

Jordi López-Pujol

Curriculum Vitae [as of June 2019]

I. PERSONAL PROFILE

Born: September 23th, 1976, at Tarragona (Spain)

Address: Botanic Institute of Barcelona (IBB-CSIC-ICUB)
Passeig del Migdia, s/n
Barcelona, 08038 (Catalonia, Spain)

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II. EDUCATION

1999 **Bachelor of Pharmacy.** University of Barcelona

2000 **Master of Pharmacy (Plant Biology).** University of Barcelona

2002 **Advanced Studies Diploma (DEA) of Pharmacy (Plant Biology).** University of Barcelona

2004 **Postgraduate in Advanced Formulation Techniques.** University of Barcelona

2004 **Postgraduate in Quality Assurance in Laboratories (ISO 9000, ISO 17025, and GLPs).** University of Barcelona

2005 **PhD (Plant Biology; Dissertation topic: Genetic diversity in endemic and/or threatened plant species of Western Mediterranean basin).** University of Barcelona

2008 **Postdoctoral Diploma [博士后学位].** Beijing Institute of Botany, Chinese Academy of Sciences

2011 **East Asian Studies post-graduate Diploma.** Open University of Catalonia

III. CURRENT POSITION

02/2016 - Present **CSIC Senior Researcher [*Científico Titular*]**
Botanic Institute of Barcelona (IBB-CSIC-ICUB)

IV. RESEARCH AREAS

- **Conservation biology**
 - Conservation genetics
 - Demography of rare and endangered species
 - Management and recovery plans for endangered species
 - Red listing
 - Plant databases/plant collections
 - Invasive alien species
- **Biogeography and evolution**
 - Plant distribution patterns
 - Phylogeography
 - Systematics, phylogeny and evolution in Compositae
 - Urban plant diversity
- **History of botany**

V. RESEARCH EXPERIENCE

- | | |
|-------------------|---|
| 10/1999 - 12/2005 | Laboratory of Botany, Faculty of Pharmacy, University of Barcelona
POSITION: Predoctoral fellow (till 04/2005); postdoctoral fellow (05/2005-12/2005)
ADVISORS: Dr. Cèsar Blanché and Dr. Joan Simon
TOPIC: Conservation biology of rare and endangered plant species of the Western Mediterranean Basin |
| 08/2003 - 10/2003 | State Key Laboratory of Systematic and Evolutionary Botany, Beijing Institute of Botany, Chinese Academy of Sciences
POSITION: Visiting student
ADVISOR: Dr. Song Ge
TOPIC: Conservation genetics of a Chinese endangered plant species (<i>Clematis acerifolia</i>) |
| 01/2006 - 02/2008 | State Key Laboratory of Systematic and Evolutionary Botany, Beijing Institute of Botany, Chinese Academy of Sciences
POSITION: Postdoctoral fellow
ADVISOR: Dr. Song Ge
TOPIC: Identification of plant glacial refugia in China |
| 03/2008 - 03/2011 | Botanic Institute of Barcelona (CSIC-ICUB)
POSITION: 'JAE-Doc' Programme researcher
ADVISOR: Dr. Roser Vilatersana
MAIN TOPIC: Conservation genetics of rare and endangered taxa of <i>Centaurea</i> (Asteraceae) from Spain |
| 02/2009 - 04/2009 | Departament of Molecular Biology and DNA Bank, Jardín Botánico Canario "Viera y Clavijo"
POSITION: Visiting researcher |

- ADVISOR: Dr. Juli Caujapé
 TOPIC: Microsatellite diversity in the endangered columbine *Aquilegia pui*
- 03/2011 - 05/2011 Laboratory of Botany, Faculty of Pharmacy, University of Barcelona
 POSITION: Post-doctoral researcher
 ADVISOR: Dr. Cèsar Blanché
 TOPIC: Conservation biology of rare and endangered plant species of the Western Mediterranean Basin
- 05/2011 - 09/2011 Botanic Institute of Barcelona (CSIC-ICUB)
 POSITION: Scientific collaborator
 TOPIC: Conservation genetics and phylogeography of plant species of the Mediterranean Basin
- 10/2011 - 09/2013 Laboratory of Botany, Faculty of Pharmacy, University of Barcelona
 POSITION: 'Beatriu de Pinós' Programme researcher
 ADVISOR: Dr. Cèsar Blanché
 MAIN TOPIC: Conservation genetics of the rare and threatened coastal rocky species of Western Mediterranean Basin
- 10/2013 - 01/2016 Botanic Institute of Barcelona (CSIC-ICUB)
 POSITION: Scientific collaborator/herbarium technician
 MAIN TOPIC: Conservation genetics and phylogeography of plant species of the Mediterranean Basin and East Asia

VI. GRANTS AND SCHOLARSHIPS

- 10/2000 - 03/2001 University of Barcelona fellowship (for research collaboration)
- 04/2001 - 03/2005 Ministry of Science and Education (of Spain) predoctoral fellowship (for obtaining the PhD)
- 08/2003 - 10/2003 Ministry of Science and Education (of Spain) grant for PhD stays abroad
- 04/2005 - 09/2005 University of Barcelona research contract
- 02/2006 - 01/2008 Ministry of Science and Education of Spain postdoctoral fellowship
- 03/2008 - 03/2011 CSIC research contract ('JAE-Doc' Programme)
- 03/2011 - 05/2011 University of Barcelona research contract
- 10/2011 - 10/2013 Catalanian Autonomous Government research contract ('Beatriu de Pinós' Programme)

VII. AWARDS

- 2001 Catalan Institution of Natural History (*Institució Catalana d'Història Natural, ICHN*) Award for Students
- 2005 PhD Degree Extraordinary Award of the University of Barcelona
- 2007 Burgen Scholar Award of the Academia Europaea
- 2008 'Font i Quer' Botany Award of the Institute for Catalan Studies (*Institut d'Estudis Catalans, IEC*)

VIII. PARTICIPATION IN FUNDED RESEARCH PROJECTS [42, 5 AS PI]

- 1997–2000 '*Bases para la gestión de la biodiversidad: biología de la reproducción y efectos del cambio climático en especies amenazadas*' [AMB97-0375]. Funded by: Interministerial Commission of Science and Technology (CICYT) [25,297 EUR]. PI: Cèsar Blanché. No. of researchers: 6.
- 2000 '*Estudi de l'estructura y dinàmica de les poblacions de l'espècie de la flora vascular: Delphinium bolosii*' [FBG301022-1]. Funded by: Catalan Autonomous Government [12,020 EUR]. PI: Cèsar Blanché. No. of researchers: 6.
- 2000 '*Estudi de l'estructura y dinàmica de les poblacions de l'espècie de la flora vascular: Thymus loscosii*' [FBG301022-2]. Funded by: Catalan Autonomous Government [8,013 EUR]. PI: Cèsar Blanché. No. of researchers: 6.
- 2000–2003 '*Conservación de la biodiversidad en zonas sometidas a impacto del sector turístico y fragmentación de poblaciones. Bases para la gestión de especies amenazadas*' [REN-2000-0829/GLO]. Funded by: Ministry of Science and Technology of Spain [32,714 EUR]. PI: Cèsar Blanché. No. of researchers: 6.
- 2000–2005 '*Dynamics and sustainable use of biodiversity and regional ecological security in the Yangtze Valley*' [G2000046805]. Funded by: Ministry of Science and Technology of China [4,350,000 CNY]. PI: Song Ge.
- 2001 '*Bases per al programa de conservació ex situ i in situ de l'espècie de flora vascular Delphinium bolosii*' [FBG301496-1]. Funded by: Catalan Autonomous Government [12,020 EUR]. PI: Cèsar Blanché. No. of researchers: 6.
- 2001 '*Bases per al programa de conservació ex situ i in situ de l'espècie de flora vascular Thymus loscosii*' [FBG301496-2]. Funded by: Catalan Autonomous Government [8,013 EUR]. PI: Cèsar Blanché. No. of researchers: 6.
- 2001–2003 '*Inventario de las especies y subespecies del Atlas*' [FBG

