M.M., COLLINS A.B., DASH M., DAVIS M.C., DUARTE M., DUBOIS M.P., FRANCOSE E., GALMES M.A., GOPAL K., JARNE P., KALBE M., KARCZMARSKI L., KIM H., MARTELLA M.B., MCBRIDE R.S., NEGRI V., NEGRO J.J., NEWELL A.D., PIEDADE A.F., PUCHULUTEGUI C., RAGGI L., SAMONTE I.E., SARASOLA, J.H., SEE D.R., SEYOUM S., SILVA M.C., SOLARO C., TOLLEY K.A., TRINGALI M.D., VASEMAGI A., XU L.S., ZANON-MARTINEZ J.I. **2012** - Permanent Genetic Resources added to Molecular Ecology Resources Database 1 February 2012 – 31 March 2012. *Molecular Ecology Resources* 12, 4: 779-781 DOI: 10.1111/j.1755-0998.2012.03155.x ISSN: 1755-098X, IF (2011) 3.062
- PANELLA L., GIGANTE D., DONNINI D., VENANZONI R., **NEGRI V.** 2012 - Progenitori selvatici e forme coltivate di Apiaceae, Chenopodiaceae, Poaceae e Rosaceae: primi risultati per il territorio dell'Umbria (Italia Centrale). *Quaderni Botanica Ambientale ed Applicata* 23: 3-13. ISSN 1121-3752
- **NEGRI V.**, MAXTED N., TORRICELLI R., HEINONEN M., VETELAINEN M., DIAS S. 2012 - Descriptors For Web-Enabled National In Situ Landrace Inventories. Pp 18 ISBN 978 88 87652 27 7 (also available at: www.pgrsecure.bham.ac.uk/sites/default/files/documents/helpdesk/LRDESCRIPTORS_PGRSECURE.pdf)
- **NEGRI V.**, MAXTED N., 2012 - PGR Secure Work package 4 'Landrace conservation': introduction and present achievements. *Landraces, Issue1: 8-9* ISSN: 2281-2067 (Online) (available from http://www.pgrsecure.bham.ac.uk/sites/default/files/documents/newsletters/Landraces_Issue_1.pdf)

