

CV date	02/23/2021
---------	------------

### A.1. Current position

Name of University/Institution	Universidad de Granada		
Department	Dpto. de Botánica, Facultad de Ciencias		
Address and Country	c/ Severo Ochoa s/n, 18071 Granada		
Phone number	958248814	E-mail	<a href="mailto:vsuarez@ugr.es">vsuarez@ugr.es</a>
Current position	Profesor Titular de Universidad	From	12/12/2017
Espec. cód. UNESCO	Botany (063)		
Palabras clave	Evolution, development genetics, population genetics, molecular systematics, taxonomy, phylogeny, phylogeography		

### A.2. Education

PhD	University	Year
PhD	University of Granada	2005

### A.3. JCR articles, h Index, thesis supervised...

- **Research sexenia:** 3 (last, 2014-2019)
- **PhD Theses supervised/in progress:** 2/1
- **Total citations Web of Science/Google Scholar:** 491/724
- **Average citations/year (last 5) Web of Science/G-Scholar:** 47/65
- **Publications in peer-reviewed journals:** 39
- **Publications in peer reviewed journals Q1/Q2:** 14/12
- **H-index Web of Science/Google Scholar:** 13/15

### Part B. CV SUMMARY (max. 3500 characters, including spaces)

Bachelor of Biological Sciences and Doctor by the University of Granada. Currently tenured professor in the Botany Department of the University of Granada. My research activity has meant the establishing of plant molecular biology research in the Department, in which I am in charge of the development and management of the Systematics and Molecular Evolution Laboratory. I have a wide experience in research related to Evolution Biology, Molecular Evolution and Molecular Phylogeny, supported by my participation in 7 research projects related to the topics. One of the main features of my research is the interdisciplinary, integrating molecular studies with techniques from different disciplines (taxonomy, reproductive biology, karyology, palynology...). I recently started a research line focused on the conservation of endangered plants from a population genetics perspective, which I have consolidated with the award of two research contracts with companies (in one I was the Principal Investigator, PI, and in another the main responsible) and a research project from the Andalusian Research Plan, of which I was the PI. With the last project and with my participation in another project from the National Plan, I started a research line in Development Genetics and its vision from an evolutionary perspective. This line is consolidating with the award of a research project from the National Plan, in which I am PI. In total, I have participated in 10 research projects and 5 research contracts. My research background is supported by 39 publications in scientific journals (34 indexed in JCR, 14 in Q1), 1 book, and 41 book chapters, alongside 61 communications to congresses (26 of them published in congress books). My publications have been cited 724 times and my H index is 15. I have conducted 2 knowledge transfer to the productive sector, related with research works promoted by public organisms. I have enjoyed 3 research stays abroad, one of them postdoctoral, at the Laboratory of Molecular Systematics and Evolutionary Genetics of the University of Florida, under supervision of Pamela & Douglas Soltis; with which I keep close collaboration. I have initiated collaboration with Dr. Anna Dobriza from Ohio State University (USA), as well as with Dr. Annette Becker from Justus-Liebig-University Giessen (Germany), in relation with the study of development genetics of pollen apertural system and the androecium of Papaveraceae. I supervised 2 Doctoral Thesis about Evolution and Systematics of subfamily Fumarioideae and about genetic diversity and phylogeography of four Tertiary-relic ferns, and I am currently supervising 2 more on: evolution and development of pollen aperture; and development of the androecium in Papaveraceae. I have also supervised 6 Master's thesis, 6 Degree's thesis and 2 Bachelor's thesis, all of them related with my

research lines. I have also mentored 7 intern students, 4 practical grants, 3 introduction to research grants (Univ. of Granada own plan), 3 collaboration grants (Spanish Ministry of Education, Culture and Sports), 1 FPI research stay and 2 postdoctoral contracts (1 of them international; Erasmus Mundus program).