- 301274]. *Contrato de "Atlas de Flora Amenazada y Protegida de España Peninsular, Baleares y Canarias" (AFA)*'. Funded by: Ministry of Environment of Spain – TRAGSA [7,341 EUR]. PI: Cèsar Blanché. No. of researchers: 6.
- 2001–2004 '*Ajuda i reconeixement Grup de Recerca Consolidat Generalitat de Catalunya (R+D III Pla de Recerca de Catalunya: Biodiversitat i Biosistemàtica Vegetals)*' [2001-SGR 00125]. Funded by: Catalan Autonomous Government [36,061 EUR]. PI: Julià Molero. No. of researchers: 14.
- 2002 '*Establiment del Pla de Recuperació ex situ i in situ de Delphinium bolosii*' [FBG302051-1]. Funded by: Catalan Autonomous Government [12,020 EUR]. PI: Cèsar Blanché. No. of researchers: 7.
- 2002 '*Establiment del Pla de Recuperació ex situ i in situ de Thymus loscosii*' [FBG302051-2]. Funded by: Catalan Autonomous Government [8,013 EUR]. PI: Cèsar Blanché. No. of researchers: 7.
- 2003–2006 '*Conservación de procesos de especiación de disploides del género Delphinium en la Región Mediterránea occidental*' [REN2003-01815/GLO]. Funded by: Ministry of Science and Technology of Spain [62,050 EUR]. PI: Maria Bosch. No. of researchers: 6.
- 2004 '*Implementació del Pla de Recuperació de Delphinium bolosii*' [FBG303180]. Funded by: Catalan Autonomous Government [12,000 EUR]. PI: Cèsar Blanché. No. of researchers: 7.
- 2004–2007 '*Conservation genetic study on three endangered five-needled pines of China*' [30460020]. Funded by: National Natural Science Foundation of China [180,000 CNY]. PI: Zhi-Yong Zhang.
- 2005 '*Inventario de las especies y subespecies del Atlas*' [AFA2-20]. *Contrato del "Proyecto de continuación del Atlas de Flora Amenazada y Protegida de España Peninsular, Baleares y Canarias" (AFA)*'. Funded by: Ministry of Environment of Spain – TRAGSA [1,857 EUR]. PI: Cèsar Blanché. No. of researchers: 7.
- 2005 '*Estudi bàsic sobre l'estat de conservació, biologia de poblacions i propostes de protecció per a Aquilegia pui*' [FBG303608]. Funded by: Catalan Autonomous Government [12,000 EUR]. PI: Cèsar Blanché. No. of researchers: 8.
- 2005 '*Aquilegia pui: cens i estudi demogràfic*' [FBG303558]. Funded by: Els Ports Nature Reserve (Catalan Autonomous Government) [3,600 EUR]. PI: Cèsar Blanché. No. of researchers: 4.
- 2005–2008 '*Ajuda i reconeixement Grup de Recerca Consolidat Generalitat de Catalunya (R+D III Pla de Recerca de Catalunya: Biodiversitat i Biosistemàtica Vegetals)*' [2005-SGR 00344].

Funded by: Catalan Autonomous Government [46,600 EUR]. PI: Julià Molero. No. of researchers: 23.

- 2007–2009 *'The impacts of plant invasions on the biodiversity in the China's Three Gorges Region and the management strategies'* [O754101H01]. Funded by: Chinese Academy of Sciences [350,000 CNY]. PI: Ming-Xun Ren.
- 2007–2009 *'Studies on ecological genetics of small populations in plants'* [KZCX2-YW-414]. Funded by: Chinese Academy of Sciences [2,000,000 CNY]. PI: Song Ge.
- 2007-2011 *'Biología de la conservación de especies vegetales amenazadas de área extremadamente reducida'* [CGL2007-60475/BOS]. Funded by: Ministry of Science and Education of Spain [121,000 EUR]. PI: Cèsar Blanché. No. of researchers: 6.
- 2008 *'Projecte de conservació d'Stachys maritima al Prat de Llobregat'*. Funded by: Consortium for the Management and Protection of the Natural Areas of Llobregat Delta [3,000 EUR]. PI: Núria Membrives. No. of researchers: 4.
- 2008–2010 *'Pollination adaptations of different types of stamen fusion in the hermaphrodite flowers'* [30700089]. Funded by: National Natural Science Foundation of China [170,000 CNY]. PI: Ming-Xun Ren.
- 2008–2010 *'Molecular phylogeography of several beeches of China'* [30760016]. Funded by: National Natural Science Foundation of China [170,000 CNY]. PI: Zhi-Yong Zhang.
- 2009 *'Estudio básico de Bunium bulbocastanum L. y Dracocephalum austriacum L.'* [20094258/FBG]. Funded by: TRAGSATEC [3,926 EUR]. PI: Cèsar Blanché. No. of researchers: 6.
- 2009–2010 *'The Cultivation Program for young scientists of Jiangxi Province'* [2008DQ01500]. Funded by: Government of Jiangxi Province [50,000 CNY]. PI: Zhi-Yong Zhang.
- 2009–2012 *'DEMIURGO: Bancos de información genética poblacional y meta-análisis de la Flora Marañonesa'* [MAC/1/C20]. Funded by: Transnational Cooperation Programme Madeira-Açores-Canary Islands (PCT-MAC 2007-2013, European Union) [814.378 EUR]. PI: Juli Caujapé-Castells. No. of researchers: 22.
- 2009–2013 *'Ajuda i reconeixement Grup de Recerca Consolidat Generalitat de Catalunya (Pla de Recerca i Innovació de Catalunya: PRI 2005-2008)'* [2009-SGR 439]. Funded by: Catalan Autonomous Government [58,240 EUR]. PI: Julià Molero. No. of researchers: 45.
- 2010–2013 *'Patrones poblacionales, evolutivos y filogeográficos en las Cardueae (Compositae) en el Mediterráneo'* [CGL2010-18631/BOS]. Funded by: Ministry of Science and Innovation of

- Spain [80,000 EUR]. PI: Roser Vilatersana. No. of researchers: 10.
- 2011–2014 *'The driving and control mechanism of urban ecosystem patterns and process evolution in Beijing'* [41030744]. Funded by: National Natural Science Foundation of China [2,100,000 CNY]. PI: Zhi-Yun Ouyang.
- 2012–2013 *'Conservation of the critically endangered endemic flora of the Selvagens ('Savage') Islands, Atlantic Ocean'* [10251651]. Funded by: The Mohammed bin Zayed Species Conservation Fund [10,000 USD]. PI: Jordi López-Pujol. No. of researchers: 6.
- 2012–2013 *'Avaluació del retrobament de Delphinium bolosii al Parc Natural de Sant Llorenç de Munt i de l'Obac (Fases 1 i 2). Propostes de gestió'* [FBG307118]. Funded by: Natural Areas Administration of the Barcelona Province Government [2,789 EUR]. PI: Cèsar Blanché. No. of researchers: 7.
- 2013 *'Seguiment i estudi demogràfic de Seseli farrenyi'* [FBG307420]. Cap de Creus Nature Reserve (Catalan Autonomous Government) [2,700 EUR]. PI: Jordi López-Pujol. No. of researchers: 4.
- 2013–2015 *'Driving forces along an urban-suburban gradient: spatial patterns and plant diversity variation of residential vegetation in Beijing, China'* [41201049]. Funded by: National Natural Science Foundation of China [260,000 CNY]. PI: Hua-Feng Wang.
- 2014 *'Criteris i propostes de gestió a partir de l'estudi de biologia reproductiva de la població de Delphinium bolosii al Parc Natural de Sant Llorenç del Munt i l'Obac'* [FBG307801]. Funded by: Natural Areas Administration of the Barcelona Province Government [4,502 EUR]. PI: Cèsar Blanché & Maria Bosch. No. of researchers: 7.
- 2014–2017 *'Ajuts per donar suport a les activitats dels Grups de Recerca (SGR) "Biodiversitat i Biosistemàtica Vegetals (GReB)"'* [2014-SGR 514]. Funded by: Catalan Autonomous Government [63,000 EUR]. PI: Joan Vallès. No. of researchers: 33.
- 2016–2017 *'Plantas alóctonas invasoras: riqueza y patrones'* [201630I024 - Proyecto Intramural Especial, PIE]. Funded by: Spanish National Research Council [9,000 EUR]. PI: Jordi López-Pujol. No. of researchers: 1.
- 2016–2019 *'FLORAPYR'* [EFA100/15]. Funded by: Cooperation programme Spain-France-Andorra (POCTEFA), Interreg V-A, European Union [822,738 EUR]. PI: Gérard Largier.
- 2016–2020 *'Island-like alpine radiations in Asia: the cases of Saussurea and Jurinea in the Himalayan-Qinghai-Tibetan Plateau and the Tian-Shan'* [CGL2015-66703-P]. Funded by: Ministry of Economy

and Competitiveness of Spain [159,700 EUR]. PI: Alfonso Susanna & Jordi López-Pujol. No. of researchers: 17.

- 2017–2018 'Anàlisi genètica de la planta endèmica del cap de Creus *Seseli farrenyi*' [PTOP-2017-827]. Funded by: Catalan Autonomous Government [21,659 EUR]. PI: Jordi López-Pujol. No. of researchers: 5.
- 2017–2019 'Ajut de suport al grup de recerca consolidat "Biodiversitat i Biosistemàtica Vegetals"' [2017 SGR 01116]. Funded by: Catalan Autonomous Government [37,840 EUR]. PI: Joan Vallès. No. of researchers: 35.
- 2018–2021 'Species delimitation, phylogeny and biogeography of *Fagus L. in the world*' [31770236]. Funded by: National Natural Science Foundation of China [740,000 CNY]. PI: Zhi-Yong Zhang. No. of researchers: 8.

