

CURRICULUM VITAE

SANJA BARIC

Associate Professor in Plant Pathology

Free University of Bozen-Bolzano

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5 February 2026

UNIVERSITY AND POSTGRADUATE EDUCATION

Marche Polytechnic University, Italy

2006-2008 Second level E-learning master in Biosafety in Plant Biotechnology

Management Center Innsbruck, Austria

2001-2002 Postgraduate Course "General Management"

University of Innsbruck, Austria

January 2001 Ph.D. in Biology (Dr. rer. nat.)

April 1997 Graduation in Biology (Mag. rer. nat.)

PROFESSIONAL EXPERIENCE

Free University of Bozen-Bolzano, Italy

Associate Professor (professore di seconda fascia) of Plant Pathology (since September 2016)

Hochschule Osnabrück – University of Applied Sciences Osnabrück, Germany

Professorship (W2) "Agricultural Biotechnology" (February 2016 – July 2016)

Research Centre for Agriculture and Forestry Laimburg, Auer-Ora, Italy

Head of the Laboratory for Microbiology/Virology and Diagnostics: responsible for the operational management and organisation of the plant disease diagnosis service (January 2015 – January 2016)

Senior Researcher responsible for the Division of Population Genetics: molecular genetic characterisation of apple cultivars and implementation of a new research line to investigate microbial communities in soil associated with replant disease of apple (May 2013 – December 2014)

Sabbatical leave for research and study (November 2011 – April 2013)

Head of the Molecular Biology Laboratory: responsible for the laboratory organisation and conduction of research projects dealing with the investigation and diagnosis of plant pathogens (bacteria and fungi), identification of plant species in complex matrices, molecular identification of apple and cereal cultivars/varieties, and population genetics of native trout and crayfish species (August 2002 – October 2011)

Freelance Research Associate: establishment of the laboratory for Molecular Biology and development of a new real-time PCR-based method for detection of apple proliferation phytoplasma (April 2001 - July 2002)

University of Warwick, Coventry, United Kingdom

Sponsored Visiting Research Fellow in the Environmental Microbiology Department (Prof Elizabeth Wellington), School of Life Sciences, working on the application of metagenomic approaches for the investigation of extracellular bacterial proteins involved in degradation of lignin in soil (February 2012 – February 2013)

Department of Zoology and Limnology, University of Innsbruck, Austria

Research Assistant: involved in the description of a new turbellarian species (January – March 2001)

Graduate Research Assistant: working on population genetics, phylogeography and phylogeny of Lake Tanganyika cichlid fishes (November 1997 – October 2000)

TEACHING ACTIVITY

Free University of Bozen – Bolzano (Italy)

- *Phytopathology* - Bachelor Study Programme "Agricultural, Food and Mountain Environmental Sciences"
Teaching Language: English
Number of hours: 36 hours lectures, 8 hours exercises (Academic year 2024/2025)
- *Phytopathology* - Bachelor Study Programme "Agricultural, Food and Mountain Environmental Sciences"
Teaching Language: English
Number of hours: 36 hours lectures (Academic years 2021/2022, 2022/2023, 2023/2024)
- *Pflanzenschutz* - Bachelor Study Programme "Agricultural, Food and Mountain Environmental Sciences"
Teaching Language: German
Number of hours: 18 hours lectures, 12 hours exercises (Academic years 2021/2022, 2022/2023, 2023/2024, 2024/2025, 2025/2026)
- *Vorratsschutz* - Bachelor Study Programme "Agricultural, Food and Mountain Environmental Sciences"
Teaching Language: German
Number of hours: 18 hours lectures, 12 hours exercises (Academic years 2021/2022, 2022/2023, 2023/2024, 2024/2025, 2025/2026)
- *Phytopathology* - Bachelor Study Programme "Agricultural, Food and Mountain Environmental Sciences"
Teaching Language: English
Number of hours: 36 hours lectures, 40 hours exercises (6 ECTS) (Academic year 2020/2021)
- *Phytopathology and Plant Protection* - Bachelor Study Programme "Agricultural and Agro-Environmental Sciences"
Teaching Language: English and German

