



Dr. Alexandro José Martagón Rosado

Assistant Research Professor at the Bioengineering and Medical Devices Unit

National System of Researchers Level I

Contact:



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Degrees:

- Bachelor's Degree in Biosciences – Tecnológico de Monterrey (2010)
- Ph.D. in Biotechnology – Tecnológico de Monterrey (2013)
- Médico Cirujano - Tecnológico de Monterrey (2016)
- Master's in Clinical Translation Management – University of St. Thomas (2018)
- Safety, Quality, Informatics, and Leadership – Harvard Medical School (2022)

Research areas:

- Obesity
- Type 2 diabetes
- Dyslipidemias

Selected publications:

1. Martagon AJ, Zubirán R, González-Arellanes R, Praget-Bracamontes S, Rivera-Alcántara JA, Aguilar-Salinas CA. HDL abnormalities in type 2 diabetes: Clinical implications. *Atherosclerosis*. 2023;117213.
2. Mehta R, Martagon AJ, Galan Ramirez GA, Antonio-Villa NE, Vargas-Vázquez A, Elias-Lopez D, et al. Familial hypercholesterolemia in Mexico: Initial insights from the national registry. *J Clin Lipidol*. 2021 Jan;15(1):124–33.
3. Martagón AJ, Bello-Chavolla OY, Arellano-Campos O, Almeda-Valdés P, Walford GA, Cruz-Bautista I, et al. Mexican carriers of the HNF1A p. E508K variant do not experience an enhanced response to sulfonylureas. *Diabetes Care*. 2018;41(8):1726–31.

Awards and recognitions:

- Inspirational Professor 2022
- National System of Researchers Level I
- “Dr. Eduardo Liceaga” Award 2020

Current projects:

- Global Nutrition Research Repository for Hispanic/Latinx Populations in collaboration with Arizona State University.
- Development of lateral flow devices for the detection of metabolic disorders in different body composition phenotypes.
- Familial Hypercholesterolemia Mexican National Registry.