

## CURRICULUM VITAE

**Name:** Hilda M. Rodríguez

**Address:** 4830 SW 5 Terr, Coral Gables, Florida, 33134

**E-mail:** hrodrig6@mdc.edu ; **Telephone (Cell):** 786 970 7716

### EDUCATION

- **Bachelor** in Biological Sciences, Havana University, 1974
- **PhD** (Biology), Institute of Microbiology, Czech Republic, 1983
- **Medical Technologist** Certification and License, American Association of Bioanalysts, USA, 2008

### POST-DOCTORAL TRAINING

- **Department of Biology**, University of Waterloo, **Canada**; (2 months, 1998; 1 Year, 2004-2005)
- **Environmental Microbiology Group**, Center for Biological Research of the Northwest, La Paz BCS, Mexico; (2 Years: 2000-2002, Grant of Excellence from CONACYT, Mexico)
- **Center of Genomic Biotechnology**, Reynosa, Mexico, 2002
- **Center of Genetic Engineering and Biotechnology, Cuba**, International Course on Molecular Biotechnology, (1999)
- **Department of Molecular Biology**, University of Siena, Italy, 1997
- **Department of Molecular Biology**, University of Campinas, Brazil, 1993
- **Department of Genetics**, Biotechnology Division, LK University, Hungary, 1990
- **National Center of Scientific Research; Havana University; ICIDCA (Cuba).** Graduated courses on different Biological disciplines

## **PROFESSIONAL EXPERIENCE**

**May 2008-Present: Adjunct Faculty**, Department of Natural Sciences, Health and Wellness, **Miami Dade College**, Wolfson Campus

**September 2010- Present: Part time Microbiology Laboratory Manager**. Department of Natural Sciences, Miami Dade College, Wolfson Campus

**September 2008-August 2010: Part time Biotechnology Laboratory Manager**, Biotechnology Program, Miami Dade College, Wolfson Campus

**1997-2006: Head, Laboratory of Genetics**, Division of Biotechnology, Cuban Research Institute of Sugarcane By-Products, Havana, Cuba

**2002-2003: Head, Department of Microbiology**, Cuban Research Institute of Sugarcane By-Products, Havana, Cuba

**1989-2006: Senior Scientist and Professor**, Division of Biotechnology, Cuban Research Institute of Sugarcane By-Products (ICIDCA), Havana, Cuba

**2004-2005: Visiting Scientist and Professor**, Dept. of Biology, **University of Waterloo**, Ontario, **Canada**

**2001-2003: Visiting Scientist**, Center for Biological Research of the Northwest, Mexico

**1975-1989: Scientist and Professor**, National Center for Scientific Research, Division of Biotechnology Havana, Cuba

## **TEACHING EXPERIENCE**

1. Adjunct Faculty: Biology, Anatomy and Physiology, Microbiology, and Biotechnology, Miami Dade College, Wolfson Campus, Miami, Florida. (May 2008-Present time)
2. Assistant Professor, “Fundamentals of Microbiology” and “Virology”, Department of Biology, University of Waterloo, Ontario, Canada, 2004
3. Professor of 14 graduate and undergraduate courses on the fields of Biology, Molecular Biology, Biotechnology, Microbiology, and Biochemistry (National Centre of Scientific Research, Havana, Cuba; ICIDCA, Havana, Cuba; Cienfuegos University, Cienfuegos, Cuba; University of Oriente, Santiago de Cuba)

4. Supervisor of 12 University Students Theses, 5 M. Sc. Theses and 2 PhD Theses in Biotechnological research topics.
5. Lecturer in Scientific Meetings and Academic and Research Seminars (University of Oriente, **Cuba**; University of Campinas, **Brazil**; University of Siena, **Italy**; University of Debrecen, **Hungary**; University of Waterloo, **Canada**; Center of Genomic Biotechnology, **Mexico**; Center of Biological Research, Mexico; University of Salamanca, **Spain**)

## **RESEARCH EXPERIENCE**

Twenty five years experience in conducting research linked to different areas of Microbiology, Biotechnology and Molecular Biology in Cuba, Canada, Mexico, Italy, Brazil and USA.

## **PUBLICATIONS**

Twenty nine papers published in Peer-reviewed International Journals.

**Symposia:** About 60 papers presented in National and International Symposia.

## **PRIZES AND AWARDS**

- National Prize of the Cuban Academy of Science to the best scientific work (Cuba, 2000)
- Award to the Researcher with the lifetime highest scientific productivity in peer reviewed journals (ICIDCA, Cuba, 2000)
- Award as “Outstanding Researcher” at National level (Cuba, 2000)
- Letters of Recognition for outstanding teaching activities (National Center of Scientific Research, 1986-1988; ICIDCA, Cuba (1986-2005)

## **OTHER ACTIVITIES**

- Member of the Scientific Committee, ICIDCA, Cuba, 1992-2007
- Secretary of the Committee of Scientific Degrees (ICIDCA, Cuba), 1999-2006
- Secretary of the Committee for Graduated students (ICIDCA) Cuba, 2000-2006
- Head of National Research Projects of the Cuban Academy of Sciences , 200-2004; 2004-2006

- Referee for Grants of the Cuban Academy of Sciences
- Reviewer of scientific papers for Peer Reviewed Journals such as FEMS Microbiology Ecology, Canadian Journal of Microbiology, Journal of Applied Microbiology, Australian Journal of Experimental Agriculture, Acta Biotechnológica, European Journal of Soil Biology and others.

## REFERENCES

- 1) Dr. Bernard Glick , Professor and former Chair, Department of Biology, University of Waterloo, Ontario, Canada. . Tel: (972) 8 934 27 66. Email: [glick@uwaterloo.ca](mailto:glick@uwaterloo.ca)
- 2) Dr. Edwin Gines-Candelaria. , Professor of Biology, Biology; Faculty Convener Chair, Department of Natural Sciences, Health and Wellnes, Miami Dade College. Email: [egines@mdc.edu](mailto:egines@mdc.edu)
- 3) MSc. Juan Morata, Professor of Biology, Department of Natural Sciences, Health and Wellnes, Miami Dade College. Email: [jmorata@mdc.edu](mailto:jmorata@mdc.edu)