Number of hours: 52 hours lectures, 36 hours exercises (8 ECTS)
(Academic years 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021)

- *Plant Protection Products and Residues* – International Master in Horticultural Science (IMaHS)
Teaching Language: English
Number of hours: 18 hours lectures, 12 hours exercises (3 ECTS)
(Academic years 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021, 2021/2022, 2022/2023, 2023/2024, 2024/2025, 2025/2026)
- *Plant Pathology and Defence in Vineyards in Mountain Areas* – Master's in Viticulture, Enology and Wine Marketing (VEM)
Teaching Language: English
Number of hours: 16 hours lectures, 12 hours exercises (3 ECTS)
(Academic year 2018/2019)
- *Genetik und Nutzpflanzenzucht* - Bachelor Study Programme "Agricultural and Agro-Environmental Sciences"
Teaching Language: German
Number of hours: 20 hours lectures, 10 hours exercises (3 ECTS)
(Academic years 2016/2017, 2017/2018, 2018/2019)
- Teaching contract for the course *Genetics and Plant Breeding* of the Bachelor Study Programme "Agricultural Science and Agricultural Technology"
Teaching Language: German
Number of hours: 20 hours lectures, 10 hours exercises (Academic year 2014/2015)
- Teaching contract for the course *Advanced Molecular Biology Techniques in Fruit Sciences* of the International Master of Fruit Science
Teaching Language: English
Number of hours: 40 hours lectures, 20 hours exercises (Academic years 2011/2012 and 2013/2014); 24 hours lectures, 7 hours exercises (Academic year 2012/2013)
- Teaching contract for the course *Zoology* of the Bachelor Study Programme "Agricultural Science and Agricultural Technology"
Teaching Language: German
Number of hours: 20 hours lectures, 8 hours exercises (Academic years 2009/2010 and 2010/2011)
- Teaching contract for the course *General Zoology* of the Bachelor Study Programme "Agricultural Science and Agricultural Economics"
Teaching Language: English
Number of hours: 16 hours lectures, 10 hours exercises (Academic years 2002/2003, 2003/2004, 2004/2005, 2005/2006, 2006/2007, 2007/2008 and 2008/2009)

Hochschule Osnabrück – University of Applied Sciences (Germany)

- *Fundamentals of Biochemistry and Food Biotechnology* of the Bachelor Study Programme "Bioengineering in Agriculture and Food Industry"
Teaching Language: German
Number of hours: 8 SWS in total (Summer term 2016)

University of Innsbruck (Austria)

- Lecture course: *Gentechnik in der Landwirtschaft: Risiken und Chancen*
Teaching Language: German
Number of hours: 16 (VO 1) (Academic year 2009/2010)
- Teaching assistantships: *Basic Course on Zoology* (WS 2000/2001 and WS 1999/2000); *Course on Marine Biology – Calvi, Corsica* (SS 2000); *Course on Marine Biology – Rovinj, Croatia* (SS 1999), *Course on Physiology: Respirometry* (WS 1996/1997)

Pädagogisches Institut Bozen (Italy)

- Seminars and one-day training courses for life science teachers (*Gentechnische Methoden im Biologieunterricht*)
Teaching Language: German
September 2002, October 2003, February 2004 and August 2005

Fachschule für Obst-, Wein- und Gartenbau Laimburg, Pfatten (Italy)

- Lecture module: *Einführung in die Molekularbiologie* (School year 2010/2011)

