

Manuel I. Robert Díaz

Regular investigator : Center of Scientific Investigation of Yucatan



EDUCATION

Degree in biology. National Autonomous University of Mexico (Faculty of Sciences). 1965-1969.

Thesis title: studies on the level of the COA-SG rat liver reductase. Professional examination: 27 February 1971. Scholarship: General teacher Division, UNAM. PhD. Ph. D. in plant physiology. University of London, Wye College, Agricultural Research Council, Plant Growth Substance and Systemic Fungicide Unit. October 1972-October 1975. Thesis title: Studies on chemical and environmental factors affecting plant root growth and development. Doctoral examination: December 1975. Approved by the Senate of the University on 28 January 1976. Scholarship: CONACYT. Postdoctorate. Plant biology. Postdoctoral Research Fellow. Department of Plant Science, Wye College, University of London. October 1975 - December 1976. Scholarship: CONACYT and University of London.

Short postdoctoral training periods

And Pluricellulaire Laboratoire, CNRS in southern Gif Yvette (France). Mme. C. Nitsch. July 1976. Duration: 2 weeks. Topic: Culture of anthers and pollen grains. Department of Biochemistry, Cambridge University (England). Professor D. Northcote. November-diciembre 1976. Duration: 6 weeks. Subject: Suspension cell culture. Department of Botany, University of Nottingham (England). Professor by Cocking. January 1977. Duration: 2 weeks. Topic: Plant protoplasts merger and culture. Department of Biochemistry, University of Leiden, the Netherlands). Dr. R.A. Schilperoort. Julio-Agosto 1979. Duration: 5 weeks. Topic: Plásmidos TI isolation and transform of plant cells. Financial support: CONACYT.

Current line of research

Highly efficient using modular biorreactores temporary immersion Micropropagation systems development.

Improvement of productive features in Agave tequilana Weber.

In vitro culture of red cedar (Cedrela odorata)

Current projects

Improvement of productive features in Agave tequilana Weber blue variety.

Highly efficient using modular biorreactores temporary immersion Micropropagation systems development.

In vitro culture of red cedar (Cedrela odorata).