

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Nair Rodríguez-Hornedo, Ph.D., professor of pharmaceutical sciences, College of Pharmacy, retired from active faculty status on December 31, 2021.

Professor Rodríguez-Hornedo received her B.S. degree in pharmacy from the University of Puerto Rico in 1975 and her M.S. and Ph.D. degrees both in pharmaceutics from the University of Wisconsin, in 1977 and 1984, respectively. She served as a research scientist at American Cyanamid (1984-85) before employment as an assistant professor at the University of Arizona's College of Pharmacy (1985-89). She joined the University of Michigan faculty as an assistant professor in 1989, and was promoted to associate professor in 1994, and professor in 2016.

Professor Rodríguez-Hornedo is an internationally recognized leader in the field of pharmaceutical crystals. She excelled in bridging the gap between crystal engineering and drug delivery properties by developing a mathematical/chemical framework that explains how multiple component crystals of drug compounds modulate both solid and solution behavior. Her discoveries have enabled the development of drugs as cocrystals and provided science-based, efficient methods for cocrystal discovery, selection, and dosage form design to address new therapies. She is inventor of several patents and author of over 80 peer-reviewed articles that have received over 7,500 citations. Her excellence in research is matched by her dedication to teaching and mentoring undergraduate and graduate students, as well as postdoctoral trainees. The significant impact of her work is further demonstrated by the numerous invited presentations she has given nationally and internationally and the prestigious awards that two of her publications have received: the Ebert Prize by the American Pharmacists Association (APhA) Academy of Pharmaceutical Research and Science (2005) and the award for best article published in the *European Journal of Pharmaceutical Sciences* (2020). Professor Rodríguez-Hornedo has also served as a member of the U.S. Food and Drug Administration Advisory Committee for Pharmaceutical Sciences; on the editorial boards of *Crystal Growth & Design*, *Molecular Pharmaceutics*, *Pharmaceutical Research*, and *Journal of Pharmaceutical Sciences*; and as a reviewer for several international and national research funding agencies and journals.

The Regents now salute this distinguished faculty member by naming **Nair Rodríguez-Hornedo, professor emerita of pharmaceutical sciences**.

Requested by:



Sally J. Churchill, J.D.
Vice President and Secretary of the University

February 2022