PUBLICATIONS IN PEER-REVIEWED JOURNALS

- Amaral Carneiro G, **Baric S**, Tomada S, Fiorenzani C, Baroncelli R, Bühlmann A (2025) Genome resource of *Phlyctema vagabunda* strain 19EL15, a pathogen of post-harvest bull's eye rot of apple. *Microbiology Resource Announcements* 14 (11): e01220-24. DOI: <https://doi.org/10.1128/mra.01220-24>.
- Ahmad F, Tomada S, Poonsiri T, **Baric S** (2024) Molecular genetic variability of *Cryphonectria hypovirus 1* associated with *Cryphonectria parasitica* in South Tyrol (northern Italy). *Frontiers in Microbiology* 15, 1291542. DOI: <https://doi.org/10.3389/fmicb.2024.1291542>.
- Tomada S, Staffler E, Dionis G, **Baric S**, Di Francesco A (2024) *Cadophora luteo-olivacea* on apple and kiwifruit: characterization of selected strains and evaluation of fungicides for their control. *European Journal of Plant Pathology* 169(1): 99-111. DOI: <https://doi.org/10.1007/s10658-023-02811-y>.
- Sottocornola G, **Baric S**, Stella F, Zanker M (2023) Development of a knowledge-based expert system for diagnosing post-harvest diseases of apple. *Agriculture* 13(1): 177. DOI: <https://doi.org/10.3390/agriculture13010177>.
- Sottocornola G, **Baric S**, Nocker M, Stella F, Zanker M (2023) DSSApple: A hybrid expert system for the diagnosis of post-harvest diseases of apple. *Smart Agricultural Technology* 3: 100070. DOI: <https://doi.org/10.1016/j.atech.2022.100070>.
- Ahmad F, **Baric S** (2022) Microsatellite analysis revealing high genetic diversity of the chestnut blight fungus in South Tyrol (northern Italy). *Forests* 13(2): 344. DOI: <https://doi.org/10.3390/f13020344>.

- Ahmad F, **Baric S** (2022) Genetic diversity of *Cryphonectria parasitica* in South Tyrol (northern Italy). *European Journal of Plant Pathology* 162(3): 621–635. DOI: <https://doi.org/10.1007/s10658-021-02425-2>.
- Amaral Carneiro G, Walcher M, **Baric S** (2022) *Cadophora luteo-olivacea* isolated from apple (*Malus domestica*) fruit with post-harvest side rot symptoms in northern Italy. *European Journal of Plant Pathology* 162(1): 247–255. DOI: <https://doi.org/10.1007/s10658-021-02388-4>.
- Amaral Carneiro G, Walcher M, Storti A, **Baric S** (2022) Phylogenetic diversity and phenotypic characterization of *Phlyctema vagabunda* (syn. *Neofabraea alba*) and *Neofabraea kienholzii* causing postharvest bull's eye rot of apple in northern Italy. *Plant Disease* 106(2): 451–463. DOI: <https://doi.org/10.1094/PDIS-04-21-0687-RE>.
- Sottocornola G, **Baric S**, Nocker M, Stella F, Zanker M (2022) Picture-based and conversational decision support to diagnose post-harvest apple diseases. *Expert Systems with Applications* 189: 116052. DOI: <https://doi.org/10.1016/j.eswa.2021.116052>.
- Amaral Carneiro G, **Baric S** (2021) *Colletotrichum fioriniae* and *C. godetiae* causing postharvest bitter rot of apple in South Tyrol (northern Italy). *Plant Disease* 105(10): 3118–3126. DOI: <https://doi.org/10.1094/PDIS-11-20-2482-RE>.
- Amaral Carneiro G, Storti A, **Baric S** (2021) First report of *Colletotrichum salicis* causing bitter rot of apple in Italy. *Plant Disease* 105(1): 224. DOI: <https://doi.org/10.1094/PDIS-04-20-0870-PDN>.
- Baric S**, Storti A, Hofer M, Guerra W, Dalla Via J (2020) Molecular genetic identification of apple cultivars based on microsatellite DNA analysis. I. The database of 600 validated profiles. *Erwerbs-Obstbau* 62(2): 117–154. DOI: <https://doi.org/10.1007/s10341-020-00483-0>.
- Agnolet S, Ciesa F, Soini E, Cassar A, Matteazzi A, Guerra W, Robatscher P, Storti A, **Baric S**, Dalla Via J, Oberhuber M (2017) Dietary elements and quality parameters of 34 old and eight commercial apple cultivars grown at the same site in South Tyrol, Italy. *Erwerbs-Obstbau* 59 (3): 171–183.
- Schmidt S, **Baric S**, Massenz M, Letschka T, Vanas V, Wolf M, Kerschbamer C, Zelger R, Schweigkofler W (2015) Resistance inducers and plant growth regulators show only limited and transient effects on infection rates, growth rates and symptom expression of apple trees infected with '*Candidatus Phytoplasma mali*'. *Journal of Plant Diseases and Protection* 122 (5-6): 207–214.
- Guerriero G, Giorno F, Folgado R, Printz B, **Baric S**, Hausman JF (2014) Callose and cellulose synthase gene expression analysis from the tight cluster to the full bloom stage and during early fruit development in *Malus × domestica*. *Journal of Plant Research* 127(1): 173–183.
- Dalla Via J, Mantinger H, **Baric S** (2013) Die Entwicklung des Obstbaus in Südtirol: I. Die landwirtschaftliche Aus- und Weiterbildung. *Erwerbs-Obstbau* 55(3-4): 109–119.
- Giorno F, Guerriero G, Biagetti M, Ciccotti AM, **Baric S** (2013) Gene expression and biochemical changes of carbohydrate metabolism in *in vitro* micro-propagated apple plantlets infected by '*Candidatus Phytoplasma mali*'. *Plant Physiology and Biochemistry* 70(9): 311–317.

