

<b>Part A. PERSONAL INFORMATION</b>		<b>CVA date</b>		08/10/2021
First and Family name	Isabel Salcedo Larralde			
Passport, ID number	15239725V	Age	62	
Researcher numbers	Researcher ID	S-1736-2018		
	Orcid code	0000-0002-6669-5920		

### A.1. Situación profesional actual

University/Institution	Universidad del País Vasco (UPV/EHU)		
Department	Facultad de Ciencia y Tecnología		
Address and Country	Barrio Sarriena s/n, 48940 Leioa, Bizkaia. Spain		
Phone number	946012613	E-mail	<a href="mailto:isabel.salcedo@ehu.eus">isabel.salcedo@ehu.eus</a>
Current position	Professor Adjunto Numerario	From	1995
UNESCO code	241713, 241703, 241706		
Key words	Fungi, Plant-soil interactions, Fungal ecology		

### A.2. Education (*título, institución, fecha*)

Licenciatura/Grado/Doctorado	University	Year
Graduate in Biology	University of Salamanca	1983
PhD in Biology	UPV/EHU	1989

### A.3. General indicators of the quality of scientific production (see instructions)

a) The total number of citations dated October 08, 2021 is 663; the average number of citations in the 2016-20 period is  $85.y^{-1}$ . b) 48 Publications SCI (50% are Q1). c) h-index, 14. d) 6 thesis supervised. e) Three six-year of research period (the last awarded for 2010-2015), and one six-year transfer period.

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

### Advanced education and teaching activity

Lcdo. Biological Sciences. University of Salamanca (1983). Doctor in Biological Sciences with Honors. University of the Basque Country (UPV/EHU) (1989).

1983-85. Lecturer Professor. Botany. Dept. of Plant Biology & Ecology. UPV/ EHU.

1985-95. Assistant Professor hired. Botany. Dept. of Plant Biology & Ecology. UPV/EHU.

1995 to the present. Professor Adjunto Numerario of Botany. UPV/EHU.

### Publications and projects

To date I have published 48 articles in SCI journals (23 are Q1), 33 articles no indexed and chapter, 7 teaching articles and many divulgation articles. My h-index is 14. I have also participated in more than 20 research projects.

### Directed theses and participation in masters and doctoral programs

Director of 6 PhD thesis, and 17 Master's thesis.

Participation in the master "Environmental Agrobiology" and in the "Biodiversity, Ecosystems Functioning and Management".

### Merits and activities related to the Scientific Evaluation

Member of the Editorial Board: Guineana, Zizak.

Reviewer of international journals: Forest Ecology & Management, Plant Biosystems, Journal of Forest Research, Phytotaxa (among others).

### Stays at internationally recognized centers

Visiting researcher (with Prof. L. Ryvarden) Department of Mycology. University of Oslo. Oslo. Norway. 2 months (1986). Visiting researcher. Department of Mycology. University of Lyon (1 month) (1994).

### Institutional responsibilities

Biology Degree Coordinator. Faculty of Science & Technology, (UPV/EHU). 2011- 2016.

## Part C. RELEVANT MERITS

### C.1. Publications

Fuertes-Mendizábal T, Huérfano X, Ortega U, González-Murua C, Estavillo Jm, Salcedo I, Duñabeitia MK. 2021. Compost and PGPs based biostimulant as alternative to peat and NPK fertilization in chestnut (*Castanea sativa*) nursery production. *Forests* 12: 850. DOI:10.3390/f12070850

Salcedo I, Melo I, Olariaga I. 2020. New record of *Hyphoderma etrusiae* (Basidiomycota) in Portugal and its combination in *Lawryomyces*. *Phytotaxa* 472 (2): 193-200. DOI: 10.11646/phytotaxa.472.2.9

Otero M, Salcedo I, Txarterina K, González-Murua C., Duñabeitia MK. 2020. Compost tea reduces the susceptibility of *Pinus radiata* to *Fusarium circinatum* in nursery production. *Phytopathology* 110 (4): 813–821. DOI: 10.1094/PHYTO-04-19-0139-R