IX. PUBLICATIONS

ARTICLES IN JCR (JOURNAL CITATION REPORTS - WEB OF KNOWLEDGE) JOURNALS [78]

1. López-Pujol, J., Bosch, M., Simon, J. & Blanché, C. 2001. Allozyme diversity of two endemic *Petrocoptis* species: *P. montsiciana* and its close relative *P. pardoii* (Caryophyllaceae). *Canadian Journal of Botany*, 79: 1379–1389.
2. López-Pujol, J., Bosch, M., Simon, J. & Blanché, C. 2002. Allozyme variation and population structure of the very narrow endemic *Seseli farrenyi* (Apiaceae). *Botanical Journal of the Linnean Society*, 138: 305–314.
3. López-Pujol, J., Bosch, M., Simon, J. & Blanché, C. 2003. Population genetics and conservation priorities for the critically endangered island endemic *Delphinium pentagynum* subsp. *formenterianum* (Ranunculaceae). *Biodiversity and Conservation*, 12: 1937–1951.
4. López-Pujol, J., Orellana, M. R., Bosch, M., Simon, J. & Blanché, C. 2003. Effects of habitat fragmentation on allozyme diversity and conservation status of the coastal sand dune plant *Stachys maritima* (Lamiaceae) in the Iberian Peninsula. *Plant Biology*, 5: 504–512.
5. López-Pujol, J., Bosch, M., Simon, J. & Blanché, C. 2004. Allozyme diversity in the tetraploid endemic *Thymus loscosii* (Lamiaceae). *Annals of Botany*, 93: 323–332.
6. Chung, M.Y. Suh, Y., López-Pujol, J., Nason, J. & Chung, M.G. 2005. Clonal and fine-scale genetic structure in populations of a restricted Korean endemic, *Hosta jonesii* (Liliaceae) and the implications for conservation. *Annals of Botany*, 96: 279–288.
7. López-Pujol, J., Zhang, F.-M. & Ge, S. 2005. Population genetics and conservation of the critically endangered *Clematis acerifolia* (Ranunculaceae). *Canadian Journal of Botany*, 83: 1248–1256.
8. Liu, Z.-M., Zhao, A.-M., Kang, X.-Y., Zhou, S.-L. & López-Pujol, J. 2006.

- Genetic diversity, population structure, and conservation of *Sophora moorcroftiana* (Fabaceae), a shrub endemic to the Tibetan Plateau. *Plant Biology*, 8: 81–92.
9. López-Pujol, J., Álvarez, N., Bosch, M., Simon, J. & Blanché, C. 2006. Allozyme variation and taxonomical implications of the endemic rocky plant *Erodium rupestre* (Geraniaceae). *Biochemical Systematics and Ecology*, 34: 219–230.
 10. López-Pujol, J., Zhang, F.-M. & Ge, S. 2006. Plant biodiversity in China: richly varied, endangered and in need of conservation. *Biodiversity and Conservation*, 15: 3983–4026.
 11. Orellana, M. R., López-Pujol, J., Blanché, C. & Bosch, M. 2007. Relationships between heterozygosity and fitness in the Iberian threatened larkspur *Delphinium bolosii* (Ranunculaceae). *Flora*, 202: 161–168.
 12. López-Pujol, J., Font, J., Simon, J. & Blanché, C. 2007. Can the preservation of historical relicts permit the conservation of endangered plant species? The case of *Silene sennenii* (Caryophyllaceae). *Conservation Genetics*, 8: 903–912.
 13. López-Pujol, J., Orellana, M. R., Bosch, M., Simon, J. & Blanché, C. 2007. Low genetic diversity and allozymic evidence for autopolyploidy in the tetraploid Pyrenean endemic larkspur *Delphinium montanum* (Ranunculaceae). *Botanical Journal of the Linnean Society*, 155: 211–222.
 14. Orellana, M.R., López-Pujol, J., Blanché & C Bosch, M. 2007. Genetic diversity in the endangered dysploid larkspur *Delphinium bolosii* and its close diploid relatives in the series *Fissa* of the Western Mediterranean area. *Biological Journal of the Linnean Society*, 92: 773–784.
 15. López-Pujol, J., Zhang, F.-M. & Ge, S. 2008. No correlation between heterozygosity and vegetative fitness in the narrow endemic and critically endangered *Clematis acerifolia* (Ranunculaceae). *Biochemical Genetics*, 46: 433–445.
 16. Orellana, M. R., López-Pujol, J., Blanché, C., Rovira A. M. & Bosch, M. 2009. Genetic diversity in *Delphinium staphisagria*, a rare Mediterranean dysploid larkspur with medicinal uses. *Genetica*, 135: 221–232.
 17. López-Pujol, J. & Ren, M.-X. 2009. Biodiversity and the Three Gorges Reservoir: a troubled marriage. *Journal of Natural History*, 43: 2765–2786.
 18. Tian, S., López-Pujol, J., Wang, H.-W., Ge, S. & Zhang, Z.-Y. 2010. Molecular evidence for glacial expansion and interglacial retreat during the Quaternary climatic changes in a montane temperate pine (*Pinus kwangtungensis* Chun ex Tsiang) in southern China. *Plant Systematics and Evolution*, 284: 219–229.
 19. Martinell, M. C., López-Pujol, J., Blanché, C. & Bosch, M. 2010. Low genetic variability in the endemic, highly threatened *Aquilegia paui* Font Quer (Ranunculaceae). *Biochemical Systematics & Ecology*, 38: 390–397.
 20. Hou, M., López-Pujol, J., Qin H.-N., Wang L.-S. & Liu, Y. 2010. Distribution pattern and conservation priorities for vascular plants in Southern China: Guangxi Province as a case study. *Botanical Studies*, 51: 377–386.
 21. Martinell, M. C., López-Pujol, J., Blanché, C., Molero, J. & Sàez, L. 2011. Conservation assessment of *Aquilegia paui* (Ranunculaceae): a case study of an extremely narrow endemic. *Oryx*, 45: 187–190.
 22. López-Pujol, J., Zhang, F.-M., Sun, H.-Q., Ying, T.-S. & Ge, S. 2011. Centres of plant endemism in China: places for survival or for speciation? *Journal of Biogeography*, 38: 1267–1280.

23. López-Pujol, J., Zhang, F.-M., Sun, H.-Q., Ying, T.-S. & Ge, S. 2011. Mountains of southern China as 'plant museums' and 'plant cradles': evolutionary and conservation insights. *Mountain Research and Development*, 31: 261–269.
24. Wang H.-F., López-Pujol, J. (co-first author), Meyerson, L. A., Qiu, J.-X., Wang X.-K. & Ouyang, Z.-Y. 2011. Biological invasions in rapidly urbanizing areas: a case study of Beijing, China. *Biodiversity and Conservation*, 20: 2483–2509.
25. Wang, H.-F., MacGregor-Fors, I., & López-Pujol, J. 2012. Warm-temperate, immense, and sprawling: plant diversity drivers in urban Beijing, China. *Plant Ecology*, 213: 967–992.
26. López-Pujol, J., Garcia-Jacas, N., Susanna, A. & Vilatersana, R. 2012. Should we conserve pure species or hybrid species? Delimiting hybridization and introgression in the Iberian endemic *Centaurea podospermifolia*. *Biological Conservation*, 152: 271–279.
27. Chung, M. Y., López-Pujol, J., Maki, M., Kim, K.-J., Chung, J. M., Sun, B.-Y. & Chung, M. G. 2012. Genetic diversity in the common terrestrial orchid *Oreorchis patens* and its rare congener *Oreorchis coreana*: inference of species evolutionary history and implications for conservation. *Journal of Heredity*, 103: 692–702.
28. Lei, M., Wang, Q., Wu, Z.-J., López-Pujol, J., Li, D.-Z. & Zhang, Z.-Y. 2012. Molecular phylogeography of *Fagus engleriana* (Fagaceae) in subtropical China: limited admixture among multiple refugia. *Tree Genetics & Genomes*, 8: 1203–1212.
29. Chung, M. Y., López-Pujol, J., Chung, J. M., Kim, K.-J. & Chung, M. G. 2012. Low within population genetic variation and high among population differentiation in *Cyrtomium falcatum* (Dryopteridaceae) in Southern Korea: Inference of population-establishment history. *American Fern Journal*, 102: 256–272.
30. Hoyo, A. del, López-Pujol, J. (co-first author), Chung, M.-Y. & Lasso de la Vega, B. 2012. Population genetics and conservation of the extremely narrow Pyrenean palaeoendemic *Glandora oleifolia* (Boraginaceae). *Plant Ecology & Diversity*, 5: 501–511.
31. Chung, M. Y., López-Pujol, J. & Chung, M. G. 2013. Low genetic diversity in marginal populations of *Bletilla striata* (Orchidaceae) in southern Korea: Insights into population history and implications for conservation. *Biochemical Systematics and Ecology*, 46: 88–96.
32. Chung, M. Y., Chung, J. M., López-Pujol, J., Park, S. J. & Chung, M. G. 2013. Genetic diversity in three species of *Forsythia* (Oleaceae) endemic to Korea: Implications for population history, taxonomy, and conservation. *Biochemical Systematics and Ecology*, 47: 80–92.
33. Chung, M. Y., López-Pujol, J., Moon, M.-O., Chung, J. M., Kim, C. S., Sun, B.-Y. Kim, K.-J. & Chung, M. G. 2013. Comparison of genetic diversity in the two arctic-alpine plants *Diapensia lapponica* var. *obovata* (Diapensiaceae) and *Empetrum nigrum* var. *japonicum* (Empetraceae) between Sakhalin in Russian Far East and Jeju Island in Korea, the southernmost edge of their distribution range. *Population Ecology*, 55: 159–172.
34. López-Pujol, J., Martinell, M. C., Massó, S., Blanché, C. & Sáez, L. 2013. The 'paradigm of extremes': Extremely low genetic diversity in a extremely narrow endemic species, *Coristospermum huteri* (Umbelliferae). *Plant*