- Storti A, Bannier HJ, Holler C, Kajtna B, Rühmer T, Wilfling A, Soldavini C, Dalla Via J, **Baric S** (2013) Molekulargenetische Analyse des 'Maschankker'/^Borsdorfer'-Sortenkomplexes. *Erwerbs-Obstbau* 55(3-4): 99-107.
- Baric S** (2012) Molecular tools applied to the advancement of fruit growing in South Tyrol – a review. *Erwerbs-Obstbau* 54(3): 125-135.
- Baric S** (2012) Quantitative real-time PCR analysis of 'Candidatus Phytoplasma mali' without external standard curves. *Erwerbs-Obstbau* 54(3): 147-153.
- Baric S**, Storti A, Hofer M, Dalla Via J (2012) Resolving the parentage of the apple cultivar 'Meran'. *Erwerbs-Obstbau* 54(3): 143-146.
- Dalla Via J, **Baric S** (2012) Tree fruit growing – research and production in Germany: a statistical and bibliometric analysis of the period 1950–2010. *Erwerbs-Obstbau* 54(1): 11-30.
- Giorno F, Guerriero G, **Baric S**, Mariani C (2012) Heat shock transcriptional factors in *Malus domestica*: identification, classification and expression analysis. *BMC Genomics* 13(11): 639.
- Guerriero G, Giorno F, Ciccotti AM, Schmidt S, **Baric S** (2012) A gene expression analysis of cell wall biosynthetic genes in *Malus × domestica* infected by 'Candidatus Phytoplasma mali'. *Tree Physiology* 32(11): 1365–1377.
- Guerriero G, Spadiut O, Kerschbamer C, Giorno F, **Baric S**, Ezcurra I (2012) Analysis of cellulose synthase genes from domesticated apple identifies collinear genes *WDR53* and *CesA8A*: partial coexpression, bicistronic mRNA and alternative splicing of *CESA8A*. *Journal of Experimental Botany* 63(16): 6045-6056.
- Storti A, Dalla Via J, **Baric S** (2012) Comparative molecular genetic analysis of apple genotypes maintained in germplasm collections. *Erwerbs-Obstbau* 54(3): 137-141.
- Baric S**, Berger J, Cainelli C, Kerschbamer C, Dalla Via J (2011) Molecular typing of 'Candidatus Phytoplasma mali' and epidemic history tracing by a combined T-RFLP/VNTR analysis approach. *European Journal of Plant Pathology* 131: 573-584.
- Baric S**, Berger J, Cainelli C, Kerschbamer C, Letschka T, Dalla Via J (2011) Seasonal colonisation of apple trees by 'Candidatus Phytoplasma mali' revealed by a new quantitative TaqMan real-time PCR approach. *European Journal of Plant Pathology* 129: 455-467.
- Baric S**, Lindner L, Marschall K, Dalla Via J (2010) Haplotype diversity of *Tilletiopsis* spp. causing white haze in apple orchards in Northern Italy. *Plant Pathology* 59: 535-541.
- Baric S**, Öttl S, Dalla Via J (2010) Infection rates of natural psyllid populations with 'Candidatus Phytoplasma mali' in South Tyrol (Northern Italy). *Julius-Kühn-Archiv* 427: 189-192.
- Baric S**, Riedl A, Meraner A, Medgyesy N, Lackner R, Pelster B, Dalla Via J (2010) Alpine headwater streams as reservoirs of remnant populations of the Danubian clade brown trout. *Freshwater Biology* 55: 866-880.
- Meraner A, **Baric S**, Pelster B, Dalla Via J (2010) Microsatellite DNA data point to extensive but incomplete hybridisation between native marble trout and introduced brown trout. *Conservation Genetics* 11: 985–998.

