

CURRICULUM VITAE SUMMARY



NAME: Manuel Díaz de los Ríos

DATE OF BIRTH: 11.07.1955

PROFESSION: Chemical Engineer

SCIENTIFIC DEGREE: PhD

Graduating in 1980, he has 45 years of experience in Research and Development (R&D) activities at ICIDCA. During his career, he has been involved in several process scale-up activities, particularly chemical reactors for polymerization and fine chemical reactions. He has also managed the design and construction of multi-purpose pilot plants. For the last 6 years he has been involved in research related to the extraction and refining of

sugarcane wax.

He has held various management positions at ICIDCA, including Head of the Pilot Plant Department, Chemical Engineering Department and Director of the Engineering and Biotechnology Divisions.

He has led more than 100 R&D activities, as well as technology transfer activities for batch processes in agrochemicals productions. He has also participated as a consultant in various technical services in several countries, such as South Africa, Mexico, Venezuela, Peru and Ecuador, among others, as well as in scientific congresses and meetings in China, Dominican Republic and Germany.

His PhD thesis was distinguished as the best PhD thesis in the field of technical sciences in the country in 1999. He has 5 national awards by the Cuban Academy of Sciences, one of them as main author, as well as several relevant results at MINAZ level. He holds the 'Obra de la Vida' distinction, the distinction of best researcher in the sector and the Carlos J. Finlay award.

His R&D activity is reflected in 63 publications in national and international journals, a book and 5 book chapters. He has participated in more than 20 scientific and technical meetings, where he has presented 41 papers. He holds 6 patents or copyright registrations. He is a member of the Cuban Association of Sugar Technicians (ATAC) and the American Chemical Society (ACS). He has taught 12 postgraduate courses, advised 8 Chemical Engineer theses, several master's theses and has also advised doctoral theses.

He was Assistant Professor at the Faculty of Chemical Engineering of the Instituto Superior Politécnico José Antonio Echeverría (ISPJAE), visiting professor at the IPN in Mexico and at the Federal University of Bahia, Brazil, as well as invited member of the scientific councils of the Faculty of Chemical Engineering of the ISPJAE and of the Petroleum Research Centre. He is a member of the advisor group of the national science and technology program of "Biotechnology, Pharmaceutical Industry and Medical Technology".