- Systematics and Evolution*, 299: 439–446 [COVER ARTICLE].
35. Chung, M. Y., López-Pujol, J., Maki, M., Moon, M.-O., Hyun, J. O. & Chung, M. G. 2013. Genetic variation and structure within 3 endangered *Calanthe* species (Orchidaceae) from Korea: inference of population-establishment history and implications for conservation. *Journal of Heredity*, 104: 248–262.
 36. Chung, M. Y., López-Pujol, J., Chung, J. M., Moon, M.-O. & Chung, M. G. 2013. Genetic diversity in the homosporous fern *Ophioglossum vulgatum* (Ophioglossaceae) from South Korea: Inference of mating system and population history. *Journal of Heredity*, 104: 263–272.
 37. López-Pujol, J., Martinell, M. C., Massó, S., Rovira, A. M., Bosch, M., Molero, J., Simon, J. & Blanché, C. 2013. Conservation genetics of *Dichoropetalum schottii* (Apiaceae): is the legal protection of edge populations consistent with the genetic data? *Annales Botanici Fennici*, 50: 269–283.
 38. Chung, M. Y., Moon, M.-O., López-Pujol, J., Chung, J. M. & Chung, M. G. 2013. Genetic diversity in the two endangered endemic species *Kirengeshoma koreana* (Hydrangeaceae) and *Parasenecio pseudotaimingasa* (Asteraceae) from Korea: insights into population history and implications for conservation. *Biochemical Systematics and Ecology*, 51: 60–69.
 39. Chung, M. Y., López-Pujol, J. & Chung, M. G. 2013. Population history of the two carnivorous plants *Drosera peltata* var. *nipponica* and *D. rotundifolia* (Droseraceae) in Korea. *American Journal of Botany*, 100: 2231–2239.
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- 2001 López-Pujol, J., Bosch, M. & Blanché, C. Diversité isoenzymatique de l'endémique des Pre-Pyrénées *Petrocoptis montsicciana* et l'espèce proche *P. pardoii*. IV Colloqui Internacional de Botànica Pirenaico-Cantàbrica. Barruera - Vall de Boí (Lleida, Spain) [Oral presentation].
- 2001 Bosch, M., Simon, J., Rovira, A., Molero, J., López-Pujol, J. & Blanché, C. Fragmentation effects on pollination ecology and genetic diversity in endemic Mediterranean species. X OPTIMA Meeting. Palermo (Sicily, Italy) [Oral presentation].
- 2001 López-Pujol, J., Bosch, M., Simon, J. & Blanché, C. Allozyme variation and population structure of *Seseli farrenyi* (Apiaceae). X OPTIMA Meeting. Palermo (Sicily, Italy) [Poster presentation].
- 2001 Molero, J., López-Pujol, J., Bosch, M., Simon, J. & Blanché, C. Genetic variation and biogeography of *Petrocoptis pardoii* (Caryophyllaceae) s.l. (incl. *P. montsicciana*). X OPTIMA Meeting. Palermo (Sicily, Italy) [Poster presentation].
- 2001 López-Pujol, J., Bosch, M., Simon, J. & Blanché, C. Diversitat isoenzimàtica en espècies endèmiques de la flora dels Països Catalans. Jornades de Genètica i Biodiversitat. Bellaterra (Barcelona, Spain) [Oral presentation].
- 2002 López-Pujol, J., Orellana, M.R., Simon, J. & Blanché, C. Efectos de la fragmentación del hábitat sobre la diversidad genética de *Stachys maritima* (Lamiaceae) y estado actual de conservación. I Congreso de Biología de la Conservación de Plantas. Valencia (Spain) [Poster presentation].
- 2002 Molero, J., Bosch, M., Rovira, A.M., López-Pujol, J., Simon, J. & C. Blanché, C. Evaluación del estado de conservación de *Seseli farrenyi* Molero & Pujadas. I Congreso de Biología de la Conservación de Plantas. Valencia (Spain) [Poster presentation].
- 2003 López-Pujol, J., Bosch, M., Simon, J. & Blanché, C. Population genetic structure and conservation priorities for the critically endangered island endemic *Delphinium pentagynum* subsp. *formenterianum* (Ranunculaceae). VI Conference on Plant Taxonomy. Alghero (Sardinia, Italy) [Poster presentation].

- 2003 Bosch, M., Molero, J., Rovira, A., Simon, J., **López-Pujol, J.**, Orellana M. R. & Blanché, C. Recovery plans for *Delphinium bolosii* and *Thymus loscosii*: results from three year studies and conclusions. VI Conference on Plant Taxonomy. Alghero (Sardinia, Italy) [Poster presentation].
- 2003 Orellana M. R., Orejuela, L., **López-Pujol, J.**, Bosch, M., Simon, J., Rovira, A., Molero, J., & Blanché, C. Design of a reintroduction plan for *Delphinium bolosii* from data on reproductive biology and genetic diversity. VI Conference on Plant Taxonomy. Alghero (Sardinia, Italy) [Poster presentation].
- 2004 Blanché, C., **López-Pujol, J.**, Orellana, M.R., Simon, J. & Bosch, M. Diversidad genética de la flora mediterránea amenazada. Avances recientes bajo el impulso de la Biología de la Conservación. 2nd World Botanic Gardens Congress. Barcelona [Oral presentation].
- 2004 **López-Pujol, J.**, Zhao, A.-M., Zhang, F.-M. & Ge, S. Conservation genetics of two severely threatened plants: *Clematis acerifolia* and *Sophora moorcroftiana*. IXth IOPB Meeting 2004 - Plant Evolution in Mediterranean Climate Zones. Valencia (Spain) [Poster presentation].
- 2004 Blanché, C., **López-Pujol, J.**, Orellana, M.R., Simon, J. & Bosch, M. Studies on genetic diversity and fitness in the endemic *Delphinium bolosii* (Ranunculaceae). IXth IOPB Meeting 2004 - Plant Evolution in Mediterranean Climate Zones. Valencia (Spain) [Poster presentation].
- 2004 **López-Pujol, J.**, Orellana, M.R., Bosch, M., Simon, J. & Blanché, C. Diversidad isoenzimática en el endemismo tetraploide pirenaico *Delphinium montanum* (Ranunculaceae). VII Colloque International de Botanique Pyrénéo-Cantabrique. Bagnères de Bigorre (France) [Poster presentation].
- 2004 **López-Pujol, J.**, Álvarez, N., Simon, J. & Blanché, C. Allozyme diversity in the endemic rocky plant *Erodium rupestre* (Geraniaceae). XI OPTIMA Meeting. Beograd (Serbia) [Poster presentation].
- 2004 Orellana, M.R., **López-Pujol, J.**, Blanché, C. & Bosch, M. New data of genetic diversity from a recently discovered population of *Delphinium bolosii* (Ranunculaceae). XI OPTIMA Meeting. Beograd (Serbia) [Poster presentation].
- 2004 **López-Pujol, J.**, Font, J., Simon, J. & Blanché, C. Genetic structure and conservation priorities for *Silene sennenii* (Caryophyllaceae), a narrow endemic and critically endangered species of the Iberian Peninsula. 4th European Conference on the Conservation of Wild Plants. Valencia (Spain) [Poster presentation].
- 2005 Orellana, M.R., **López-Pujol, J.**, Blanché, C., Rovira, A.M., Simon, J. & Bosch, M. Allozyme diversity of diploid and dysploid species of *Delphinium* series *Fissa* (Ranunculaceae) in the W Mediterranean area. XVII International Botanical Congress. Vienna (Austria) [Poster presentation].
- 2005 **López-Pujol, J.** An insight into the 50 most threatened plants of China. XVII International Botanical Congress. Vienna (Austria) [Poster presentation].
- 2005 Bosch, M., Orellana, M.R., Pitarch R., **López-Pujol, J.** & Blanché, C. Diversidad genética de *Delphinium mansanetianum* Pitarch, Peris & Sanchís. II Congreso de Biología de la Conservación de Plantas. Gijón (Spain) [Poster presentation].