- Berger J, Dalla Via J, **Baric S** (2009) Development of a TaqMan allelic discrimination assay for the distinction of two major subtypes of the grapevine yellows phytoplasma Bois Noir. *European Journal of Plant Pathology* 124: 521-526.
- Berger J, Schweigkofler W, Kerschbamer C, Roschatt C, Dalla Via J, **Baric S** (2009) Occurrence of Stolbur phytoplasma in the vector *Hyalesthes obsoletus*, herbaceous host plants and grapevine in South Tyrol (Northern Italy). *Vitis* 48: 185-192.
- Baric S**, Kerschbamer C, Vigl J, Dalla Via J (2008) Translocation of Apple Proliferation Phytoplasma via natural root grafts - a case study. *European Journal of Plant Pathology* 121: 207-211.
- Baric S**, Monschein S, Hofer M, Grill D, Dalla Via J (2008) Comparability of genotyping data obtained by different procedures - an interlaboratory survey. *Journal of Horticultural Science & Biotechnology* 83: 183-190.
- Meraner A, **Baric S**, Dalla Via J (2008) The selection of the 'wild': a combined molecular approach for the identification of pure indigenous fish from hybridised populations. *Comparative Biochemistry and Physiology, Part D* 3: 36-42.
- Baric S**, Dalla Via J (2007) Temporal shifts of Bois Noir phytoplasma types infecting grapevine in South Tyrol (Northern Italy). *Vitis* 46: 101-102.
- Baric S**, Kerschbamer C, Dalla Via J (2007) Detection of latent apple proliferation infection in two differently aged apple orchards in South Tyrol (northern Italy). *Bulletin of Insectology* 60: 265-266.
- Meraner A, **Baric S**, Pelster B, Dalla Via J (2007) Trout (*Salmo trutta*) mitochondrial DNA polymorphism in the centre of the marble trout distribution area. *Hydrobiologia* 579: 337-349.
- Sefc KM, **Baric S**, Salzburger W, Sturmbauer C (2007) Species-specific population structure in rock-specialized sympatric cichlid species in Lake Tanganyika, East Africa. *Journal of Molecular Evolution* 64: 33-49.
- Baric S**, Höllrigl A, Füreder L, Petutschnig J, Dalla Via J (2006) First analysis of genetic variability in Carinthian populations of the white-clawed crayfish *Austropotamobius pallipes*. *Bulletin Francais de la Pêche et de la Pisciculture* 380-381: 977-990.
- Baric S**, Kerschbamer C, Dalla Via J (2006) TaqMan real-time PCR versus four conventional PCR assays for detection of apple proliferation phytoplasma. *Plant Molecular Biology Reporter* 24: 169-184.
- Lindner L, **Baric S** (2006) La "patina bianca": una nuova alterazione che danneggia l'epidermide della mela. *Informatore fitopatologico* 56(12): 60-63.
- Baric S**, Dalla Via J (2005) Diagnostics of apple proliferation phytoplasma hampered by bacterial DNAs. *Laimburg Journal* 2: 27-33.
- Baric S**, Höllrigl A, Füreder L, Dalla Via J (2005) Mitochondrial and microsatellite analyses of *Austropotamobius pallipes* populations in South Tyrol (Italy) and Tyrol (Austria). *Bulletin Francais de la Pêche et de la Pisciculture* 376-377: 599-612.
- Baric S**, Höllrigl A, Kerschbamer C, Füreder L, Petutschnig J, Dalla Via J (2005) Update of the molecular phylogeny of the *Austropotamobius pallipes* species complex by including specimens from South Tyrol (Italy) and

Carinthia (Austria). *Bulletin Francais de la Pêche et de la Pisciculture* 376-377: 627-636.