## **Part C. RELEVANT MERITS**

### **C.1. Publications (including books)**

- Suárez-Santiago, V.N.**, M.J. Salinas, N. García-Jacas, P. Soltis, D. Soltis, and G. Blanca. 2007. Reticulate evolution in the *Acrolophus* subgroup (*Centaurea* L., Compositae) from the western Mediterranean. Origin and diversification of section *Willkommia* Blanca. *Molecular Phylogenetics and Evolution* 43: 156-172.
- Suárez-Santiago, V.N.**, M.J. Salinas, A.T. Romero-García, R. de la Herrán, M.A. Garrido-Ramos, C. Ruiz-Rejón, M. Ruiz-Rejón, and G. Blanca. 2007. Polyploidy, the major speciation mechanism in *Muscari* subgenus *Botryanthus* in the Iberian Peninsula. *Taxon* 56: 1171-1184.
- Ortega, A., **V.N. Suárez-Santiago**, and J.D. Reyes. 2008. Morphological and ITS identification of *Cortinarius* species (section *Calochroi*) collected in Mediterranean *Quercus* woodlands. *Fungal Diversity* 29: 73-88.
- Suárez-Santiago, V.N.**, A. Ortega, U. Peintner, and I. López-Flores. 2009. Study on *Cortinarius* subgenus *Telamonia* section *Hydrocybe* in Europe, with especial emphasis on Mediterranean taxa. *Mycological Research* 113: 1070-1090.
- Pérez-Gutiérrez, M.A., **V.N. Suárez-Santiago**, I. López-Flores, A.T. Romero, and M.A. Garrido-Ramos. 2012. Concerted evolution of satellite DNA in *Sarcocapnos*: a matter of time. *Plant Molecular Biology* 78: 19-29.
- Pérez-Gutiérrez, M.A., Romero, A.T., Salinas, M.J., Blanca, G., Fernández, M.C. & **Suárez-Santiago, V.N.** 2012. Phylogeny of the tribe Fumarieae (Papaveraceae s.l.) based on chloroplast and nuclear DNA sequences: evolutionary and biogeographic implications. *American Journal of Botany* 99: 517-528.
- Quesada del Bosque, M.E., López-Flores, I, **Suárez-Santiago, V.N.** & Garrido-Ramos, M.A. 2013. Differential spreading of *Hinfl* satellite DNA variants during radiation in Centaureinae. *Annals of Botany* 112: 1793-1802.
- Mavrodiev, E.V., Chester, M., **Suárez-Santiago, V.N.**, Visger, C.J., Rodriguez, R., Susanna, A., Baldini, R.M., Soltis, P.S., Soltis, D.E. 2015. Multiple origins and chromosomal novelty in the allotetraploid *Tragopogon castellanus* (Asteraceae). *New Phytologist* 206: 1172-1183.
- Pérez-Gutiérrez, M.A., Romero-García, A.T., Fernández, M.C., Blanca, G., Salinas, M.J. & **Suárez-Santiago, V.N.** 2015. Evolutionary history of fumitories (subfamily Fumarioideae, Papaveraceae): An old story shaped by the main geological and climatic events in the Northern Hemisphere. *Molecular Phylogenetics and Evolution* 88: 75-92.
- Ben-Menni Schuler, S., García-López, M.C., Lopez-Flores, I., Nieto-Lugilde, M., **Suárez-Santiago, V.N.** 2018. Genetic diversity and population history of the Killarney fern, *Vandenboschia speciosa* (Hymenophyllaceae), at its southern distribution limit in continental Europe. *Botanical Journal of the Linnean Society* 183: 94-105.
- Ben-Menni Schuler S., López-Pujol J., Blanca G., Vilatersana R., Garcia-Jacas N. & **Suárez-Santiago V.N.** 2019. Influence of the Quaternary Glacial Cycles and the Mountains on the Reticulations in the Subsection *Willkommia* of the Genus *Centaurea*. *Frontiers in Plant Science* 10(303): 1-16.

### **C.2. Research projects and grants**

- PGC2018-101825-B-I00.** Impact of adaptive introgression on the evolution of a recently radiated plant group of the genus *Centaurea* (Asteraceae). Main researcher: Víctor N. Suárez Santiago and Juan Francisco Jiménez Martínez (Universidad de Granada). Funding entity: Ministerio de Ciencia, Innovación y Universidades. Call: 2018. Period: 01/01/2019-31/12/2022. Funding: 160.930,00 €. Project status: awarded. Participation: Principal Investigator.
- CGL2015-70290-P.** Evolution and development of the pollen apertural system in basal eudicotyledons: analysis of *INAPERTURATE POLLENI* gene. Main researcher: **Víctor N. Suárez Santiago** (Universidad de Granada). Funding entity: Ministerio de Economía y Competitividad, DGICT. Call:

2015. Period: 01/01/2016-31/06/2019. Funding: 72.237 €. Project status: awarded. Participation: Principal Investigator.
- P12-RNM-2680.** Evolution and development in basal eudicots: order Ranunculales. Principal Investigator: Ana Teresa Romero García (Universidad de Granada). Funding entity: Consejería de Economía, Innovación y Ciencia, Junta de Andalucía. Call: 2012. Period: 30/01/2014-30/01/2018. Funding: 147.459,50 €. Project status: awarded. Participation: researcher
- P10-RNM-6198.** Genetics of *Vandenboschia speciosa*, an endangered fern in Andalucía and its integration into its conservation biology. Main researcher: **Víctor N. Suárez Santiago** (Universidad de Granada). Funding entity: Consejería de Economía, Innovación y Ciencia, Junta de Andalucía. Call: 2010. Period: 15/03/2011-30/04/2016. Funding: 159.740 €. Project status: awarded. Participation: Principal Investigator
- CGL2010-14856/BOS.** Genetic control of generations alternancy in ferns: analysis of the absence of alternancy in *Vandenboschia speciosa* (Hymenophyllaceae). Principal Investigator: Manuel A. Garrido Ramos (Universidad de Granada). Funding entity: DGPYTC, MICINN, Gobierno de España. Call: 2010. Period: 01/01/2011-30/06/2015. Funding: 90.750 €. Project status: awarded. Participation: Researcher.
- CGL2008-01554.** Evolution and systematics in basal eudicots: family Papaveraceae, a multi-disciplinary approach. Principal Investigator: Ana Teresa Romero García (Universidad de Granada). Funding entity: DGPYTC, MICINN, Gobierno de España. Call: 2008. period: 01/01/2009-31/12/2012. Funding: 149.677 €. Project status: awarded. Participation: researcher.
- 0614421.** Systematic studies of *Tragopogon* (Asteraceae): a multi-marker approach to untangling polyploid complexes. Principal Investigator: Douglas E. Soltis (University of Florida). Funding entity: National Science Foundation, U.S.A. Government. Call 2006. Period: 15/09/2006-31/08/2009. Funding: 215.428 €. Project status: awarded. Participation: postdoctoral researcher.
- ISB.** Biodiversity of fungi in the mediterranean: Characterization of the species in the complex *Cortinarius Cistohelvelloides-Cortinarius Scobinaceus*. Principal Investigator: Antonio Ortega Díaz (Universidad de Granada). Funding entity: Universidad de Granada. Call 2008. Period: 01/03/2009-28/02/2010. Funding: 2.000 €. Project status: awarded. Participation: Researcher.

### C.3. Contracts

- NET699759.** Consultancy contract and assistance for the completion of genetic studies on some plant species under critical risk from the Eastern Andalusian mountains. Principal Investigator: Gabriel Blanca (Universidad de Granada). Funding entity: EGMASA, Consejería de Medio Ambiente, Junta de Andalucía. Period: 17/01/2005-17/04/2007. Funding: 35.000 €. Contract status: awarded. Participation: researcher.
- NET668619/1.** Consultancy contract and assistance for the completion of genetic studies on a group of 4 endangered Pteridophytes: *Culcita macrocarpa*, *Pteris incompleta*, *Diplazium caudatum*, *Vandesboshia speciosa*. Main researcher: **Víctor N. Suárez Santiago** (Universidad de Granada). Funding entity: EGMASA, Consejería de Medio Ambiente, Junta de Andalucía. Period: 14/02/2008-14/02/2011. Funding: 43.373,91 €. Contract status: awarded. Participation: Principal Investigator.
- Contrato** Studies on the Andalusian flora (Flora de Andalucía Oriental). Principal Investigator: Gabriel Blanca López (Universidad de Granada). Funding entity: Empresa de Gestión Medioambiental S. A. (EGMASA), Consejería de Medio Ambiente, Junta de Andalucía. period: 1/04/2003-1/04/2007. Funding: 601.012 €. Contract status: awarded. Participation: researcher.