- **NEGRI V., TORRICELLI R.** 2012 - Conservation strategies for European crop wild relative and landrace diversity: a joint PGR Secure/ECPGR workshop. Landraces, Issue1: 10-13 ISSN: 2281-2067 (Online) (available from http://www.pgrsecure.bham.ac.uk/sites/default/files/documents/newsletters/Landraces_Issue_1.pdf)
- **NEGRI V.** 2012 - Towards an Italian inventory of landrace diversity. Landraces, Issue1: 14-15 ISSN: 2281-2067 (Online) (available from http://www.pgrsecure.bham.ac.uk/sites/default/files/documents/newsletters/Landraces_Issue_1.pdf)
- **TORRICELLI R., TIRANTI B., SPATARO G., CASTELLINI G., ALBERTINI E., FALCINELLI M., NEGRI V.** 2013 (on line 2012) - Differentiation and structure of an Italian landrace of celery (*Apium graveolens* L.): inferences for on farm conservation. Genetic Resources and Crop Evolution: 60:995–1006 doi: 10.1007/s10722-012-9896-5 Impact Factor (2011): 1.554
- **RAGGI L., TIRANTI B., NEGRI V.** 2013 (on line 2012) - Italian common bean landraces: diversity and population structure. Genetic Resources and Crop Evolution, 60: 1515-1530 DOI 10.1007/s10722-012-9939-y IF (2012) 1.593
- **RODRIGUEZ M., RAU D., ANGIOI S., BELLUCCI E., BITOCCHI E., NANNI L., KNÜPFER H., NEGRI V., PAPA R., ATTENE G.** 2013 - The European *Phaseolus coccineus* L. landraces: population structure and adaptation, as revealed by of cpSSRs, nuSSRs and phenotypic analyses. PLoS ONE 8(2): e57337. doi:10.1371/journal.pone.0057337 IF (5years) 4.09, IF (2012) 3.73
- Molecular Ecology Resources Primer Development Consortium, **AKSOY S., ALMEIDA-VAL V.H.F., AZEVEDO V.C.R., BAUCOM R., BAZAGA P., BEHEREGARAY L.B., BENNETZEN J.L., BRASSALOTI R.A., BURGESS T.I., CACCONE A., CHANG S-M., CIAMPI A.Y., CIANCALEONI S., CLIMACO G., CLOUET C., COIMBRA M.R.M., COUTINHO L.L., DANTAS H.L., DE VEGA C., ECHODU R., ENYARU J., FIGUEIRA A., FILHO M.A.G., FOLTZ B., FRESSIGNE L., GADOMSKI M., GAUTHIER N., HERRERA C.M., HYSENI C., JORGE E.C., ZKACZMARCZYK D., KNOTT E., KUESTER A., LIMA A.P.S., LIMA M.A., LIMA M.P., LONGO A.L.B., LOR G., MAGGIONI R., MARQUES TS, MARTINS AR, MATOSO DA, MEDRANO M, MENDONCA M A C, METTLER R, NASCIMENTO P.R.M., **NEGRI V., OLIVEIRA K.K.C., OLIVEIRA L.O., OVCARENKO I., PAULA-SILVA M.N., RAGGI L., SANDOVAL-CASTILLO J., ANJOS SANTOS C.H., MARTINSCHAEFER H., SEGELBACHER G., SEINO M.M., SISTROM M., TAOLE M.M., TESKE P.R., TSAGKARAKOU A., VERDADE L.M., VILLELA P.M.S., VINSON C.C., WINGFIELD B.D., WINGFIELD M.J.** – 2013 Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2012–30 November 2012. Molecular Ecology Resources 13: 341–343 doi: 10.1111/1755-0998.12061 IF (2012) 7.432.**
- **SPATARO G., NEGRI V.** 2013 - The European seed legislation on conservation varieties: focus, implementation, present and future impact on landrace on farm conservation. Genetic Resources and Crop Evolution 60: 2421-2430 doi:10.1007/s10722-013-0009-x IF (2012) 1.593
- **GIOIA T., LOGOZZO G., ATTENE G., BELLUCCI E., BENEDETTELLI S., NEGRI V., PAPA R., SPAGNOLETTI ZEULI P.** 2013 - Evidence for introduction bottleneck and extensive inter-gene pool (Mesoamerica x Ande) hybridization in the European common bean (*Phaseolus vulgaris* L.) germplasm. PLoS ONE 8(10): e75974. doi:10.1371/journal.pone.0075974 IF (5years) 4.09, IF (2012) 3.73
- **NEGRI V., TORRICELLI R.** 2013 - Regional Laws Protect Genetic Resources in Italy. Landraces, Issue 2: 8-9 ISSN: 2281-2067 (Online) (available from http://www.pgrsecure.bham.ac.uk/sites/default/files/documents/newsletters/Landraces_Issue_2.pdf)
- **PACICCO C.L., BODESMO M., TORRICELLI R., NEGRI V.,** 2013 - Progress toward an Italian conservation strategy for extant LR: the first Italian official inventory of LR. Landraces, Issue 2: 10 ISSN: 2281-2067 (Online) (available from http://www.pgrsecure.bham.ac.uk/sites/default/files/documents/newsletters/Landraces_Issue_2.pdf)
- **VAN ELSSEN A., AYERDI GOTOR A., DI VICENTE C., TRAON D., GENNATAS J., AMAT L., NEGRI V., CHABLE V.** 2013 - Plant breeding for an EU bio-based economy. EUR – Scientific and Technical Research series, Publications Office of the European Union, Luxembourg, pp.158, ISSN 1831-9424 (online), ISBN 978-92-79-29474-7 (pdf), doi:10.2791/94661
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- **RAGGI L., TISSI C., MAZZUCATO A., NEGRI V.** 2014 (on line 2013) - Molecular polymorphism related to flowering trait variation in a *Phaseolus vulgaris* L. collection. Plant Science 215-216: 180–189. <http://dx.doi.org/10.1016/j.plantsci.2013.11.001>

