



**Carlos Lopez OTIN**

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Carlos López-Otín is Professor of Biochemistry and Molecular Biology at the University of Oviedo (Spain), where combines his teaching responsibilities with his research work on Cancer and Aging Biology. His research group has discovered more than 60 novel human genes encoding proteases associated with cancer and delineated their functional roles in tumor progression and in other diseases, including the devastating syndromes of accelerated aging.

Since 2009, Carlos López-Otín co-coordinates the Spanish contribution to the International Consortium for the study of Cancer Genomes. This work has unveiled the complete genome sequence of hundreds of patients with chronic lymphocytic leukemia and identified recurrent mutations in this frequent neoplasia. López-Otín's group has also identified the genetic determinants of novel hereditary diseases, such as the Nestor-Guillermo progeria syndrome, and contributed to the first integrative analysis of the molecular and cellular hallmarks of aging. The work by Carlos López-Otín is collected in more than 350 publications, which have been cited more than 33.000 times (h=89). Carlos López-Otín is member of numerous scientific societies, such as the Spanish Royal Academy of Sciences, the EMBO and the European Academy, and has received different distinctions, including "Honoris Causa" Doctorates, the European "25th FEBS Jubilee" Award in Biochemistry, and the "Ramón y Cajal" National Research Award.