

MUNI



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SCINational Centre
for Biomolecular
Research

Structural Biology Seminar Series

Spring 2025

Thursday 13:00–14:00

University Campus Bohunice, Building B11, Room 205

NCBR SEMINAR SERIES

STRUCTURAL BIOLOGY AT THE END OF THE WORLD: WHAT ARE WE DOING IN CHILE?

SPEAKER: MAXIMILIANO FIGUEROA, PHD

(UNIVERSITY OF CONCEPCIÓN, CHILE)

WHEN: APRIL 10th 2025 at 1PM**WHERE:** 205/B11

The University of Concepción is located in the central region of Chile, in the city of Concepción, the country's second most important city after the capital, Santiago. Structural biology research at our institution is primarily conducted within the Department of Biochemistry and Molecular Biology.

For over 30 years, our research groups have been investigating the relationship between protein structure and function. In this seminar, I will introduce you to various models, ranging from **phycobilisomes** and **phycobiliproteins**, which help us understand energy transfer in algae, to **artificial protein design**. We will also explore enzyme studies, the potential applications of novel proteins as therapeutics, and how proteins can contribute to more eco-friendly solutions in today's world.