- 2005 **López-Pujol, J.**, Blanché, C., Orellana, M.R., Simon, J. & Bosch, M. Estudios isoenzimáticos en la flora dels Països Catalans. II Congreso de Biología de la Conservación de Plantas. Gijón (Spain) [Poster presentation].
- 2005 Bosch, M., **López-Pujol, J.**, Orellana, M.R. & Blanché, C. Consequences of landscape fragmentation on the reproductive success and genetic diversity of narrow endemic Iberian plants. Colloque International "Conservation de la Flore Méditerranéenne dans un Environnement Changeant". Hyères (France) [Oral presentation].
- 2006 Blanché, C., Molero, J., Rovira, A., Simon, J., Bosch, M., **López-Pujol J.** & Orellana M.R. Biologia de la conservació: conseqüències de la fragmentació dels hàbitats litorals. I Jornades de Botànica a Menorca. Maó (Menorca, Spain) [Oral presentation].
- 2006 Orellana M. R., Rovira, A. M., **López-Pujol, J.**, Blanché C. & Bosch M. Genetic diversity in the dysploid and threatened Mediterranean larkspur *Delphinium staphisagria* L. (Ranunculaceae). 1st European Congress of Conservation Biology. Eger (Hungary) [Poster presentation].
- 2007 Martinell M.C., **López-Pujol, J.**, Orellana, M.R., Molero, J., Sàez, L., Bosch, M. & Blanché, C. Diversidad isoenzimática en *Aquilegia papi* (Ranunculaceae), una especie endémica extrema de "Els Ports de Tortosa" (Tarragona). III Congreso de Biología de la Conservación de Plantas. Puerto de la Cruz (Canary Islands, Spain) [Poster presentation].
- 2008 Bosch, M., Orellana, M.R., **López-Pujol, J.**, Rovira, A., Martinell, M.C., Simon, J., Molero, J. & Blanché, C. *Delphinium bolosii* (Ranunculaceae): història d'una de les poques espècies catalanes incloses al Catálogo Nacional de Especies Amenazadas. les Jornades Catalanes de Conservació de Flora. Blanes (Barcelona, Spain) [Oral presentation].
- 2008 **López-Pujol, J.**, Martinell M.C., Orellana, M.R., Molero, J., Sàez, L., Bosch, M. & Blanché, C. Diversitat isoenzimàtica en *Aquilegia papi* (Ranunculaceae), una espècie endèmica d'àrea extremadament reduïda dels Ports de Tortosa. les Jornades Catalanes de Conservació de Flora. Blanes (Barcelona, Spain) [Poster presentation].
- 2008 Rovira, A.M., Armengol, A., Guasch, L., Martinell M.C., Orellana, M.R., **López-Pujol, J.**, Bosch, M., Simon, J., Molero, J. & Blanché, C. BIOC, 10 anys (1997-2007) de recerca en biologia de la conservació. les Jornades Catalanes de Conservació de Flora. Blanes (Barcelona, Spain) [Poster presentation].
- 2009 Martinell, M.C., **López-Pujol, J.** & Blanché, C. New and rediscovered populations of *Stachys maritima* in the Iberian Peninsula: Re-evaluation of its genetic diversity. European Science Foundation (ESF) Conservation Genetics Conference. Trondheim (Norway) [Poster presentation].
- 2009 del Hoyo, A. & Lasso de la Vega, B. & **López-Pujol, J.** Diversidad genética de dos endemismos ibéricos del género *Lithodora*: *L. nitida* y *L. oleifolia*. X Symposium de la Asociación Ibero-Macaronésica de Jardines Botánicos. Málaga (Spain) [Oral presentation].
- 2009 Rovira, A., Martinell, M.C., Soto, M., **López-Pujol, J.** & Bosch, M. Blanche, C. Primeros datos de diversidad genética de la única

- población ibérica de *Holandrea schottii*. IV Congreso de Biología de la Conservación de Plantas. University of Almería (Spain) [Poster presentation].
- 2009 Martinell, M.C., Rovira, A., Massó, S., **López-Pujol, J.** Blanché, C & Bosch, M. Estado de conservación de dos poblaciones de *Silene sennenii*: polinización, éxito reproductivo y variabilidad genética. IV Congreso de Biología de la Conservación de Plantas. University of Almería (Spain) [Poster presentation].
- 2009 **López-Pujol, J.**, del Hoyo, A. & Lasso de la Vega, B. Genética de la conservación del endemismo extremo pirenaico *Glandora oleifolia* (Boraginaceae). IV Congreso de Biología de la Conservación de Plantas. University of Almería (Spain) [Poster presentation].
- 2009 Blanché, C., Martinell, M.C. & **López-Pujol, J.** Lecciones de la genética de la conservación para un plan de recuperación de *Stachys maritima*. IV Congreso de Biología de la Conservación de Plantas. University of Almería (Spain) [Poster presentation].
- 2010 Martinell, M. C., **López-Pujol, J.**, Soto, M., Rovira, A., Simon, J., Bosch, M. & Blanché, C. Anàlisi de la diversitat genètica de la població garrotxina de *Dichoropetalum schottii*. Significació biogeogràfica. IV Seminari sobre patrimoni natural de la comarca de la Garrotxa. Olot (Spain) [Oral presentation].
- 2010 López-Vinyallonga, S., **López-Pujol, J.**, Martinell, M. C., Jaén, R., Caujapé-Castells, J. & Blanché, C. Diversitat genètica i estructura poblacional d'*Aquilegia puii* estimada amb marcadors hipervariables (microsatèl·lits). II Jornades Catalanes de Conservació de Flora. Barcelona (Spain) [Oral presentation].
- 2010 Blanché, C., Bosch, M., **López-Pujol, J.**, Martinell, M. C., Massó, S., Molero, J., Orellana, R., Rovira, A. & Simon, J. Aportacions de la Genètica de la Conservació a una futura Estratègia de conservació de la flora de Catalunya. II Jornades Catalanes de Conservació de Flora. Barcelona (Spain) [Oral presentation].
- 2010 **López-Pujol, J.**, Garcia-Jacas, N., Susanna, A. & Vilatersana, R. Diversitat genètica i hibridació en *Centaurea podospermifolia*, endemisme dels Ports de Tortosa-Beseit i la serra de Cardó. II Jornades Catalanes de Conservació de Flora. Barcelona (Spain) [Poster presentation].
- 2010 Barriocanal, C., Blanché, C., Font, J., **López-Pujol, J.** & Carabús, M. Seguiment d'*Stachys maritima* a la Costa Brava: període 2008-2010. II Jornades Catalanes de Conservació de Flora. Barcelona (Spain) [Poster presentation].
- 2010 Barres, L., Martinell, M. C. & **López-Pujol, J.** Assajos preliminars per a l'estudi de la diversitat genètica d'*Euphorbia margalidiana* (Euphorbiaceae) amb electroforesi d'isoenzims. II Jornades Catalanes de Conservació de Flora. Barcelona (Spain) [Poster presentation].
- 2010 Blanché, C., Martinell, M. C., **López-Pujol, J.**, Massó, S., Bosch, M., Rovira, A. & Simon, J. Estructura i diversitat genètica de les poblacions pirinenques de *Dichoropetalum schottii* (Bess.) Pimenov & Kljuikov (Apiaceae): avaluació per a l'establiment de prioritats en conservació. IX Col·loqui Internacional de Botànica pirenaico-cantàbrica. Ordino (Andorra) [Poster presentation].

