# Maria Rosana Ramirez, *Dr.*

**Lugar de trabajo**: Departamento de Ciencias Biológicas de la Facultad de Bioquímica y Ciencias Biológicas, Universidad Nacional del Litoral, Ciudad Universitaria. Paraje “El Pozo”

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**Título/s de grado obtenidos** Licenciado en Genética Universidad Nacional de Misiones

# Título/s de PG obtenidos

**Master: Ciencias Biológicas: Bioquímica**

Área: Neurociencias Beca: CNPq

Dpto de Bioquímica, Instituto de Ciências Básicas da Saúde. Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brasil.

# Doctor en Ciencias Farmaceuticas

Área: Desarrollo de materia prima farmacéutica Subárea: Neurociencias

Beca: Capes-CNPq

Faculdade de Farmácia & Departamento de Bioquímica (Centro de Memoria-PUC-RS). Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Rio Grande do Sul, Brasil

# Posdoctorado

Área: Desarrollo de materia prima farmacéutica Subárea: Neurociencias

Aplicación de la técnica de microarray con el objetivo de analizar los efectos beneficiosos de los compuestos naturales en el Sistema Nervioso Central.

Beca: CNPq

Faculdad de Farmácia -UFRGS/LNLS, BIOMOL-CAMPINAS-SP-Brasil Financiador: Edital MEC/CAPES e MCT/FINEP/CNPQ no. 034/2007 – PNPD 2007

**Cargo/s en investigación** Investigador Adjunto, CONICET CONICET-FBCB-UNL

Actual

# Participación del Proyecto de *Cannabis* Medicinal

**2016-2017**. Participación como Conferencista en diversas Jornadas Nacionales e Internacionales

para discutir el uso racional del *Cannabis* Medicinal desde la óptica de las Ciencias Farmacéuticas. Por invitación de la Comisión de la Salud de la Honorable Cámara de Diputados de la Nación.

# Artículos publicados en revistas con referato

Preliminary Analysis of the Hemagglutinating Activity of Seed Extracts of the Amaranth Genus. Int. J. Adv. Res. 2018, 6(6), 515-519*.*

A single intravaginal immunization with formaldehyde fixed cells enhances the clearance of T. foetus infection. Veterinary Parasitology 2018, 255, 32-37.

Phenolic composition, antioxidant and enzyme inhibitory activities of *Cucurbitaceae* fruits. International Journal of Scientific Engineering and Applied Science (IJSEAS), vol -04 Issue-01–2018 of *IJSEAS Journal*. **ISSN**: 2395-3470.

Potential Health Benefits of *Cannabis* Extracts: A Review. International Journal

of Chemical and Biomedical Science 2016; 2(1): 1-8. (American Association for Science and Tecnology).

Loop mediated isothermal amplification method based on 5.8S ribosomal DNA sequences for specific detection of *Tritrichomonas foetus*. 2013 *Veterinary Parasitology*. ISSN: 0304- 4017.

Study of the Effects of *Psidium cattleyanum* on Gene Expression from Senescent Mouse Hippocampus. BLACPMA vol. 11 Nº 2 - 2012.

Evaluation of the Polyphenolic Content, Anti-Inflammatory and Antioxidant Activities of Total Extract from *Eugenia pyriformes* Cambess (Uvaia) Fruits. J Food Biochem. 36: 405- 412, 2012. ISSN 0145-8884.

Polyphenols content and evaluation of antichemotactic, antiedematogenic and antioxidant activities of *Rubus* sp. Cultivars. J Food Biochem. 35, 5; 1389–1397, 2011.

Anthocyanins content and chemical composition of the essential oil of three blackberry cultivars from southern Brazil. Lat Am J Pharm. 29, 622-625, 2010.

D. Preliminary studies on the antinociceptive activity of *Vaccinium ashei* berry in experimental animal models. J Med Food, 13, 1-7, 2010.

Efectos beneficiosos del extracto de frutas rojas y de sus antocianos. [Beneficial properties of red berries extract and their anthocyanins]. BLACPMA, 8 (6), 2009.

Effects of an acute treatment with lthyroxine on memory, habituation, danger avoidance, and on na(+), k(+)-atpase activity in rat brain. Curr Neurovasc Res. 4(4):259-67, 2007.

Mice deficient for the vesicular acetylcholine transporter are myasthenic and have deficits in object and social recognition. Neuron 51(5):601-12, 2006.

Behavioral and genoprotective effects of *Vaccinium* berries intake in mice. Pharmacol BiochemBehav. 84, 229-234, 2006.

Effect of lyophilised *Vaccinium* berries on memory, anxiety and locomotion in adult rats. Pharmacol Res. 52: 457-462, 2005.

Relationship between short- and long-term memory and short- and long-term extinction. Neurobiol Learn Mem. 84(1):25-32. 2005.

Modulation of working, short- and long-term memory by nicotinic receptors in the basolateral amygdala in rats. Neurobiol Learn Mem. 83(2):113-8.2005.

Interactions between anandamide-induced anterograde amnesia and post-training memory modulatory systems. Brain Res. 30, 1016(1):66-71. 2004.

# c) Premios y distinciones

2009 - Premiación Nacional de Equipos -. Colaboradora Externa en el Equipo del Projecto de Mejoramiento Genético de Fruteras de Clima Temperado. Empresa Brasileira de Pesquisa Agropecuária (EMBRAPA), Pelotas, Brasil.

2006 - Hugo Arechiga Fellowship, registration and travel expenses to the Society for Neuroscience (SfN) annual meeting, Atlanta, Georgia, EEUU.

2005 - “Analytical and Integrative Neurobiology” (Ricardo Miledi Neuroscience Training Program) Society for Neuroscience (SfN). Queretaro-Juriquilla, Mexico, 2005.

2004 - IBRO SCHOOL OF Neuroscience IN BRAZIL (ISBRA), Escola de Neurociência da IBRO no Brasil. 2004, Rio de Janeiro, Brasil.

*Denominación de la Actividad:* ***Evaluador***

-Programa Iberoamericano de Ciencia y Tecnología **(**CYTED) 2009.

-Programa Iberoamericano de Ciencia y Tecnología **(**CYTED) 2010.

-Programa Iberoamericano de Ciencia y Tecnología **(**CYTED) 2011.

Denominación de la Actividad*:* **Revisor**

* Current Bioactive Compounds
* Current Drug Delivery
* Journal of Etnopharmacology
* Journal: Pharmacology, Biochemistry and Behavior
* Journal: Brain and Cognition
* Journal of Food Property
* International Journal of Biochemistry and Biotechnology
* International Journal of Food Properties
* Journal of Medicinal Food
* Journal of Medicinal Plants Research
* African journal of pharmacy and pharmacology
* Journal of Medicine and Medical Research
* Agricultural Research Journal
* International of Biotechnology and Biochemistry
* Academia Journal of Agricultural Research
* Agricultural Science Research Journal
* American Journal of Food Science and Nutrition
* American Journal of Pharmacy and Pharmacology
* Health Sciences Research
* Medicinal and Aromatic Plant Research
* Journal of Agricultural Science
* Journal of Food Research
* Merit Research Journal of Medicine and Medical Sciences (MRJMMS)
* Sustentable Agriculture Research