



Dr. Luis A. Quesada Allué

Biologist and Ph.D. in Biological Chemistry, School of Sciences (FCEyN), Univ. of Buenos Aires (Thesis Director L.F. Leloir). Full Professor at the same University.

He was the first to introduce in the country courses on Developmental Biology and

Developmental Genetics. For many years Director of the teaching and research Department and Institute of Biochemical Investigations, at the same FCEyN. Specialist in Molecular Insect Science. Main fields (a) Biochemistry and Molecular Biology (b) Physiology of Behavior. (c) Development. Focused for many years in metamorphosis and cuticle biochemistry.

Principal Career Investigator of CONICET (National Research Council of Argentina), at the IIBBA-CONICET; and member and/or head of many evaluation commissions during the last 49 years. Former Investigator at the University of California-Berkeley and Universities of Pádova and Naples (Italy). Principal Investigator first at the Campomar Foundation (former Vice-President) and currently at the Leloir Foundation and Institute. Member of the board in both institutions until 2026.

Academician at the National Academy of Sciences of Buenos Aires (ANCBA), current member of the Board (Treasurer). Member of the board at the Argentine Association for the progress of Sciences (AAPC). Member and ex-member of 11 Scientific Societies.

Most of the published scientific work (around 120 papers) in first level journals (Q1 SCIMAGO classification), mainly in physiology, biochemistry and development. Key words: Glycoconjugates, Glycolipids and Glycoproteins. Chitin. Metamorphosis. Pest-flies. *Ceratitis capitata*. Neurotransmitters-beta-alanyl-conjugates. Stress and Longevity. Photoactivable insecticides.

Current main Research:

- (1) Predictors of longevity in the Medfly pest.
- (2) Multifacetic functions of the peculiar enzyme NBAD-synthase (Brain, Innate immunity, Tannification, Sclerotization).

Director and ex director of programs to communicate Science (Conferences, Programs invention and managing, media participation (TV, Radio, Journals), Parliament representatives. Expert in Scientometrical analysis (3 formal publications and around 860 Bibliometric and Scientometric communications in networks).