- 2011 Blanché, C., Rovira, A., Simon, J., Bosch, M., **López-Pujol, J.**, Martinell, M. C. & Massó, S. Fragmentación de poblaciones en especies endémicas, raras y amenazadas de la región mediterránea. V Congreso de Biología de la Conservación de Plantas. Es Mercadal (Menorca, Spain) [Oral presentation].
- 2011 Blanché, C., **López-Pujol, J.**, Bosch, M., Martinell, M. C., Rovira, A., Massó, S. & Simon, J. Portal Internet del BioC: una herramienta de difusión de la investigación en Biología de la Conservación de plantas". V Congreso de Biología de la Conservación de Plantas. Es Mercadal (Menorca, Spain) [Oral presentation].
- 2011 Massó, S., **López-Pujol, J.**, Soler, J. X. & Vilatersana R. Primeros estudios moleculares en *Carduncellus dianius*, un endemismo diánico-pitiúsico". V Congreso de Biología de la Conservación de Plantas. Es Mercadal (Menorca, Spain) [Poster presentation].
- 2011 Galian, A., Vilatersana, R., **López-Pujol, J.** & Garcia-Jacas, N. Estudio sobre el origen híbrido y la diversidad genética de *Centaurea genesii-lopezii* (*Cardueae, Compositae*)". V Congreso de Biología de la Conservación de Plantas. Es Mercadal (Menorca, Spain) [Poster presentation].
- 2011 **López-Pujol, J.**, Garcia-Jacas, N., Susanna, A. & Vilatersana, R. Diversidad genética e hibridación en *Centaurea podospermifolia*, un endemismo del noreste de la península ibérica. V Congreso de Biología de la Conservación de Plantas. Es Mercadal (Menorca, Spain) [Poster presentation].
- 2011 López-Vinyallonga, S., Martinell, M. C., **López-Pujol, J.** & Blanché, C. Delimitación filogenética de *Aquilegia pauti*, especie endémica y amenazada del Massís dels Ports. V Congreso de Biología de la Conservación de Plantas. Es Mercadal (Menorca, Spain) [Poster presentation].
- 2011 Massó, S., **López-Pujol, J.**, Martinell, M. C., Blanché, C. & Vilatersana, R. Estudio filogeográfico en *Dichoropetalum schottii*. V Congreso de Biología de la Conservación de Plantas. Es Mercadal (Menorca, Spain) [Poster presentation].
- 2012 **López-Pujol, J.**, Martinell, M. C., Massó, S., Blanché, C. & Sáez, L. "El paradigma dels extrems": Diversitat genètica extremadament baixa en *Coristospermum huteri* (*Umbelliferae*), un endemisme d'àrea extremadament reduïda. III Jornades de Conservació de Flora. Lleida (Spain) [Oral presentation].
- 2012 López-Vinyallonga, S., Martinell, M. C., **López-Pujol, J.**, Massó, S. & Blanché, C. Tres noves aproximacions a l'estudi de la diversitat genètica de *Silene sennenii* (*Caryophyllaceae*). III Jornades de Conservació de Flora. Lleida (Spain) [Oral presentation].
- 2012 Ben-Menni Schuler, S., **López-Pujol, J.**, Blanca, G., Vilatersana, R., Garcia-Jacas, N. & Suárez-Santiago, V. N. Homoploid hybrid speciation in a narrow endemic knapweed: disentangling reticulate evolution in section *Willkommia*". 21st International Symposium "Biodiversity and Evolutionary Biology" of the German Botanical Society (DBG). Mainz (Germany) [Oral presentation].
- 2013 Susanna, A., Garcia-Jacas, N., **López-Pujol, J.** & Vilatersana, R. 2013. Conservación y pureza genética, un paradigma en entredicho. XXXIV

- Jornadas Argentinas de Botánica. La Plata (Argentina) [Oral presentation].
- 2013 Blanché, C., Bosch, M., **López-Pujol, J.**, Massó, S., Simon, J., Rovira, A. & Molero, J. Identitat taxonòmica, biologia i estructura evolutiva del grup de *Delphinium fissum*/*Delphinium bolosii* després de la trobada a Sant Llorenç del Munt. VIII Trobada d'estudiosos de Sant Llorenç del Munt i l'Obac. Matadepera (Spain) [Oral presentation].
- 2013 **López-Pujol, J.**, Bosch, M., Massó, S., Molero, J., Simon, J., Rovira, A. & Blanché, C. Diversitat isoenzimàtica de *Delphinium bolosii*. VIII Trobada d'estudiosos de Sant Llorenç del Munt i l'Obac. Matadepera (Spain) [Oral presentation].
- 2015 **López-Pujol, J.** Facing the challenge of Chinese flora: richness, endemism, threats, and conservation. International Conference on Ecology, Evolution, and Conservation of Tropical Plants & the 6th National Conference on Tropical Forest Ecology of China. Haikou (Hainan, China) [Oral presentation].
- 2015 Vilatersana, R., Carvalho, J. A., Pomar, M., S. Massó, S. & **López-Pujol, J.** Conservation of the critically endangered flora of the Savage Islands, Atlantic Ocean. International Conference on Ecology, Evolution, and Conservation of Tropical Plants & the 6th National Conference on Tropical Forest Ecology of China. Haikou (Hainan, China) [Oral presentation].
- 2015 Chung, M. Y., **López-Pujol, J.**, Kang, C. K. & Chung, M. G. The role of the Baekdudaegan (Korean Peninsula) as a major Southern glacial refugium for plant species: Priorities for Conservation. 2015 Korea National Arboretum International Symposium. Pocheon (South Korea) [Oral presentation].
- 2016 Massó, S., **López-Pujol, J.**, Martinell, M. C., López-Alvarado, J., Sáez, L. & Blanché, C. Rules of thumbs are sometimes valid: very low genetic diversity in two extremely narrow endemics from Majorca Island (W Mediterranean). XV OPTIMA Meeting. Montpellier (France).
- 2016 Mesquida, V., Herrando-Moraira, S., Nualart, N., Gómez-Bellver, C., Sáez, L. & **López-Pujol, J.** *Kalanchoe* × *houghtonii* (Crassulaceae) com a planta invasora a Catalunya: noves cites i distribució potencial. IV Jornades de Conservació de Flora i Funga. Olot (Spain) [Oral presentation].
- 2017 **López-Pujol, J.** Flora of subtropical China: Ancient, rich, and threatened. XIX International Botanical Congress. Shenzhen (China) [Oral presentation].
- 2017 Calleja, J. A., Carnicero-Campmany, P., Galbany-Casals, M., Garcia-Jacas, N., Herrando-Moraira, S., Liu, J.-Q., López-Alvarado, J., **López-Pujol, J.**, Pyak, E., Mandel, J., Massó, S., Mehregan, I., Montes-Moreno, N., Roquet, C., Sennikov, A., Sáez, L., Susanna, A., Vilatersana, R. & Wang Y.-J. Island-like mountain radiations in Asia: The case study of the genera *Saussurea* and *Jurinea*. XIX International Botanical Congress. Shenzhen (China) [Oral presentation].
- 2017 Cachón, P., Herrando-Moraira, S., Nualart, N., Massó, S., Vitales, D. & **López-Pujol, J.** From greenhouse to the wildlife: Invasion patterns of *Kalanchoe* × *houghtonii* using ecological niche modeling. XIX International Botanical Congress. Shenzhen (China) [Poster presentation].

- 2017 Rubió, C., Herrando-Moraira, S., Nualart, N., Vilatersana, R. & **López-Pujol, J.** Past, present, and future of the invasion of *Senecio pterophorus*. XIX International Botanical Congress. Shenzhen (China) [Poster presentation].
- 2017 Massó, S., **López-Pujol, J.** & Vilatersana, R. Reinterpretation of *Cynara baetica* based on a principle of integrative species delimitation. XIX International Botanical Congress. Shenzhen (China) [Poster presentation].
- 2017 Farelo, P., Gómez-Bellver, C., Montserrat, J. M., Pyke, S., **López-Pujol, J.** & Ibáñez, N. Montjuïc Mountain (Barcelona, Spain): A 'natural' laboratory for plant invasions? XIX International Botanical Congress. Shenzhen (China) [Poster presentation].
- 2017 Cachón, P., Herrando-Moraira, S., Nualart, N., Massó, S., Vitales, D. & **López-Pujol, J.** Del invernadero a la naturaleza: patrones de invasión de *Kalanchoe houghtonii* D. B. Ward (Crassulaceae). EEI 2017 - 5º Congreso Nacional sobre Especies Exóticas Invasoras. Girona (Spain) [Oral presentation].
- 2017 Farelo, P., Gómez-Bellver, C., Montserrat, J. M., Pyke, S., **López-Pujol, J.** & Ibáñez, N. Primeros datos de la flora alóctona de la montaña de Montjuïc (Barcelona). EEI 2017 - 5º Congreso Nacional sobre Especies Exóticas Invasoras. Girona (Spain) [Oral presentation].
- 2017 Gómez-Bellver, C., Laguna, E., Agut, A., Ballester, G., Fos, S., Guillot, D., Francisco, S., Oltra, J. E., Pérez Rovira, P., Deltoro, V., Herrando-Moraira, S., Nualart, N. & **López-Pujol, J.** *Opuntia aurantiaca* Lindl.: un neófito reciente con un gran potencial invasor en España. EEI 2017 - 5º Congreso Nacional sobre Especies Exóticas Invasoras. Girona (Spain) [Poster presentation].
- 2018 Susanna, A & The Cardueae Radiations group (in alphabetical order: Calleja, J. A., Galbany-Casals, M., Garcia-Jacas, N., Herrando-Moraira, S., López-Alvarado, J., **López-Pujol, J.**, Liu, J.-Q., Mandel, J., Sáez, L. Sennikov, A. & Vilatersana, R.). 2018. The subtribal classification of Cardueae (Compositae): insights from next-generation-sequencing. 1st International Congress on Plant Biology (IconPB 2018). Konya (Turkey) [Oral presentation].
- 2018 Susanna, A & The Cardueae Radiations group (in alphabetical order: Calleja, J. A., Galbany-Casals, M., Garcia-Jacas, N., Herrando-Moraira, S., López-Alvarado, J., **López-Pujol, J.**, Liu, J.-Q., Mandel, J., Sáez, L. Sennikov, A. & Vilatersana, R.). 2018. A new subtribal classification of Cardueae: a happy pairing of next-generation-sequencing and morphology. XII Congreso Latinoamericano de Botánica. Quito (Ecuador) [Oral presentation].
- 2018 Gómez-Bellver, C., Farràs, E., Ibáñez, N., **López-Pujol, J.**, Muñoz, D. Nualart, N. & i Susanna, A. L'herbari BC i el projecte de "photo voucher". VI Trobada de tècnics de col·leccions de ciències naturals de Catalunya - Els museus de ciències. Ciència ciutadana i voluntariat. Amposta (Spain) [Oral presentation]
- 2019 Gavioli, L., **López-Pujol, J.**, Nualart, N., Vallès, J. & Ibáñez, N. Plantas pirenaicas amenazadas de los herbarios Francesc Bolòs (s. XVIII) y Trèmols (s. XIX); primeros resultados. XII Col·loqui Internacional de Botànica Pirenaica-Cantàbrica. Girona (Spain) [Oral presentation]