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- RAGGI L., CECCARELLI S., **NEGRI V.** 2022 - Genomics of a barley population evolved on-farm under different environmental conditions, *Agroecology and Sustainable Food Systems*. <https://doi.org/10.1080/21683565.2022.2106011>

TECHNOLOGICAL TRANSFER

VN took care, with colleagues, of the DSA3_UNIPG web page dedicated to the technological transfer and particularly of the pages :

- <http://dsa3.unipg.it/it/terza-missione/conservazione-della-biodiversita/36-terza-missione/421-specie-erbacee-coltivate-e-spontanee-in-prevalenza-semi-fao-ita-363-genebank>
- <http://dsa3.unipg.it/it/terza-missione/conservazione-della-biodiversita/36-terza-missione/443-conservazione-in-situ-e-promozione-del-territorio#a>
- <http://dsa3.unipg.it/it/terza-missione/divulgazione-scientifica-databases-e-altre-informazioni-di-interesse-generale>
- <http://dsa3.unipg.it/it/terza-missione/intermediazione-e-trasferimento-tecnologico/36-terza-missione/425-produzione-di-materiale-di-propagazione-per-l-agricoltura-sostenibile-ruop-pg-io-0190>

VN took care of PGR Secure (EC FP7 -KBBE-2010-4, GA n. 266394) transfer products:

- .Working database of the Italian vascular flora,
 - .Italian Crop Wild Relative Check Lists,
 - .Italian Prioritized Inventories of Crop Wild Relatives,
 - .The First Inventory of In Situ Maintained Landraces of Italy,
 - .In situ Landrace descriptors,
 - .Landrace data recording tool and manual
- which are available from:
- <http://vnr.unipg.it/PGRSecure/>
 - http://www.pgrsecure.org/helpdesk_lr/

VN took care of Farmer's Pride (H2020-SFS-2017-1, Topic: SFS-04-2017, GA774271) transfer products:

- <https://www.ecpgr.cgiar.org/in-situ-landraces-best-practice-evidence-based-database>
- https://more.bham.ac.uk/farmerspride/wp-content/uploads/sites/19/2021/03/D4.2_Landrace_network_design.pdf
- https://more.bham.ac.uk/farmerspride/wp-content/uploads/sites/19/2020/10/D1.4_Landrace_hotspots_identification_in_Europe.pdf

- https://more.bham.ac.uk/farmerspride/wp-content/uploads/sites/19/2020/06/D1.2_in_situ_PGR_in_Europe_landraces.pdf
- https://more.bham.ac.uk/farmerspride/wp-content/uploads/sites/19/2020/09/D2.4_In_situ_landrace_propagation_management_guidelines.pdf

In order to commercialise variety seed from her breeding activity VN took care of registering:

- *Hordeum vulgare* L. “Mix 48 Popolazione” for sustainable agriculture (2017).

TEACHING ACTIVITIES

COURSES GIVEN:

- *Forest Tree Breeding*, University of Turin, 1986/87-1990/91;
- *Plant Genetics (temporary)*, University of Ancona 1989/90 - 1990/91;
- *Agricultural Genetic Resources, Genetics of Seed Production, Breeding of Medicinal Plants, Biodiversity and Integrated Pest Control, Genetics and Plant Breeding II, Population genetics and evolution, Biodiversity conservation and management, Genetics, Genetics of food plants*, University of Perugia from Academic Year 1991/92 to present.
- *Professor in the Dottorato di Ricerca (PhD) courses 'Studio, conservazione e valorizzazione della biodiversità'*, University of Ancona (1998-2001), '*Biologia vegetale e biotecnologie agroambientali*' and '*Agricultural, food and environmental sciences and biotechnologies*' UNIPG (2000-on),
- *Teacher in the Intensive Program 'Bioéthique en science de la vie e de l'environnement' funded by the European Union (n. 2006-2154, n. project 218726-IC-1-2005-1-FR-ERASMUS-IPUC-1, Prof. Jean Marc Fraslin, Agrocampus - Rennes FR, coordinator)*