Otero M, Salcedo I, Txarterina K, González-Murua C., Duñabeitia MK. 2019. Quality assessment of *Pinus radiata* production under sustainable nursery management based on compost tea. *Journal of Plant Nutrition and Soil Science* 182: 356-366. DOI:10.1002/jpln.201800309

García-Florentino C., Maguregui M., Morillas H., Marcaida, I., Salcedo I., Madariaga J. M. 2018. *Trentepohlia* algae biofilms as bioindicator of atmospheric metal pollution. *Science of the Total Environment* 626: 441-450. DOI: 10.1016/j.scitotenv.2018.01.096

Sarrionandia E. & Salcedo I. 2018. Macrofungal diversity of holm-oak forests at the northern limit of their distribution range in the Iberian Peninsula. *Scandinavian journal of forest research* 33(1): 23-31. DOI 10.1080/02827581.2017.1335430

Olariaga I., Moreno G.I, Manjón J.L., Salcedo I., Hofstetter V., Rodríguez D. & Buyck B. 2017. *Cantharellus* (Cantharellales, Basidiomycota) revisited in Europe through a multigene phylogeny. *Fungal Diversity* 83(1): 263-292. DOI: 10.1007/s13225-016-0376-7

Abrego N., Dunson D., Halme P., Salcedo I. & Ovaskainen O. 2017. Wood-inhabiting fungi with tight associations with other species have declined as a response to forest management. *Oikos* 126 (2): 269-275. DOI: 10.1111/oik.03674

Morillas H., Maguregui M., C. García-Florentino, Carrero J., Salcedo I. & Madariaga J. M. 2016. The cauliflower-like black crusts on sandstones: A natural passive sampler to evaluate the surrounding environmental pollution. *Environmental Research* 147: 218-232.

DOI/10.1016/j.envres.2016.02.015

Martín-Rodrigues N., Sanchez-Zabala J., Salcedo I., Majada J., Gonzalez-Murua C. & Duñabeitia MK. 2015. Radiata pine root colonization and systemic spreading of a GFP-*Fusarium circinatum* strain inoculated into the soil. *Plant Pathology* (BSPP) 64(6): 1336-1348. DOI: 10.1111/ppa.12376

Abrego, N. & Salcedo I. 2015. Taxonomic gap in wood-inhabiting fungi: identifying understudied groups by a systematic survey. *Fungal Ecology* 15: 82-85. DOI: 10.1016/j.funeco.2015.01.005

Olariaga, I., Salcedo I., Daniëls, P.P. & Kautmanová, I. 2015. Taxonomy and phylogeny of yellow *Clavaria* species with clamped basidia – *Clavaria flavostellifera* sp. nov. and typifications of *C. argillacea*, *C. flavipes* and *C. sphagnicola*. *Mycologia* 107(1): 104-122. DOI: 10.3852/13-315

Abrego, N. & Salcedo I. 2014. Response of wood-inhabiting fungal richness and community to fragmentation in a beech forest landscape. *Fungal Ecology* 8: 18-27. DOI: 10.1016/j.funeco.2013.12.007

Abrego, N. & Salcedo I. 2013. Variety of woody debris as the factor influencing wood-inhabiting fungal richness and assemblages: is it a question of quantity or quality?. *Forest Ecology & Management* 291: 377-385. DOI: 10.1016/foreco.2012.11.025

## C.2. Research projects

**COMUNIDAD DE MADRID. M2169.** Origen, evolución y sistemática del orden Cantharellales (Basidiomycota, Fungi) mediante filogenómica (EVOCAN). Universidad Rey Juan Carlos. IP: Ibai Olariaga. Duración: 2020-2021. Financial assistance: 22.929 €. Researcher

**RTI2018-094623-B-C21 (MCIU/AEI/FEDER, UE).** Ministerio de Ciencia, Innovación y Universidades (MCIU), a la Agencia Estatal de Investigación (AEI) y al Fondo Europeo de Desarrollo Regional (FEDER). IPs: Carmen González Murua y Jose M<sup>a</sup> Estavillo (UPV/EHU). Duration: 2019-2021. Financial assistance: 157.300 €. Researcher

