



Curriculum Vitae

MARIA CRISTINA RODRIGUEZ PADILLA, PhD

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Dr. Rodríguez Padilla received her bachelor of QBP from School of Biological Sciences, UANL. Master and PhD degree in Immunology from National School of Biological Sciences, National Polytechnic Institute, in 1986 and 1996 respectively.

Is full time professor and exclusive UANL from 1985 to date. Director of Department of Microbiology and Immunology from 2007 to date. Director of the Laboratory of Immunology and Virology, School of Biological Sciences at the Autonomous University of Nuevo Leon from 1991 to date. Member of the National Research System, level III since 1991.

PROMEP profile features (the faculty improvement program) IX level from 1991 to date. Research stays in: University of Texas (Medical School Department of Surgery, Health Science Center) San Antonio in 1994 and Harvard School of Public Health, Department of Cancer Biology, Safety in Laboratories Level 2 and 3, 1996-1997.

MAIN LINES OF RESEARCH:

- Trinomial:-Virus-Cancer Immunity
- Biotechnology Development of biological response modifiers for diagnosis and therapy
- Nanotechnology

AMONG HER CONTRIBUTIONS TO RAISE THE ACADEMIC LEVEL OF THE ORGANIZATION INCLUDE:

- Certification of the laboratory of immunology and virology ISO-9001: 2000.
- The creation of the laboratory biosafety level 3 (1997) first of its kind in Mexico.
- Instituted the bioethics committee of the Laboratory of Immunology and Virology, School of Biological Sciences, UANL for review of research projects (2005).
- Established the Center for Immunology Specialties, where consultation is given to cancer patients or patients with poor immune system (1998).
- Created external service unit, which is responsible for studying the immune response of patients and also serves high specialty sector and general public health (1998).
- Created a production plant of biologicals (2002).
- Leader of the faculty of immunology (Consolidated) 2002.
- Established the first tumor bank in northeast region in Mexico. In collaboration with the public and private hospitals in the country, that serves for Research and Education and is part of the Latin American Network Tumor Bank (2005).
- Created the Northeast Regional Center of Epidemiological Diagnosis and Reference. Working in collaboration with the National Institute of Health (SSA), for the isolation and identification of microorganisms (Emerging Diseases) (2006).
- Created the Biosecurity and Investigation Committee, registered by COFEPRIS (2015).

TEACHING:

Has taught courses: Immunology, Clinical Immunology and Immunochemistry at the undergraduate level.

And postgraduate level: Molecular Immunology, Advanced Immunology, General Experimental Methods in Immunology and Molecular Biology.

ACTUALLY:

- Director of the Department of Microbiology and Immunology, School of Biological Sciences, UANL from 2007.
- Director of the Laboratory of Immunology and Virology, FCB / UANL, from 1995 to date.
- Member of the Admissions Committee of the Masters with a major in Microbiology and Immunology, School of Biological Sciences / UANL. From 1993 to Date.
- CONACYT project evaluator, from 1997 to date.
- Evaluator of Graduate Programs (Master and PhD), CONACYT. From 1997 to date.
- Teacher Summer Research Science and Technology. UANL. 1998 to date.
- Evaluator of Graduate Programs (Masters and PhD), School of Biological Sciences, UANL, since 1993, the date.
- Member of the Portfolio of Arbitrators (RCEA) CONACYT. From 2005 to date.

- Member of the Council of Science and Technology of Nuevo Leon (COCYTE) from 2004 to date.
- Active member of twelve scientific societies including the Mexican Academy of Sciences, (AMC).
- Coordinator of the Master with a major in Immunobiology, School of Biological Sciences / UANL, from 1984 to date.
- Coordinator of the PhD in Immunobiology, School of Biological Sciences / UANL, from 2012 to date
- Council Member of the State Commission of Medical Arbitration. State Government of Nuevo Leon, since 2009.
- Council Member UNAC (United by Art Against Childhood Cancer), since 2010.
- Member of the Honorable Governing Board of the UANL, 2019-2030

AWARDS:

- **Medal of Civic Merit.** 2003 State of Nuevo León in the area of Scientific Research Awarded by: State Government of Nuevo Leon.
- **Professional Excellence Award 2004.** Presented by: Federation of Professional Associations of the State of Nuevo León, AC.
- **Citizen Merit award for "Francisco de Vitoria Barbadillo".** 2006. Awarded by: City Municipal Government of Guadalupe, N.L.
- **Luis Elizondo Award.** In Science and Technology Category. Awarded by the Tecnológico de Monterrey. October 27, 2009.
- **Award UANL,** "flame, life and woman". Universidad Autonoma de Nuevo Leon. March 9, 2010.
- **Carlos Canseco Medal.** In the area of medical research. Municipality of Monterrey. October 21, 2010.
- **Investigation Award. 1989, 1999, 2000, 2001, 2002, 2004, 2014.** Prize given by the Autonomous University of Nuevo Leon.
- **Canifarma National Award.** 2001.
- **Canifarma National Award.** 2017.
- **"In Altum" UNAC Award** 2017.
- **Professor Emerito UANL.** Autonomous University of Nuevo León. Monterrey, N. L. August 25, 2018.

DISTINCTION AND ASSOCIATIONS THAT BELONGS:

- **Member of the Committee of Experts on Biosafety,** Department of Health and PAHO. Mexico, D. F. October 1999 to 2007.
- **Recognition Profile PROMEP.** Undersecretary of Higher Education and Scientific Research. The Faculty Improvement Program. January 2000 - to date.
- **Recognition 2003.** For her valuable contribution to the culture and outstanding scientific and academic career. Awarded by: University of Nuevo Leon.
- **Jury ruled in the area of Scientific and Technological Research,** Social Sciences and Humanities, and the environment. The Autonomous University of Queretaro and the Alexandrian Award Gaitán Mondragon. September 2004.

- **Recognition in the International Day of intellectual property**, for the patent entitled: Production of an immunomodulator derived from content dialyzable leukocyte extract of transfer factors and methods of use. Universidad Autonoma de Nuevo Leon, May 3, 2011.
- **Recognition in the International Day of the intellectual property**, for the patent title called: New antiproliferative protein of *Bacillus thuringiensis* variety *thuringiensis*. Universidad Autonoma de Nuevo Leon. May 3, 2011.

RESEARCH AWARDS:

41 different National Awards for her research work

SCIENTIFIC PRODUCTION:

- (7) Books
- (14) Chapters
- (64) National articles
- (161) International articles
- (1948) Quotes from their publications
- (200) Articles in full in national and international reports
- (437) Abstracts of papers presented at meetings

RESEARCH PROJECTS:

UANL PAICYT 25 Projects with a total support of \$ 1,220,000.00 by 2019

19 Projects CONACYT total support of \$ 175, 397,095.71 by 2019

Research Project 01 Anderson Clayton Co. \$ 107,225.00 dlls.

PATENTS:

- Two at international level: “A novel antiproliferative protein from *Bacillus thuringiensis* var. *thuringiensis*” registered in over 30 countries worldwide.
- Ten at national level: including "Production of an immunomodulatory derived from dialyzable leukocyte extracts containing transfer factors and methods used.

HUMAN RESOURCES:

Thesis and jury participation in professional dissertations:

133 bachelor degree

88 master's degree

46 PhD degree

2019