STUDENT RESEARCH PROJECTS MOST RECENTLY SUPERVISED

Degree: Ph.D Agricultural, food and environmental sciences and biotechnologies (3 year course)

Year	Student	Title
2021	E. Sayde	<i>Crop Wild Relatives in Lebanon (in progress)</i>
2015	L. Caproni	<i>Common bean diversity evolution under a sustainable management system</i>
2010	C. Tissi	<i>Common bean flowering determinism, population changes under different environments and breeding for organic agriculture</i>
2010	S. Ciancaleoni	<i>Brassica oleracea L. epigenetics, population changes under different environments and breeding for organic agriculture.</i>
2010	L. Panella	<i>Crop wild relatives of Italy: development of a conservation strategy.</i>
2006	G. Spataro	<i>Isatis tinctoria L. populations from Eurasia: morphological and genetic characterization.</i>
2005	B. Tiranti	<i>Italian P. vulgaris landraces: genetic diversity, population structure and conservation strategies.</i>
2005	P. Arcaleni	<i>Genetic diversity and structure of wild and domesticated populations of P. coccineus.</i>

Degree: Laurea Agricultural Science (5 year course)

Year	Student	Title
2021	Cecilia Zucchini,	<i>Progenitori Selvatici: localizzazione sul territorio nazionale, (LM Sviluppo Rurale Sostenibile).</i>
2021	Luca Balducci,	<i>Effetti dello stress salino su Phaseolus vulgaris L., (LM Sviluppo Rurale Sostenibile).</i>
2019	Francesco Pati	<i>Risorse genetiche in situ: un'analisi dei portatori di interesse a livello europeo (LM Sviluppo Rurale Sostenibile)</i>
2017	Fabio Ascarini	<i>Popolazioni costiere ed interne del progenitore selvatico di Beta vulgaris L. In Italia centrale (LM Sviluppo Rurale Sostenibile)</i>
2017	Francesco Iaconisi	<i>Iscrizione al registro varietale di una varietà di orzo (Hordeum vulgare L.) per l'agricoltura sostenibile (LM Sviluppo Rurale Sostenibile).</i>
2015	Maya Melisa Unmole	<i>Identificazione di linee di orzo (Hordeum vulgare L.) per l'agricoltura a basso input in ambienti diversi</i>
2011	D. Fè	<i>Methylation profiles in Brassica oleracea L.: modifications across time and space</i>
2007	G. Manilia	<i>Diversity levels in European and Asiatic populations of Isatis tinctoria L..</i>
2006	M. Sordi	<i>Plant populations linked to traditional use in two Mediterranean environments: a catalogue of genetic resources under threat.</i>
2005	E. Caldarola	<i>Genetic characterization and micropropagation of two olive (Olea europea L.) landraces.</i>
2004	G. Francolino	<i>Morphological and genetic characterization of Lycopersicon esculentum Mill. Landraces.</i>
2003	L. Polegri	<i>Molecular markers for protecting typical products from landraces: a case study.</i>

2003- M. de Sanctis *Landraces in Monte Terminillo area: morpho-physiological diversity and social context relevant for in situ conservation.*
2003 G. Spataro *Isatis tictoria L.: genetic resources of an almost forgotten species.*

Degree: Laurea Agricultural Science (3 year course)

<i>Year</i>	<i>Student</i>	<i>Title</i>
2016	Davide Borgia	<i>Il miglioramento genetico evolutivo.</i>

Degree: Laurea Biological Science (3 year course)

<i>Year</i>	<i>Student</i>	<i>Title</i>
2017	Davide Cutuli	<i>Progenitori selvatici di Brassica oleracea L. in Italia.</i>
2016	Daniele Cecchetti	<i>Determinismo della fioritura nelle piante superiori: caso studio Phaseolus vulgaris L.).</i>
2016	Rosario Liberti	<i>Informazione genetica e attività di intelligence nel caso di Brembate.</i>