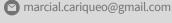
### MARCIAL CARIQUEO ARRIAGADA

Clinical Pharmacist - PharmD - MSc.





/marcialcariqueo



# **EDUCATION**

IT Academy - Barcelona Activa

**Data Analytics** 

2024



Universidad de Chile

Master of Science (MSc) in Pharmacology



Hospital Clínic de Barcelona

**Professional Training -Population Pharmacokinetics** 2019



Pontificia Universidad Católica de Chile

Pharmacy (PharmD)

2009

## SKILLS

Clinical and statistical data analysis

Clinical Research

Database Management

Population Pharmacokinetics

Drug Safety

Pharmacovigilance

Clinical Pharmacology

#### TOOLS







MySQL

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R-Project

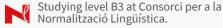
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#### LANGUAGES

Spanish •

English

Catalan (



## WORK EXPERIENCE

#### Academic Instructor

2018 - Present

Facultad de Ciencias Químicas y Farmacéuticas Universidad de Chile

REMOTE

- Teaching courses in pharmacy practice and clinical pharmacokinetics.
- Mentoring students in research projects.

#### **Academic Advisor**

Nou Hospital Evangèlic

2017 - Present

REMOTE

Facultad de ciencias medicas Universidad San Sebastian

- Provided academic advising to students in pharmacy.
- Guide to students in research.
- Teaching courses in pharmacology in critical care.

## Pharmacy Coordinator and Technical

2022 - 2024

BARCELONA

- Manage logistics and medication processes within the pharmacy service.
- Documentation and processes for ISO 9000:2015 accreditation.

## Critical Care Pharmacist

2015 - 2022

Hospital Clínico Universidad de Chile

SANTIAGO DE CHILE

- Medication therapeutic management of ICU patients.
- Clinical Pharmacokinetics specialist.
- Drug safety surveillance.

## Study Coordinator

2021 - 2022

Hospital Clínico Universidad de Chile

SANTIAGO DE CHILE

- Coordinate patient recruitment for clinical trials.
- Maintain clinical data from source documents to eCRFs.
- Support in adverse event notification process (AE/SAE).
- Assist in creating standardized operating procedures.
- Develop, update, and trace safety databases.

## Analyst of Pharmacovigilance & Regulatory Affairs

2014 - 2015

SANTIAGO DE CHILE

AstraZeneca

- Reception, evaluation, and notification of serious adverse reactions.
- Patient Safety Manager: (PSUR, DSUR, Reporting).
- Review of safety sections in trial protocols and investigator manuals.
- Development of Safety Management Plans.

## Critical Care Pharmacist & **Drug Safety Specialist**

2010 - 2014

SANTIAGO DE CHILE

Clínica Alemana de Santiago

- Pharmacotherapeutic monitoring of patients in the ICU service.
- Continuous training for physicians and nurses.
- Standardize pharmacotherapeutic processes and support in management.
- Reception, evaluation, and notification of serious adverse reactions.
- Maintenance of pharmacovigilance circuit traceability.

#### ADDITIONAL EXPERIENCE

2022 Critical Care Program Coordinator Facultad de Medicina, Universidad de Chile 2014-2018 Intravenous Therapy Consultant 3M Health Care, Chile

2015 Clinical Pharmacist - Consultant Hospital del Trabajador de Santiago, Chile

## MARCIAL CARIQUEO ARRIAGADA

Clinical Pharmacist - PharmD - MSc.





#### PUBLICATIONS

Bastida C, Hernández-Tejero M, **Cariqueo M**, Aziz F, Fortuna V, Sanz M, Brunet M, Fernández J, Soy D. Tigecycline population pharmacokinetics in critically ill patients with decompensated cirrhosis and severe infections. *J Antimicrob Chemother*. 2022 (18): 1365-1371.

Romero C, Bugedo G, **Cariqueo M**, Rojas V, Luengo C, Tobar E. 2021. "[Analgesia, Sedation, Neuromuscular Blockade and Delirium Management Practices in Chilean Intensive Care Units]." *Revista Médica de Chile*. 2021 (6): 864–872.

Escobar L, González C, Amador R, Amador J, **Cariqueo M**, Rosales R. "Consensus about the Duties of Pharmacists in Intensive Care Units in Chile." *Revista Médica de Chile*. 2018 (12): 1452–1458.

Leguina-Ruzzi A, **Cariqueo M**, and Gálvez R. "Three Years after the REDOXS Study: What We Have Learned in the Use of Glutamine in ICU Patients?" *Critical Care and Shock.* 2017; 20 (2): 21–23.

**Cariqueo M**, Gutiérrez T. Primer sistema de categorización de pacientes según riesgo farmacoterapéutico. *Revista Chilena de Medicina Intensiva*. 2015; 30 (2): 61-66.

Rojas C, Nervi O, Amador R, **Cariqueo M**, Riquelme P. DRESS syndrome: skin rash, fever and acute hepatitis associated to lamotrigine: report of two cases and review of the literature. *Gastroenterol. Latinoam.* 2010; 21 (3): 357-362.

#### THESIS

- Tigecycline population pharmacokinetic model in patients with decompensated cirrhosis and severe infection. Master's thesis in Pharmacology, 2022.
- Implementation of strategies for appropriate antimicrobial use in a critical care unit within a high complexity hospital. Thesis director. Universidad de Chile, 2016.

#### RESEARCH PRESENTED

- Population Pharmacokinetics of Tigecycline in Critically Ill Cirrhotic Patients. **Cariqueo M**, Bastida C, Soy D. *ModelBio*. Salamanca (Spain), November 2019.
- Implementing Antimicrobial Stewardship in University hospital. Luengo C, **Cariqueo M**. 37th International Symposium on Intensive Care and Emergency Medicine. Brussels (Belgium), March 2017.
  - Insulin receptor B isoform expression: a new insulin-resistance mechanism in critically ill patients? Luengo C, Guerrero J, **Cariqueo M**. 37th International Symposium on Intensive Care and Emergency Medicine. Brussels (Belgium), March 2017.

#### RESEARCH AND DEVELOPMENT PROJECTS

- An international survey on aminoglycoside practices in critically ill patients: the AMINO III study. *Ann Intensive Care*. 2021 Mar 19;11(1):49.
- New Pathogenic Mechanisms in Sepsis: Expression of IRS B in Septic Patients. Funding: OAIC Hospital Clínico Universidad de Chile. 2018 2019.
- Monitoring and Therapeutic Optimization of Drugs (Farm-Kinetic Network). U-Redes Program. Universidad de Chile. 2016 2018.