

Student Spotlight

WENDY CARCAMO

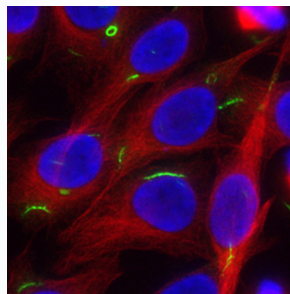


Wendy Carcamo is currently enrolled in the Interdisciplinary PhD Program (IDP) in Biomedical Sciences, where she is performing her dissertation research in the laboratory of Edward Chan, Ph.D. in the Department of Oral Biology. Her specific concentration within IDP is Molecular Cell Biology. Wendy is currently funded by the Alumni Fellowship sponsored by the College of Medicine and was previously funded by BRIDGES Fellowship supported by the Minority Graduate Studies.

Wendy's research has identified a novel cytoplasmic cellular structure that was identified using autoantibodies produced by Hepatitis C patients that have been treated with Interferon-alpha and ribavirin. The structures (as shown in the figure in green) are referred to as rods and rings (RR), and are formed when enzymes involved in the nucleotide biosynthesis pathway are inhibited. The structures have been identified in multiple cancer cell lines as well as stem cells. This data has been submitted for publication and is anticipated to be published in the Fall.

During her graduate studies, Wendy has had the opportunity to present in various conferences such as the American college of Rheumatology Conference, The American Society for Cell Biology and the 10th Dresden Symposium on Autoantibodies. In addition, she has received the IDP Travel award, the Medical Guild Incentive Award, a Dental research Day Presentation Award and the Minorities Affairs Committee Travel Award for the American Society for Cell Biology Meeting.

Figure 1: HeLa cells were labeled to visualize rods and rings (rabbit polyclonal anti-IMP2H2, green), microtubules (mouse monoclonal anti-tubulin, red) and nuclei (DAPI, blue). Fluorescent images were captured with a Zeiss Axiovert 200M microscope (Carl Zeiss, Jena, Germany) and processed using Adobe Photoshop (Adobe Systems, San Jose, CA).



Upcoming Events

Research Faculty Meeting

Tuesday, October 25th
10:00-11:00am
Room D8-46

Translational Research Meeting

Tuesday, October 25th
12:00-1:30pm
Room D8-46

Research Committee Meeting

Wednesday, October 26th
12:00-1:30pm
Room DG-41

Florida Biomedical Research Program Open Session

Tuesday, November 8th
1:00-2:00pm
Ruth K. and Shepard Broad Building
1300 Center Drive
Conference Room 104
For information,
contact Anthe Hoffman
at antheh@ufl.edu
or 352-273-5392.

Research Committee Meeting

Wednesday, November 23rd
12:00-1:30pm
Room DG-41

Research Committee Meeting

Wednesday, December 5th
9:00-10:30am
Room DG-41

UFCD Annual Holiday Tea

Wednesday, December 14th
12:00-1:30pm
Biomedical Sciences Bldg.
Reception Area