

BIOGRAPHICAL SKETCH

CRISTIAN D. MARTINEZ-RAMOS

CURRENT STATUS

UNDERGRADUATE STUDIES, DEPT. OF CHEMISTRY, UPR-RIO PIEDRAS

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EDUCATION

2016-PRESENT

BS. CHEMISTRY, UNIVERSITY OF PUERTO RICO-RIO PIEDRAS

Concentration GPA: 4.00

Cumulative GPA: 3.87

2012-2016

HIGH SCHOOL DIPLOMA, COLEGIO NUESTRA SEORA DEL CARMEN

CURRENT RESEARCH INTERESTS

My research focuses in the elucidation of the lipid membrane composition of Torpedo Nobileana's electric organ; rich source of nicotinic acetylcholine receptors (nAChR). The activity of these membrane proteins in many cases is dependent on the lipid environment in which these are found in their respective tissues. Our objective is to determine essential lipids vital for optimal activity of the receptor and the solubilization of nAChR in order to obtain its crystallographic structure.

HONORS

2017 Research Initiative for Scientific Enhancement (RISE) Fellowship

2017 National Society for Collegiate Scholars

2017 American Chemical Society