

Curriculum vitae: María Celina Lamas. Full professor.

CONTACT

Address (w) Faculty of Biochemical and Pharmaceutical Sciences.
National University of Rosario.

AUTHOR-LEVEL METRICS

ACADEMIC POSITIONS

2023-present. Full Professor. Department of Pharmacy, Faculty of Biochemical and Pharmaceutical Sciences National University of Rosario. Rosario, Argentina.

2020-present. Principal Research Fellow. National Council Research (CONICET), Argentina.

EDUCATIONAL QUALIFICATIONS

2000–2001 **Postdoctoral Research in Pharmaceutical Technology**

Hebrew University of Jerusalem. School of pharmacy.

1995–1999 **PhD in Chemistry**, Facultad de Ciencias Bioquímicas y Farmacéuticas - Universidad Nacional de Rosario.

Thesis: “Multiple emulsions for the preparation of microparticulates systems”.

1987–1993 **Pharmacist**, Facultad de Ciencias Bioquímicas y Farmacéuticas - Universidad Nacional de Rosario.

STUDENTS SUPERVISION (Principal supervision)

Current group: 2 postdoctoral student; 8 PhD students.

Completed: 5 PhD students, 10 students and 2 research.

TEACHING ACTIVITIES

Full professor in Pharmaceutical Technology. School of Pharmacy. National University of Rosario (2023-2026)

Full assistant professor in Pharmaceutical Technology. School of Pharmacy-. National University of Rosario (2004-2023)

VISITING ACTIVITIES

1. 2025. Visiting Professor. University of Florence. Chemical Department. Supervisor: Prof. Francesca Maestrelli. October 2025.
2. 2011. School of Pharmacy. University of Hacettepe. Ankara. Turquía. Director: Neslihan Gursoy.
3. 2005. School of Pharmacy. Free University of Berlín. Germany. Director: Roland Bodmeier.
4. 2000-2001. Hebrew University of Jerusalem. Israel. Director: Simon Benita.
5. 2000. University of Auvergne. School of Pharmacy. Clermont Ferrand. Francia. Director: Eric Beissac – Jean M. Aiache.
6. 1998. School of Chemistry. University of Guayaquil. Ecuador.

RESEARCH INTERESTS

Neglected Parasitic Diseases, Drug Delivery, Chemical Modifications of Polymeric Carriers, Carbohydrate Chemistry, Nano and Microencapsulation of drugs, microorganisms and proteins.

SELECTED PUBLICATIONS (FROM 2020)

Preparation, Physicochemical Characterization and In Vitro and In Vivo Activity Against Heligmosomoides polygyrus of Novel Oral Formulations of Albendazole and Mebendazole
Buchter, V., Priotti, J., Leonardi, D., Lamas, M.C., Keiser, J.

Journal of Pharmaceutical Sciences (Q1), 109(5),1819-1826, 2020

Editorial: Elsevier. Amsterdam. Holanda

A Novel Prototype Device for Microencapsulation of Benznidazole: In Vitro/In Vivo Studies
Barrera, M.G.,Tejada, G., Leonardi, D., Lamas, M.C. , Salomón, C.J.

AAPS PharmSciTech (Q2), 21, 3, 1, 112, 2020

Editorial: Springer, Arlington VA, USA.

Nanoparticulate Systems Based on Natural Polymers Loaded with Miconazole Nitrate and Lidocaine for the Treatment of Topical Candidiasis.

Guillermo Tejada, Maria G. Barrera, Paula García, M. Maximiliano Sortino, María Celina Lamas, Viviana Lassalle, Vera Alvarez Dario Leonardi.

AAPS PharmSciTech (Q2). 8;21 (7):278. 2020

Editorial: Springer, Arlington VA, USA.

Effect of Genotype and Sex of the Host on the Bioavailability of Novel Albendazole Microcrystals Based on Chitosan and Cellulose Derivatives

Codina, A.V.,Priotti, J.,Leonardi, D.,Hinrichsen, L.I.,Lamas, M.C.

AAPS PharmSciTech (Q2), 21, 5, 149, 2020

Editorial: Springer, Arlington VA, USA.

Effect of sex and genotype of the host on the anthelmintic efficacy of albendazole microcrystals, in the CBI-IGE Trichinella infection murine model.

Codina, A.V.,Priotti, J.,Vasconi, M.D.,Leonardi, D.,Hinrichsen, L.I.,Lamas, M.C.

Parasitology (Q1) 148, 13, 9, 2021

Editorial: Cambridge University Press

Development and optimization of a new tioconazole vaginal mucoadhesive film using an experimental design strategy. Physicochemical and biological characterization.

Calvo, Natalia L., Tejada, Guillermo, Svetaz, Laura A., Alvarez, Vera A., Lamas, María C., Leonardi, Darío.

Journal of Pharmaceutical and Biomedical analysis. (Q1) 205, 37 2021.

Editorial: Elsevier, Amsterdam.

Miconazole Nitrate Microparticles in Lidocaine Loaded Films as a Treatment for Oropharyngeal Candidiasis.

Calvo, Natalia L., Tejada, Guillermo, Svetaz, Laura A., Alvarez, Vera A., Lamas, María C., Leonardi, Darío.

Materials. (Q1) 16, 9, 2023.

Editorial: Elsevier, Amsterdam.

3D printing as a solution for tablet splitting challenges dedicated to the Chagas disease treatment.

Giselle R.Bedogni, Ana Luiza Lima, Idejan P.Gross, Tais Gratieri, Guilherme M.Gelfuso, María C. Lamas, Marcilio Cunha-Filho, Claudio J. Salomon.

Journal of Drug Delivery Science and Technology (Q1) 106, 106745, 2025.

Editorial: Elsevier, Amsterdam.

Significant Improvement in Bioavailability and Therapeutic Efficacy of Mebendazole Oral Nano-Systems Assessed in a Murine Model with Extreme Phenotypes of Susceptibility to *Trichinella spiralis*.

A. Codina, P. Indelman, L. Hinrichsen, M: C. Lamas

Pharmaceutics. (Q1) 17, 8, 1069, 2025.

Editorial: MDPI

External vs. internal crosslinking: Impact on praziquantel release from chitosan microparticles for oral delivery.

Silvina Orlandi, Darío Leonardi, María C. Lamas, Claudio J. Salomon **Journal of Drug Delivery Science and Technology (Q1), 119, 2026.** Editorial: Elsevier.

Bibliometric Index – Maria Celina Lamas (Argentina)

Main bibliometric indicators (approximate public data)

- H-index: 26
- i10-index: 37 (number of papers cited at least 10 times)

Autorizzo il trattamento dei miei dati personali contenuti nel mio CV ai sensi del D.Lgs. 196/2003 e del Regolamento UE 2016/679 (GDPR).