**GV IT932-16.** GRUPO DE INVESTIGACIÓN. Gobierno Vasco 2016- 2021. E.F.: Gobierno Vasco (Dpto. de Educación, Universidades e Investigación), IP: Carmen González Murua (UPV/EHU), Duration: 2016 - 2021. Financial assistance: 404.100 €. Researcher

**MINECO CGL2015-70452-R.** Estimación del tiempo de recuperación de bosques templados tras impactos antropogénicos históricos a lo largo de un gradiente de complejidad. Ministerio de Economía y Competitividad. IP: David Moreno Mateos (BC3), Duration: 2016 - 2018, Financial assistance: 141.000 €. Researcher

**MICINN CGL2012-35559.** Desenmascarando la Diversidad Oculta de Los Hongos Corticioides (Agaricomycotina) Macaronésicos. Ministerio de Economía y Competitividad. IP: M<sup>a</sup> Teresa Tellería Jorge (CSIC), Duration: 09/2012 - 09/2015, Financial assistance: 117.000 €. Researcher

**GV IE 10-277.** K- EGOKITZEN II- Cambio climático: impacto y adaptación-Klima aldaketa : inpaktua eta egokitzea. Gobierno Vasco (Dpto. Industria, comercio y turismo. IP: J. Loidi. Duration: 2010 - 2011. Financial assistance: 59.213 €. Researcher

**MICINN CGL2009-07231.** Biogeografía de Corticiáceos (Basidiomycota) macaronésicos: La conexión africana. Ministerio de Ciencia e Innovación. programa CGL (BOS). IP: M<sup>a</sup> Teresa Tellería Jorge (CSIC), Duration: 09/2009 - 09/2012, Financial assistance: 69.000 €. Researcher

**CGL2006-12732-C02-01.** Flora Micológica ibérica. VI. Programa Sectorial Promoción General del Conocimiento (PSPGS) del Ministerio de Educación y Cultura. IP: Margarita Dueñas (CSIC), Duration: 09/2006 - 09/2009, Financial assistance: 117.000 €. Researcher

### C.3. Contracts

**PT10686.** Inventario de la diversidad fúngica en Artikutza. Ayuntamiento de Donostia. IP: Isabel Salcedo. Duration: 01/04/21 - 31/12/21. Financial assistance: 14.401,57€

**US14/04.** Aplicación de los hongos ectomicorrícicos en el control biológico del cancer del pino. UPV/EHU-Empresa. IP: MK Duñabeitia. Duration: 9/10/2014 - 9/10/2016. Financial assistance: 20.782 €. Researcher

**2013.0393.** Caracterización y distribución de las especies fúngicas de la Lista Roja preliminar del País Vasco. Gobierno Vasco. Dpto. de Medio Ambiente y Ordenación del Territorio. IP: Isabel Salcedo. Duration: 30/10/13 - 31/12/13. Financial assistance: 10.890 €

**PT10056.** Evaluación del grado de amenaza de 21 macromicetos de la Lista Roja preliminar del País Vasco (Fase II). Ihobe S.A. Centro de Biodiversidad de Euskadi. IP: Isabel Salcedo. Duración: 01/11/10- 31/01/11. Financial assistance: 11.800 €

**P3623.** Evaluación del grado de amenaza de 21 macromicetos de la Lista Roja preliminar del País Vasco (Fase I). Ihobe S.A. Centro de Biodiversidad de Euskadi. IP: Isabel Salcedo. Duration: 01/09/09 - 31/03/10. Financial assistance: 11.600 €

### C.5. Congress

International: 20

National: 30

### C.6. Member of Scientific Societies

Member of the *Asociación española de especialistas en Micología* (AEEM).

Member of the *Sociedad Ibérica de Micología* (SIM)

Member of the *Société Aphylophiles de France*