- Baric S**, Dalla Via J (2004) A new approach to apple proliferation detection: a highly sensitive real-time PCR assay. *Journal of Microbiological Methods* 57: 135-145.
- Dalla Via J, Tasser E, Tappeiner U, **Baric S**, Mair V, Kasal A (2004) Biologisch-ökologische Grundlagen einer Bergheu-Zertifizierung. *Laimburg Journal* 1: 95-108.
- Baric S**, Salzburger W, Sturmbauer C (2003) Phylogeography and evolution of the Tanganyikan cichlid genus *Tropheus* based upon mitochondrial DNA sequences. *Journal of Molecular Evolution* 56: 54-68.
- Sturmbauer C, Hainz U, **Baric S**, Verheyen E, Salzburger W (2003) Evolution of the tribe Tropheini from Lake Tanganyika: synchronized explosive speciation producing multiple evolutionary parallelism. *Hydrobiologia* 500: 51-64.
- Gschwentner R, **Baric S**, Rieger R (2002) New model for the formation and function of sagittocysts: *Symsagittifera corsicae* n. sp. (Acoela). *Invertebrate Biology* 121: 95-103.
- Salzburger W, **Baric S**, Sturmbauer C (2002) Speciation via introgressive hybridization in East African cichlids? *Molecular Ecology* 11: 619-625.
- Salzburger W, Meyer A, **Baric S**, Verheyen E, Sturmbauer C (2002) Phylogeny of the Lake Tanganyika cichlid species flock and its relationship to the Central- and East-African haplochromine cichlid fish faunas. *Systematic Biology* 51: 113-135.
- Sturmbauer C, **Baric S**, Salzburger W, Rüber L, Verheyen E (2001) Lake level fluctuations synchronize genetic divergences of cichlid fishes in African lakes. *Molecular Biology and Evolution* 18: 144-154.
- Baric S**, Sturmbauer C (1999) Ecological parallelism and cryptic species in the genus *Ophiothrix* derived from mitochondrial DNA sequences. *Molecular Phylogenetics and Evolution* 11: 157-162.

CONFERENCE PAPERS AND PUBLISHED ABSTRACTS

- Dalla Via J, **Baric S** (2025) Fruit growing history in South Tyrol (northern Italy). *Acta Horticulturae* 1438, 201-208.
- Dalla Via J, **Baric S** (2025) Hermann Mantinger—a tribute to his 90th birthday. *Acta Horticulturae* 1438, 185-192.
- Scuri G, Bharti S, Rasinariu I, Sadar N, **Baric S**, Zanella A, Mejia-Aguilar A (2025) Toward an automated optical system to detect diseases and post-harvesting disorders in apple fruits. *Proceedings of SEIA'25*, 70-73.
- Tomada S, Kabir A, Poggetti L, Cacitti V, Fabro M, **Baric S** (2025) Prospective for biocontrol implementation of the chestnut blight fungus *Cryphonectria parasitica* in Friuli Venezia Giulia. *IOBC-WPRS Bulletin* 177, 12-15.
- Baric S**, Ahmad F, Dalla Via J (2024) Prevalence and severity of chestnut blight in South Tyrol (northern Italy) three decades after inoculation of hypovirulent strains of *Cryphonectria parasitica*. *Acta Horticulturae* 1400, 103-110.