XI. ATTENDED CONGRESSES, SEMINARS AND COURSES (SELECTED)

- 2000 Jornades sobre Biodiversitat i Conservació Biològica. Institute for Catalan Studies, Barcelona (Spain)
- 2001 II Seminario "Biología de la Conservación de Plantas Amenazadas". Polytechnic University of Madrid, Madrid (Spain)
- 2001 Reunión técnica del Atlas de Flora Amenazada (AFA). Cercedilla (Madrid, Spain)
- 2001 IV Col.loqui Internacional de Botànica pirenaico-cantàbrica. Barruera, Vall de Boí (Lleida, Spain)
- 2001 X OPTIMA Meeting. Palermo (Sicily, Italy)
- 2001 Jornades de Genètica i Biodiversitat. Autonomous University of Barcelona, Bellaterra (Spain)
- 2002 I Congreso de Biología de la Conservación de Plantas. Botanical Garden, University of Valencia, Valencia (Spain)
- 2002 I Jornada d'Avenços en Ecologia. The Centre for Advanced Studies, Blanes (Barcelona, Spain)
- 2003 Reunión técnica del Atlas de Flora Amenazada (AFA). Miraflores (Madrid)
- 2003 Primeras Jornadas de Animación Científica entre investigadores y comunicadores: "La Biodiversidad". CSIC Residence for Researchers, Barcelona (Spain)
- 2003 VI Conference on Plant Taxonomy. Alghero (Sardinia, Italy)
- 2003 Jornada sobre Polen y Polinosis. Nuevas perspectivas. Faculty of Pharmacy, University of Barcelona (Spain)
- 2004 2nd World Botanic Gardens Congress (Barcelona, Spain)
- 2004 IXth IOPB Meeting 2004 - Plant Evolution in Mediterranean Climate Zones. Botanical Garden, University of Valencia, Valencia (Spain)
- 2004 VII Colloque International de Botanique Pyrénéo-Cantabrique. Bagnères de Bigorre (France)
- 2004 XI OPTIMA Meeting. Beograd (Serbia)
- 2004 4th European Conference on the Conservation of Wild Plants. Botanical Garden, University of Valencia, Valencia (Spain)
- 2005 XVII International Botanical Congress. Vienna (Austria)
- 2005 Colloque International "Conservation de la Flore Méditerranéenne dans un Environnement Changeant". Hyères (France)
- 2008 les Jornades Catalanes de Conservació de Flora. Blanes (Spain)
- 2008 Curso "Estudios demográficos de flora amenazada: utilidad de la demografía en la conservación de especies". Botanical Garden, University of Valencia (Spain)
- 2009 Research course "Introduction to pollination biology". Faculty of Pharmacy, University of Barcelona (Spain)
- 2009 Curso "Estudios sobre biodiversidad y biogeografía: una aproximación molecular". Faculty of Pharmacy, University of Barcelona (Spain)
- 2009 IV Congreso de Biología de la Conservación de Plantas. University of Almería, Almería (Spain)

- 2010 IV Seminari sobre Patrimoni Natural de la Comarca de la Garrotxa. Delegació de la Garrotxa de la Institució Catalana d'Història Natural, Olot (Girona, Spain)
- 2010 II Jornades Catalanes de Conservació de Flora. Botanic Institute of Barcelona, Barcelona (Spain)
- 2010 Seminari de Biodiversitat sobre Espècies Invasores. Barcelona (Spain)
- 2011 V Congreso de Biología de la Conservación de Plantas. Es Mercadal (Menorca, Spain)
- 2012 Primeres Jornades sobre Gestió de la Informació Científica (JGIC-2012). Institut d'Estudis Catalans (Barcelona, Spain)
- 2012 Seminari "Gestió de projectes de recerca transnacionals". AGAUR (Barcelona, Spain)
- 2013 IV Jornada de Recerca a la Facultat de Farmàcia. Faculty of Pharmacy, University of Barcelona, Barcelona (Spain)
- 2015 International Conference on Ecology, Evolution, and Conservation of Tropical Plants & the 6th National Conference on Tropical Forest Ecology of China. Haikou (Hainan, China)
- 2016 Curs teòric d'iniciació "Introducció al anàlisi de secuencias NGS". Faculty of Pharmacy, University of Barcelona (Barcelona, Spain)
- 2016 IV Jornades de Conservació de Flora i Funga. Olot (Girona, Spain)
- 2017 Curso "XIII Taller GBIF.ES de Modelización de Nichos Ecológicos" Real Jardín Botánico-CSIC, Madrid (Spain)
- 2017 XIX International Botanical Congress. Shenzhen (China)
- 2017 EEI 2017 - 5º Congreso Nacional sobre Especies Exóticas Invasoras. Girona (Spain)
- 2019 Encuentro Internacional HerbArt: Arte y ciencia en confluencia. University of Barcelona & Botanic Institute of Barcelona, Barcelona (Spain)
- 2019 XII Col·loqui Internacional de Botànica Pirenaica-Cantàbrica. Girona (Spain)

XII. TEACHING EXPERIENCE

Regulated training

- 2002–2003, 2003–2004,
2011–2012, and 2012–2013 Pharmaceutical Botany. Faculty of Pharmacy (University of Barcelona)
- 2015–2016 Official Master's Degree in Terrestrial Ecology and Biodiversity Management. Biosciences Faculty (Autonomous University of Barcelona)

Non-formal training (seminars)

- 01/2006 'Genetic diversity in endemic and/or threatened plant taxa of the Western Mediterranean area' (Institute of Botany, Chinese Academy of Sciences; Beijing, China)

- 07/2006 'Glacial refugia in China: are they hotspots of genetic diversity?' (Institute of Botany, Chinese Academy of Sciences; Beijing, China)
- 01/2008 'Centres of plant endemism in China: places for survival or for speciation?' (Institute of Botany, Chinese Academy of Sciences; Beijing, China)
- 11/2010 'Centres d'endemicitat de plantes a la Xina: llocs per a la supervivència de les plantes o per la seva especiació?' (Botanic Institute of Barcelona, CSIC; Barcelona, Spain)
- 05/2015 'Genetic structure and phylogeography of *Paeonia* subsect. *Delavayanae*' (Institute of Botany, Chinese Academy of Sciences; Beijing, China)
- 05/2015 'Richness, evolution, and conservation of the Chinese flora' (Institute of Botany, Chinese Academy of Sciences; Beijing, China)
- 05/2015 'Conservation of the critically endangered flora of the Savage Islands, Atlantic Ocean' (Institute of Botany, Chinese Academy of Sciences; Beijing, China)
- 05/2015 'Towards a Red Book for Hainan Island' (Hainan University; Haikou, China)
- 05/2015 'Identification of Quaternary plant refugia in China: methods and some own examples' (Sichuan University; Chengdu, China)
- 09/2015 'La Xina. El repte de conservar una megafiora' (Botanic Institute of Barcelona, CSIC; Barcelona, Spain)
- 12/2016 'Primeres dades de la flora al·làctona a Montjuïc' (Natural History Museum of Barcelona; Barcelona, Spain)
- 01/2017 'Catalunya com a hotspot d'invasions vegetals: els exemples d'*Agave* (*Agavaceae*) i *Kalanchoe* (*Crassulaceae*)' (Botanic Institute of Barcelona, CSIC; Barcelona, Spain)
- 03/2017 'Reinterpretació de *Cynara baetica* basada en el principi integratiu de delimitació d'espècies' (Botanic Institute of Barcelona, CSIC; Barcelona, Spain)
- 08/2017 'Reinterpretation of *Cynara baetica* based on a principle of integrative species delimitation' (Sichuan University; Chengdu, China)
- 08/2017 'Flora of China: status and conservation needs' (Sichuan University; Chengdu, China)
- 11/2017 'Radiaciones alpinas de tipo insular en Asia: primeros resultados en el género *Saussurea* y ecos de la expedición a su centro de distribución, las montañas Hengduan' (Botanic Institute of Barcelona, CSIC; Barcelona, Spain)
- 05/2018 'BC Herbarium and Photo Voucher Project' (Moscow State University, Lomonosov University; Moscow, Russian Federation)
- 12/2018 'Buscant l'equilibri entre la documentació, la divulgació i la recerca a les col·leccions de l'IBB' (Natural History Museum of Barcelona; Barcelona, Spain)
- 05/2019 'El cas d'estudi de *Kalanchoe* × *houghtonii*: un híbrid artificial d'èxit com a planta invasora global' (Botanic Institute of Barcelona, CSIC; Barcelona, Spain)

