

Connie A. Tenorio
Florida State University
College of Medicine
Department of Biomedical Sciences
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Education

Ph.D. Candidate, Biomedical Sciences 2014-2019
PI: Dr. Michael Blaber
Florida State University, Tallahassee, FL

B.S. Degree in Biology and Chemical Science (Double major) 2013
Florida State University, Tallahassee, FL

B.A. Degree in History 2013
Minor in Psychology
Florida State University, Tallahassee, FL

Research Experience

Undergraduate DIS student in the Blaber Lab 2012-2014

Graduate Research Assistant and PhD candidate in the Blaber Lab 2014-2019

Teaching Experience

Frontiers in Medicine (3 lectures in Pharmacokinetics) Spring 2016-2019
Florida State University

Peer-reviewed Publications

Fine-sampled Photographic Quantitation of Dermal Wound Healing Senescence in Aged BALB/cByJ Mice and Therapeutic Intervention with FGF-1. 2018
Mellers, A., **Tenorio, C.A.**, Lacatusu, D., Powell, B., Patel, B., Harper, K.M. and Blaber, M., 2018, *Advances in Wound Care* (in press)

Investigating the Dynamics and Polyanion Binding Sites of Fibroblast Growth Factor-1 Using Hydrogen-Deuterium Exchange Mass Spectrometry. 2018
 Angalakurthi SK, **Tenorio CA**, Joshi SB, Volkin DB, Weis DD, Blaber M, Middaugh CR. (Accepted) Protein Sci. Article DOI: 10.1002/pro.3423

The Folding Nucleus Structure Persists in Thermally-Aggregated FGF-1. 2017
 Longo LM, Gao Y, **Tenorio CA**, Wang G, Paravastu AK, Blaber M. Protein Sci. PMID: 29076579

An S116R Phosphorylation Site Mutation in Human Fibroblast Growth Factor-1 Differentially Affects Mitogenic and Glucose-Lowering Activities 2016
 Xia X, Kumru OS, Blaber SI, Middaugh CR, Li L, Ornitz DM, Suh JM, Atkins AR, Downes M, Evans RM, **Tenorio CA**, Bienkiewicz E, Blaber M. J Pharm Sci. PMID: 27773526

Engineering a Cysteine-Free Form of Human Fibroblast Growth Factor-1 for "2nd Generation" Therapeutic Application 2016
 Xia X, Kumru OS, Blaber SI, Middaugh CR, Li L, Ornitz DM, Sutherland MA, **Tenorio CA**, Blaber M. J Pharm Sci. PMID: 27019961

A Single Aromatic Core Mutation Converts a Designed "Primitive" Protein from Halophile to Mesophile Folding, 2015
 Longo LM, **Tenorio CA**, Kumru OS, Middaugh CR and Blaber M. Protein Science PMID: 25297559

Alternative Folding Nuclei Definitions Facilitate the Evolution of a Symmetric Protein Fold from a Smaller Peptide Motif, 2013
 Longo LM, Lee J, **Tenorio CA** and Blaber, M. Cell: Structure. PMID: 24139990

Awards

Florida State University College of Medicine MSC Travel Award (\$2000) 2019
 Florida State University, Tallahassee, FL

Myra M. Hurt Graduate Student Leadership Award (\$250) 2018
 Florida State University, Tallahassee, FL

Selected for the 2018 St. Jude Children's Research Hospital National Graduate Student Symposium (41 selected from over 1,500 applicants) 2018

Rill Award for Outstanding Junior Graduate Student (\$250) 2016
 Florida State University, Tallahassee, FL

Florida State University Congress of Graduate Students Presentation Award (\$500) 2015, 2017, 2019
Florida State University, Tallahassee, FL

First Place for “Protofoil” at the Art in STEM Research Student Art Gallery Exhibit (\$50) 2015
Florida State University, Tallahassee, FL

McKnight Doctoral Fellowship (Five year fellowship \$12k/year) 2014
Florida Education Fund

National Science Foundation Fellowship for Research Experience for Undergraduates (\$7,000) 2013
Florida Agricultural and Mechanical University/Florida State University, Tallahassee, FL

Second Place for “Amino Acids Confer Low-salt Stability to a Prebiotic, Halophilic Protein” 2013
Florida Agricultural and Mechanical University/Florida State University, Tallahassee, FL

Presentations

“Incorporating a Functional Mutation into a Symmetric Scaffold as Proxy for Functional Adaptation via Rearrangement of its Folding Nucleus.” 2018
Tenorio, C.A., Parker JB, Blaber M.
17th Annual National Graduate Student Symposium
St. Jude Children’s Hospital, Memphis, Tennessee

“Incorporating a Functional Mutation into a Symmetric Scaffold as Proxy for Functional Adaptation via Rearrangement of its Folding Nucleus.” 2017
Tenorio, C.A., Parker JB, Blaber M.
31st Annual Protein Society Symposium
Montreal, Quebec, Canada

“A Single Aromatic Core Mutation Converts a Designed ‘Primitive’ Protein from Halophile to Mesophile Folding” Tenorio, C.A., Longo, L.M., Kumru, O.S, Middaugh C.R., and Blaber, M. 2015
29th Annual Protein Society Symposium
Barcelona, Spain

“Amino Acids Confer Low-salt Stability to a Prebiotic, Halophilic Protein” 2013
Tenorio, C.A., Longo, L.M., Lee, J., and Blaber, M.
Annual Conference on Advances in Functional Biology
Florida Agricultural and Mechanical University/Florida State University, Tallahassee, FL

Service

Graduate Student Representative of the Council of Diversity and Inclusion. <i>College of Medicine at Florida State University, Tallahassee, FL</i>	2018-present
Chair of the 2 nd Annual Biomedical Sciences Retreat. <i>College of Medicine at Florida State University, Tallahassee, FL</i>	2017-2018
Outreach with Florida State College of Medicine Biomedical Sciences Graduate Student Association. <i>College of Medicine at Florida State University, Tallahassee, FL</i>	2015-present
Outreach with Alpha Chi Sigma Professional Chemistry Fraternity. <i>Tallahassee, FL</i>	2011-2013
Tutor for Alpha Chi Sigma Fraternity in association with The Learning District at Paul A. M. Dirac Science Library, <i>Florida State University, Tallahassee, FL</i>	2011-2012

Memberships & Affiliations

President of Biomedical Sciences Graduate Student Association	2018-present
Vice President of Biomedical Sciences Graduate Student Association	2016-2018
Member, Protein Society	2015-present
Member, Alpha Chi Sigma Professional Chemistry Fraternity	2011- present

Students Mentored

Zoe Parrales
 Daena Senatus
 Brandon Parker
 Diana Lacatusu
 Brooke Haggerot
 Brett Powell
 Justin Bartell
 Gabriela Balicas (high school internship)
 Andrew Huh
 Jake Golden
 Lauren Passino
 Haley Peterson
 Adrian Tenorio (high school internship)
 Nicole Grubb
 Alana Mellers