- Zanella A, **Baric S**, Öttl S, Rizzolli W, Kelderer M, Rossi O, Wenter A (2022) Fruit storage novelties: the conference 2021 at the Laimburg Research Centre. *Laimburg Journal* 04/2022.
- Baric S**, Sottocornola G, Amaral Carneiro G, Stella F, Zanker M (2021) Construction of a knowledge base to diagnose postharvest diseases of apple (abstract). *Phytopathology* 111, 10S, 53.
- Amaral Carneiro G, **Baric S** (2021) Single-spore isolation protocol for characterisation of postharvest pathogens causing bitter rot of apple in South Tyrol. *Acta Horticulturae* 1325, 1-6.
- Baric S**, Guizzardi G, Stella F, Zanker M (2021) The application of information technology to diagnose postharvest diseases of apple. *Acta Horticulturae* 1325, 13-20.
- Sottocornola G, **Baric S**, Stella F, Zanker M (2021) Case study on the development of a recommender for apple disease diagnosis with a knowledge-based Bayesian Network. *CEUR Workshop Proceedings* 2960.
- Ahmad F, **Baric S** (2020) Caratterizzazione genetica molecolare di *Cryphonectria parasitica* nei castagneti dell'Alto Adige (extended abstract). Atti del VII convegno Nazionale sul castagno, Pergine, Valsugana, 11-14 giugno 2019, *Acta Italus Hortus* 25: 126-128.
- Baric S**, Amaral Carneiro G (2020) Diversity and novel species of fungal postharvest pathogens of apple in South Tyrol (Northern Italy) (abstract). *Acta ZooBot Austria* 157: 349.
- Baric S**, Drexler T, Tappeiner J, Amaral Carneiro G (2020) *Penicillium* species associated with blue mold rot of apple in South Tyrol (northern Italy) (abstract). *Phytopathology* 110, 12S, 144.
- Vittur M, Niedrist M, Marschall K, **Baric S** (2020) Caratterizzazione di isolati di *Cryphonectria parasitica* provenienti da castagneti selezionati della Provincia Autonoma di Bolzano (extended abstract). Atti del VII convegno Nazionale sul castagno, Pergine, Valsugana, 11-14 giugno 2019, *Acta Italus Hortus* 25: 250-251.
- Nocker M, Sottocornola G, Zanker M, **Baric S**, Amaral Carneiro G, Stella F (2018) Picture-based navigation for diagnosing post-harvest diseases of apple. *ACM Conference on Recommender Systems (RecSys)* 2018: 506-507.
- Niederkofler A, **Baric S**, Guizzardi G, Sottocornola G, Zanker M (2019). Knowledge models for diagnosing postharvest diseases of apples. *Ontologies and Data in Life Sciences (ODLS)* 2019.
- Baric S**, Wagner J, Storti A, Dalla Via J (2011) Application of an extended set of microsatellite DNA markers for the analysis of presumed synonym cultivars of apple. *Acta Horticulturae* 918: 303-308.
- Baric S**, Storti A, Hofer M, Dalla Via J (2009) Molecular genetic characterisation of apple cultivars from different germplasm collections. *Acta Horticulturae* 817: 347-353.

BOOK CHAPTERS

- Baric S** (2019) Duplex TaqMan Real-Time PCR for Rapid Quantitative Analysis of a Phytoplasma in Its Host Plant without External Standard Curves. In: Phytoplasmas. Methods and Protocols (Musetti R, Pagliari L, Eds), pp. 131-141. Humana Press, New York, NY, ISBN 978-1-4939-8836-5
- Baric S**, Storti A, Hofer M, Dalla Via J (2018) Spurensuche nach alten Apfelsorten – wie molekulargenetische Untersuchungen dabei helfen können. In: Obstgärten | Frutteti. Das Brixner „Pomarium“ im geschichtlichen und gartenbaulichen Kontext (Jost A, Kofler Engl W, Schmidt E, Eds.), pp. 128-139. Verlag Gunter Oettel, Görlitz, ISBN 978-3-9445-6044-1.
- Schulz H, **Baric S** (2009) Phylogenetik und Populationsgenetik bei Europäischen Flusskrebse. In: Flusskrebse: Biologie – Ökologie – Gefährdung. (Füreder L, Ed.). Folio Verlag, Wien, pp. 34-43.
- Baric S**, Dalla Via J (2008) Advances in detection of apple proliferation phytoplasma. In: Advances in Plant Biotechnology (Rao GP, Zhao Y, Radchuk VV, Bhatnagar SK, Eds.). Studium Press LLC, Texas, USA, pp. 561-582.

LANGUAGES

- Croatian: native language (C2)
- German: second native language (C2)
- English: Cambridge English: Certificate in Advanced English (CAE) issued on 21 April 2017 (C1)
- Italian: Certificate of bilingualism issued by the Government Commissariat of the Autonomous Province of Bozen-Bolzano on 25 October 2005 (C1)