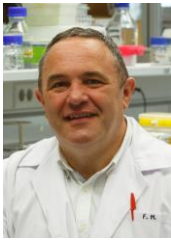




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Plant Biology

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Javier Pozueta-Romero graduated from Málaga University (Spain) in 1987. He holds a Ph.D. in biology from Nagoya University (Japan). In 1997, after a 4-year postdoctoral training at the Institute of Plant Molecular Biology in Strasbourg (France), and a 2-year post-doctoral stay in the Institute of Plant Molecular and Cellular Biology in Valencia, Javier joined the Institute of Agrobiotechnology of Navarra, where he leads the “Carbohydrate Metabolism” group. His publication record includes over 90 papers in plant science and multidisciplinary research journals including *Proceedings of the National Academy of Sciences USA*, *The Plant Cell*, *The Plant Journal*, *Plant Physiology*, *Plant Cell & Environment*, *Plant Biotechnology Journal*, *Trends in Plant Science*, *Plant Cell Physiology*, etc. His research interests include plant primary metabolism and its interaction with secondary metabolism, plant biotechnology and identification of biostimulants from microbes. He is also interested in understanding the biochemical and genetic mechanisms regulating primary carbohydrate metabolism in bacteria. He has discovered that microbial phytopathogens produce compounds that enhance plant growth and yield through mechanisms involving up-regulation of the production of MEP pathway-derived isoprenoids such as photosynthetic pigments and cytokinins. Also, he has provided strong evidence for the occurrence of non-canonical starch biosynthetic pathways in plants.