- 06/2019 'How photographs can be a complement to herbarium specimens. A proposal of standardization' (Sichuan University; Chengdu, China)
- 06/2019 'Invasion patterns in the mother of millions (*Kalanchoe × houghtonii*)' (Sichuan University; Chengdu, China)
- 06/2019 'Invasion patterns in the mother of millions (*Kalanchoe × houghtonii*): colonization history and potential Distribution (Hainan University; Haikou, China)
- 06/2019 '*Kalanchoe × houghtonii*, a new global invader: colonization history and potential distribution' (Chengdu University; Chengdu, China)

XIII. OTHER SCIENTIFIC ACTIVITIES

Journal refereeing

American Journal of Botany (JCR)
Annales Botanici Fennici (JCR)
Annals of Botany (JCR)
AoB Plants (JCR)
BMC Evolutionary Biology (JCR)
Biochemical Genetics (JCR)
Biodiversity and Conservation (JCR)
Biological Conservation (JCR)
Biological Invasions (JCR)
Biological Journal of the Linnean Society (JCR)
BioMed Research International (JCR)
Botanical Journal of the Linnean Society (JCR)
Butlletí de la Institució Catalana d'Història Natural
Collectanea Botanica
Conservation Genetics (JCR)
Conservation Letters (JCR)
Diversity
Ecology and Evolution (JCR)
Flora (JCR)
Genetica (JCR)
Journal of Biogeography (JCR)
Journal of Forestry Research
Journal of Systematics and Evolution (JCR)
International Journal of Biodiversity Science and Management
Molecular Ecology (JCR)
Mountain Research and Development (JCR)
New Phytologist (JCR)
Nordic Journal of Botany (JCR)
Orsis: Organismes i sistemes
PeerJ (JCR)
Plant Biology (JCR)
Plant Diversity
Plant Ecology and Diversity (JCR)
Plant Ecology and Evolution (JCR)
Plant Systematics and Evolution (JCR)

PLoS ONE (JCR)
Scientific Reports (JCR)
Tree Genetics and Genomes (JCR)

Project evaluation

Grant Agency, Academy of Sciences of the Czech Republic

Membership of editorial boards

Bouteloua (ISSN 1988-4257). Member of the Advisory Board (2014–present)

Collectanea Botanica (Barcelona) (ISSN 0010-0730). Editor (2009–2011); editor-in-chief (2012–2014); director (2015–present)

Frontiers. Guest Editor of the special issue “Population Genetics and Evolutionary History of Plants in Mountainous Regions”, jointly published by *Frontiers in Ecology and Evolution* (ISSN 2296-701X), *Frontiers in Genetics* (ISSN 1664-8021) and *Frontiers in Plant Science* (1664-462X). 2017–present

Frpntiers. Associate Editor of the section “Evolutionary and Population Genetics” that is Shared by three journals; *Frontiers in Ecology and Evolution* (ISSN 2296-701X), *Frontiers in Genetics* (ISSN 1664-8021) and *Frontiers in Plant Science* (1664-462X). 2019–present

Israel Journal of Plant Sciences (ISSN 0792-9978). Guest Editor of the special issue “New Thinking and Conceptual Advances in Plant Conservation” (2016)

Journal of Biological Research (Hong Kong) (ISSN 2225-3203). Associate Editor (2012–2014)

Orsis. Organismes i Sistemes (ISSN 0213-4039). Associate Editor (2016–2018)

Plant Diversity (ISSN 2095-0845). Associate Editor (2016–present)

Thesis defense committee member

Sandra Nogué Bosch (advisors: Valentí Rull and Teresa Vegas-Vilarrúbia): “Global warming and biodiversity conservation in the Guayana Highlands: paleoecology, biogeography and GIS modeling” (Autonomous University of Barcelona, Summer 2009)

Sara López Viñallonga (advisors: Alfonso Susanna and Núria Garcia): “Evolució, filogènia i sistemàtica del complex *Arctium-Cousinia*” (University of Barcelona, Fall 2009)

Guillermo Reina Rodríguez (advisors: Ignasi Soriano Tomàs and Joel Tupac Otero): “Aportaciones al conocimiento de las orquídeas del Bosque Seco Tropical y escenarios de cambio climático en Colombia” (University of Barcelona, Fall 2016)

Mauro Sanna (advisors: José Antonio Fernández Prieto and Eduardo Cires Rodríguez): “Phylogeography of section *Gymnopera* D. Don (*Saxifraga* L., Saxifragaceae Juss.)” (University of Oviedo, Summer 2017)

Undergraduate/MsC/PhD tutoring

Work Placement in Companies or Institutions (*Practicum*): Paula Farelo Martínez (Bachelor's Degree in Environmental Biology, Autonomous University of Barcelona) (2015–2016). Topic: First data on the alien flora of the Montjuïc Mountain (Barcelona)

Bachelor's Final Project: Paula Farelo Martínez (Bachelor's Degree in Environmental Biology, Autonomous University of Barcelona) (2016–2017). Topic: Catalogue of the alien flora of the Montjuïc Mountain (Barcelona)

MsC: Sergi Massó Alemán (Master in Biodiversity, University of Barcelona) (2010–2011). Topic: Genetic diversity and phylogeography in *Carduncellus dianius*

MsC: Almudena Galian Millán (Master in Biodiversity, University of Barcelona) (2010–2011). Topic: Hybridization in the threatened *Centaurea genesii-lopezii*

MsC: Manuel Navarro Perea (Master in Global Change, University of Córdoba) (2015–2016). Topic: The invasion of *Sicyos angulatus* across the planet: present, future and niche conservatism

MsC: Pilar Cachón Ferrero (Master in Ecology, Management, and Restoration of Natural Environments, University of Barcelona) (2016–2017). Topic: Invasion patterns in *Kalanchoe houghtonii* (Crassulaceae) using ecological niche modelling

MsC: Paula Farelo Martínez (Master in Biodiversity, University of Barcelona) (2017–2018). Topic: Montjuïc Mountain (Barcelona) as a natural laboratory for plant invasions.

MsC: Núria Gironell Canals (Master in Terrestrial Ecology and Biodiversity Management, Autonomous University of Barcelona) (2017–2018). Topic: Potential distribution modeling of three alpine plants with MaxEnt under current and 2070 future climate conditions.

MsC: Carles Burguera Martín (Master in Biodiversity, University of Barcelona) (2017–2018). Topic: Revision of the genus *Agave* L. in Catalonia.

PhD: Sergi Massó Alemán (University of Barcelona) (2012–2019?). Topic: Genetic diversity and phylogeography in endemic species of the Mediterranean Basin

PhD: Laura Gavioli (University of Barcelona) (2017–2020?). Topic: Studies on two historical herbaria of Botanic Institute of Barcelona: sources of knowledge for several aspects of the Catalan flora

Visitors/students coaching

Noemí Alvarez Camino (2002–2003)

Maria Renée Orellana Ríos (2002–2005)

Aaron Pérez Haase (2004–2005)

Maria Carmen Martinell Andreu (2008–2010)

Sergi Massó Alemán (2008–2010)

Francisco Márquez García (2009)

Laia Barres González (2010)

Javier López Alvarado (2011)

Vanessa Mesquida Coll (2016)

Cristina Rubió Ortega (2017)

Other scientific merits

Chairman of the Scientific staff meeting (*Claustro de Doctores*) of the Botanic Institute of Barcelona (January 2009–February 2011).

Chairman of the Organizing and Scientific Committee, II Jornades Catalanes de Conservació de Flora. Barcelona (Spain), June 7–9, 2010.

Member of the Scientific Committee, V Congreso de Biología de la Conservación de Plantas. Es Mercadal (Minorca, Spain), September 28–October 1, 2011.

Member of the Organizing Committee, International Conference on Ecology, Evolution, and Conservation of Tropical Plants & the 6th National Conference on Tropical Forest Ecology of China. Haikou (Hainan, China), May 9–13, 2015.

Member of the Advisory Board for the Conservation of Flora of the Catalan Autonomous Government (*'Comissió Assessora de Conservació de la Flora de Catalunya'*) (2015–present).

Member of the Scientific Committee IV, Jornades de Conservació de Flora i Funga. Olot (Spain), November 28–30, 2016.

Chinese (*putonghua*): Level I. Official Foreign Languages School of Spain.

Member of the Demiurge Project Scientific Steering Committee (<http://www.demiurge-project.org/steeringcommittee>).

Accredited as 'tenure-track lecturer' and 'collaborating lecturer' by the Catalan University Quality Assurance Agency (*Agència per a la Qualitat del Sistema Universitari de Catalunya, AQU*).

Accredited as 'tenured assistant professor' by the Catalan University Quality Assurance Agency (*Agència per a la Qualitat del Sistema Universitari de Catalunya, AQU*).