



Federico MAYOR

Graduate in Pharmacy, 1956 and Ph.D. in Pharmacy (Special Award) Complutense University of Madrid (1958). Prof. of Biochemistry, Faculty of Pharmacy, Granada Univ. 1963-1973; Preparation and application, first on a pilot level, later nation-wide, of the National Plan for the Prevention of Infantile Subnormality (1967), for the early detection of metabolopathies. Rector of the Granada Univ. 1968-1972; Prof. of Biochemistry, Autonomous Univ. Madrid, 1973-2004. Director of "Severo Ochoa" Molecular Biology Centre (Higher Council of Scientific Research), 1974-1978. Chairman of the Advisory Committee for Scientific and Technical Research of the Prime Minister's Office (Spain), 1974-1978. Chairman of the Parliamentary Commission for Education and Science (Spain), 1977-1978; Deputy Dir-Gen. UNESCO, 1978-1981; Minister for Education and Science (Spain) 1981-1982; Chairman of Scientific Council Ramón Areces Foundation 1982-;

Director General UNESCO 1987-1999; Chairman of European Research Council Expert Group (ERCEG) 2002; President Initiative for Science in Europe (ISE) 2007-; Founder and President of the Foundation for a Culture of Peace, 2000-

Guidance and supervision of more than 40 doctoral theses; Fellowships and Memberships of various national and international Academies and Scientific Societies: Spanish Society of Biochemistry, French Society of Biological Chemistry, American Association for the Advancement of Science, Royal National Academy of Pharmacy (Spain), Club of Rome, World Academy of Art and Science, Royal Society of Chemistry (U.K.), European Academy of Sciences and Arts, Third World Academy of Sciences, Royal National Academy of Medicine (Spain), San Fernando Royal Academy of Fine Arts (Spain)... etc.; Participation in more than 300 Congresses and Scientific Conferences; he has published more than 80 scientific articles in specialized reviews and numerous works of popularization, particularly on cerebral metabolism, perinatal biochemistry and molecular pathology of the new-born, enzymopathies and receptor pathologies. In addition to his numerous scientific publications he has published several books of essays: "Scientific research and social goals: towards a new development model" (1982) (ed.), *Un mundo nuevo* (in English, *The World Ahead: Our Future in the Making*) (1999), *Los nudos gordianos* (1999) *Mañana siempre es tarde* (1987), "Recientes progresos en etiología del cáncer y patología molecular" (1989) (ed.), *La nueva página* (1994), *Memoria del futuro* (1994), *La paix demain?* (1995), *Science and Power* (1995), *UNESCO: un idéal en action* (1996), "L'enseignement supérieur au XXIe siècle" (2000). "La palabra y la espada" (2002), "Gen-ética" (2003) (coord.), "La fuerza de la palabra" (2005) and "Diálogo ibérico en el marco europeo y mundial" with the former President of Portugal Mr. Mario Soares (2006), "Enfermedades metabólicas" (2006) (ed.)... Principal researcher of numerous research projects.