### C.4. Patents

#### C.5. Other publications and communications to congresses

- 1 book:** Ballarà et al. 2008. Fungi Non Delineati 48-49: *Cortinarius Ibero-Insulares* 2. Edizioni Candusso. Alassio, Italia.
- 41 book chapters:** 12 in: Flora Vascular de Andalucía Oriental (2009); Consejería de Medio Ambiente, Junta de Andalucía. 12 in: Flora Vascular de Andalucía Oriental, 2ª edición corregida y aumentada (2011); Universities of Granada, Almería, Jaén and Málaga. 12 in: Claves de la Flora Vascular de Andalucía Oriental (2011); Universities of Granada, Almería, Jaén y Málaga. 2 in Flora Ibérica: Plantas vasculares de la Península Ibérica e Islas Baleares (2013 y 2014); Real Jardín Botánico, CSIC. 2 in Atlas y Libro Rojo de la Flora Vascular Amenazada de España (2019); Ministerio para la

Transición Ecológica. 1in Biología de la Conservación de Plantas en Sierra Nevada. Principios y Retos para su Preservación; Universidad de Granada.

**61 communications to congresses:** 46 international and 12 national; 26 published in congress books.

#### **C.6. Transfer of results**

**Scientific assessor** in: *helechos amenazados de Andalucía. Avances en conservación*. Delgado-Vázquez & Plaza-Arregui 2010. Ed.: Consejería de Medio Ambiente, Junta de Andalucía. ISBN: 978-84-92807-35-2.

#### **C.7. Mentoring and supervising activities**

##### **PhD Theses:**

**Finished:** **1)** Evolution and systematics of subfamily Fumarioideae (Papaveraceae s.l.). Date: December 2014; Qualification: Excelent ‘*cum laude*’; JCR articles: 6. **2)** Genetic diversity and phylogeographic model of four tertiary relictic ferns: *Vandenboschia speciosa* (Willd.) G. Kunkel, *Diplazium caudatum* (Cav.) Jermy, *Pteris incompleta* Cav. y *Culcita macrocarpa* C. Presl.; Date: December 2019; Qualification: Excelent ‘*cum laude*’; JCR articles: 2.

**In process:** **1)** The paper of *NAM* genes in the evolution and development of the androecium in Papaveraceae Juss.; PhD researcher: Modesto Berbel Cascales. **2)** Evolution and development of the pollen aperture system in basal eudicots: analysis of the gene *INAPERTURATE POLLENI*. PhD researcher: Ismael Mazuecos Aguilera.

**Mentoring of other research works:** **7 Master’s thesis:** Marta Nieto-Lugilde, July 2010. Samira Ben-Menni Schuler, July 2013. Laura Ortiz Miñón, September 2014. Alejandro Herrera Púa, July 2016. Ana María Maiquez Rodríguez, September 2016. Antonio Millán Cambra, September 2016. José Andrés Fernández Alonso, September 2020, **7 Degree’s Thesis:** 2014/2015, 2017/2018. 2018/2019. 2019/2020, **2 Bachelor’s Thesis:** 2012/2013. **7 Intern students** in the period 2006/2007-2017/2018. **4 practical grant awardees:** 2008/09 (2) and 2013/14 (2). **3 introduction to research grant awardees:** 2011/12, 2014/15, 2015/16. **3 MEC collaboration grant awardees:** 2011/12, 2013/14, 2014/15. **1 F.P.I. PhD researcher stay:** 18/05/2009 to 18/07/2009. **3 postdoctoral researchers:** 1) Contract funded by a Project of Excellence, “Junta de Andalucía”, period: January-2012 a January-2014; 2) Erasmus Mundus - Al Idrisi II, period: 1 October 2015 al 31 march 2016; 3) Ayuda Puente funded by Plan Propio de Investigación, Universidad de Granada.

#### **C.8. Other merits related with research activities**

##### **Research periods in different institutions.**

**Instituto Botánico de Barcelona** (lab. de Biosistemática y Sistemática Molecular); Consejo Superior de Investigaciones Científicas (CSIC). Period: 01/10/2000- 20/10/2000. Funding: Ministerio de Educación y Cultura. Type: Pre-doctoral. **University of Florida**, Laboratory of Molecular Systematics and Evolutionary Genetics. Gainesville, USA. Period: 01/10/2001-31/12/2001. Funding: Ministerio de Educación y Cultura. Type: Pre-doctoral. **University of Florida**, Laboratory of Molecular Systematics and Evolutionary Genetics. Gainesville, USA. Period: 28/10/2002-28/12/2002. Funding: Ministerio de Educación y Cultura. Type: Pre-doctoral. **University of Florida**, Laboratory of Molecular Systematics and Evolutionary Genetics. Gainesville, USA. Period: 25/04/2007-31/12/2007. Funding: Ministerio de Educación y Ciencia. Type: Postdoc.