



Instituto Universitario de Investigación
**Biocomputación y Física
de Sistemas Complejos**
Universidad Zaragoza

Pilar Catalán

She graduated in Biology in 1980 from the University of Navarra and holds a PhD from the University of the Basque Country, and postdoctoral stays in Leicester, Colorado and Harvard. She is Professor of Botany at the University of Zaragoza since 2008, and head of the Bioflora research team at the EPSH (Unizar) since 2002. Her research focuses on the evolutionary biology of plants, and comparative genomics of monocotyledons, especially temperate grasses (*Pooideae*, *Brachypodium*, *Loliinae*).



Researcher profile

R1 researcher specialized in genomics of polyploid plants. Co-author of the proposal of *Brachypodium distachyon* as a model plant for monocotyledons and grasses in the nineties. She has performed comparative genomic and genealogical analyses of *Brachypodium* species and their allopolyploids. Since 1997, he has been investigating the phylogeny of temperate grasses (*Pooideade*) and the evolution of fescues and ray-grasses (*Loliinae*). His laboratory is currently investigating the coevolution of temperate grasses and their endophytes.

Importance of her research

Since 1995, he has participated in 29 grants and 11 applied research contracts. She has supervised 14 doctoral students, and trained 38 researchers from 15 countries. She has been an external doctoral examiner on 30 occasions and leads scientific networks with Latin American institutions. She has published 200 articles, books and book chapters on taxonomy, plant diversity and botanical guides. Since 1992, she has taught international courses related to plant evolution, biology and conservation of threatened flora and is a corresponding member of the Botanical Society of America.

