Molecular Sciences Research Center

Ana R. Guadalupe, PhD Executive Director August 13, 2019



152,000 sq. ft. Research space

Seven Floors

Laboratory Space

Co-working Space

Vivarium

Scientific Instrumentation

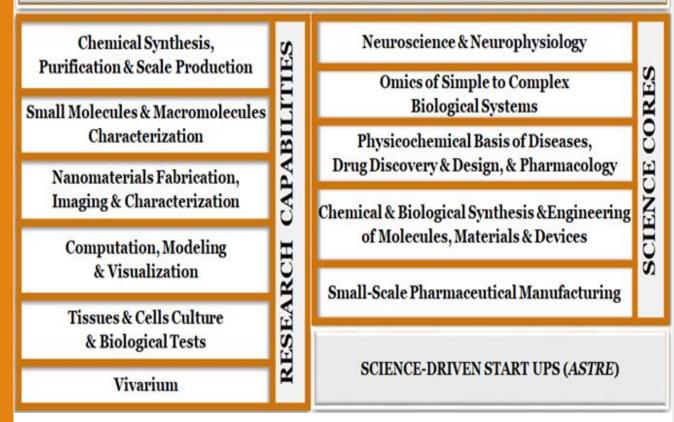
Specialized Research Services



RESEARCH AND DISCOVERY

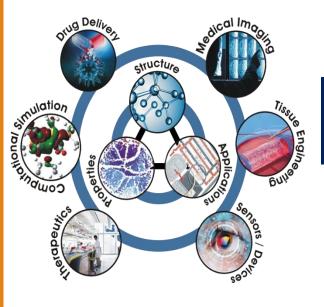
Understanding of the Physicochemical and Biochemical Characteristics and Engineering Principles of Materials, Structures & Systems and Their Technological Applications

Research

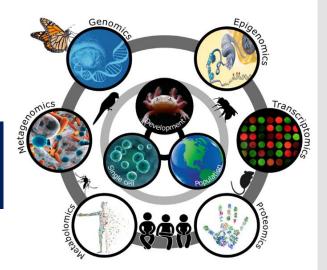


Mission

To develop competitive scientific research with high social and economic value to position the UPR and Puerto Rico as a key player in molecular sciences research worldwide.

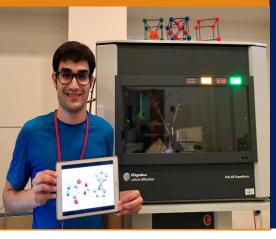


Biotechnology and Life Sciences In-depth insights of biological systems at different scales Nanobiotechnology Nanomaterials Interaction in Complex Biological Environments





Core Research Facilities



- Nuclear Magnetic Resonance
- Mass Spectrometry
- Atomic & Molecular Light Spectroscopy
- Neuroimaging & Electrophysiology Facility
- Functional Genomics and Sequencing
- Surface Spectroscopy and Microscopy

Diverse Scientific Community:

Collaborations & Partnerships

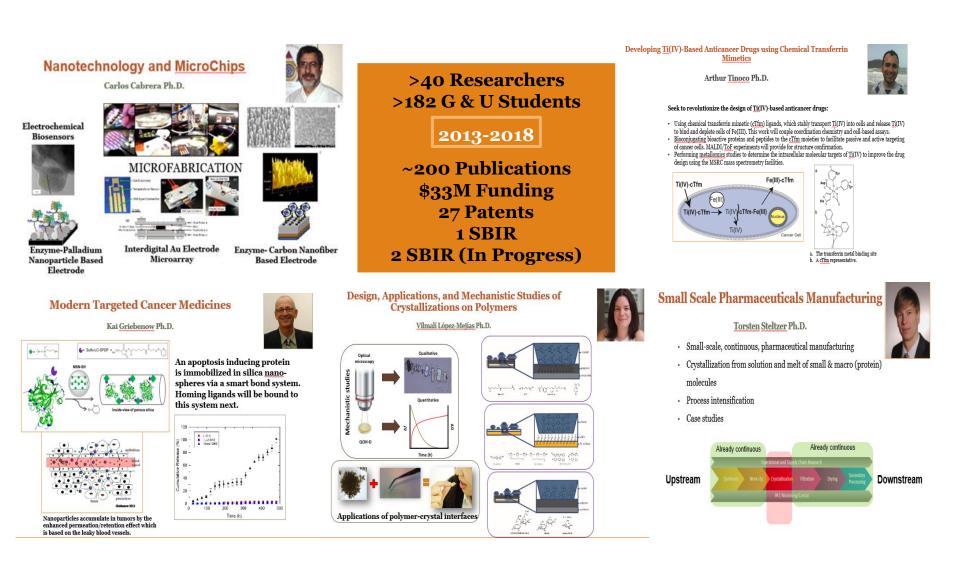


Protein Structure Workshop March 16 and 17, 2019

VATIONAL ACCELERATOR LABORATOR

C SSRL @ Rigaku





Education, Professional Training & Outreach

A job alternative for scientists with expertise in tissues and cells culture, scientific instrumentation management, and compliance.





BioScience Week

A STEM experiential opportunity for High School students and the community.



A laboratory for the STEM education of students, postdoctoral, associate and affiliate researchers, technicians, and professional scientists.



Co-Working Space





THANK YOU!

How to interact with the MSRC?

MOUs for...

- COOP & Internship Experiences
 - **Career Opportunities**
 - **Research Partnerships**
 - Academic Collaborations
 - Business: space allocation, start-ups, scientific research services