

## Sabyasachi Moulik, Ph.D.

DEPARTMENT OF CELLULAR BIOLOGY & PHARMACOLOGY  
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### EDUCATION

<b>Degree</b>	<b>Institution</b>	<b>Field</b>	<b>Dates</b>
Postdoctoral Research Fellow	Faculty of Medicine, Department of Physiology, Diabetes Research Group, University of Manitoba, Winnipeg, MB, Canada.	Diabetes	2004-2008
Ph.D.	Quillen College of Medicine, Department of Physiology, East Tennessee State University, Johnson City, TN, USA	Biomedical Sciences, Concentration: Physiology	1999-2004
M.S.	Quillen College of Medicine, Department of Physiology, East Tennessee State University, Johnson City, TN, USA	Biomedical Sciences, Concentration: Physiology	1996-1999
M.Sc. (Honours School)	Department of Biophysics, Panjab University, Chandigarh, India	Biophysics	1981-1984
B.Sc. (Honours School)	Department of Biophysics, Panjab University, Chandigarh, India	Biophysics	1978-1981

**FULL-TIME ACADEMIC EXPERIENCE**

<b>Institution</b>	<b>Rank</b>	<b>Field</b>	<b>Dates (Month &amp; Year)</b>
Florida International University, Herbert Wertheim College of Medicine (HWCOM), Miami, FL, USA	Associate Professor	Physiology and Pathophysiology	May 2013-present
University of Prince Edward Island, Department of Biology, Charlottetown, PE, Canada	Associate Professor	Anatomy and Physiology	Jan 2012-April 2013
Medical University of the Americas, Nevis, West Indies	Associate Professor	Physiology	Sept 2009-Dec 2011
Medical University of the Americas, Nevis, West Indies	Assistant Professor	Physiology	Sept 2008-August 2009
DY Patil University School of Dentistry, Navi Mumbai, India	Lecturer	Physiology	Aug 1991-Aug 1996
DY Patil University School of Medicine, Navi Mumbai, India	Assistant Lecturer	Biophysics	Aug 1989-Aug 1996

**PART-TIME ACADEMIC EXPERIENCE**

<b>Institution</b>	<b>Rank</b>	<b>Field</b>	<b>Dates (Month &amp; Year)</b>
University of Manitoba, Department of Biological Sciences, Winnipeg, MB, Canada	Sessional Instructor	Physiology	May 2007-August 2007
East Tennessee State University, Department of Biology, Johnson City, TN, USA	Graduate Teaching Assistant	Biology	January 2004- April 2004

## SELECTED PUBLICATIONS

1. Lemus-Martinez SM, Weiler T, Schneider GW, **Moulik S**, Athauda G (2021) “Teaching squares”: A grassroots approach to engaging medical educators in faculty development, *Med Teach*, <https://doi.org/10.1080/0142159X.2021.1929903>
2. Bisschops J, **Moulik S**, Schneider GW (2021) Improving Nutrition Education with Second-Year Medical Students: From Take-Home Assignment to Large-Group Application Exercise. *Med.Sci.Educ.*, <https://doi.org/10.1007/s40670-021-01342-7>
3. Persaud-Sharma D., Burns J., Trangle J., Castro G., Barengo N., **Moulik S.**, Lozano J.M. (2019). Demographic Variation in the Frequency of Gliomas in Florida. *Medicina*, 55(1), 5; <https://doi.org/10.3390/medicina55010005>
4. Persaud-Sharma D., Burns J., Trangle J., **Moulik S.** (2017). Disparities in Brain Cancer in the United States: A Literature Review of Gliomas, *Med. Sci.* 5(3), 16; doi:[10.3390/medsci5030016](https://doi.org/10.3390/medsci5030016)
5. Nguyen, K.H., Yao, X.H., **Moulik, S.**, Mishra, S. and Nyomba, G. (2011). Human IGF Binding Protein-3 Overexpression Impairs Glucose Regulation in Mice Via an Inhibition of Insulin Secretion. *Endocrinology*. 152(6):2184-2196.
6. Ande S., **Moulik, S.** and Mishra, S. (2009). Interaction between O-GlcNAc modification and tyrosine phosphorylation of prohibitin: Implication for a novel binary switch. *PLoS ONE*. 4(2): e4586.
7. Mishra, S.\*, **Moulik, S.\*** and Murphy, L.J. (2007). Prohibitin binds to C3 and enhances complement activation. *Mol. Immunol.* 44(8): 1897-1902 (\*equal contributors)
8. Vessal, M., Mishra, S., **Moulik, S.** and Murphy, L.J. (2006). Prohibitin attenuates insulin-stimulated glucose and fatty acid oxidation in adipose tissue by inhibition of pyruvate carboxylase. *FEBS J.* 273 (3): 568-576.
9. **Moulik, S.**, Speth, R.C., Turner, B.B. and Rowe B.P. (2002). Angiotensin II receptor subtype distribution in the rabbit brain. *Exp. Brain Res.*, 142 (2): 275-283.
10. **Moulik, S.**, Speth, R.C. and Rowe, B.P. (2000). Differential loss in function of angiotensin II receptor subtypes during tissue storage. *Life Sci.*, 66 (16): 233-237.

## TEACHING/SCIENTIFIC AWARDS, AND RECOGNITIONS

Dates	Award/Recognition
2020	Florida International University (FIU) Senate ‘Faculty Award for Excellence in Teaching.’ Award includes engraved award, FIU medal, and US\$ 5,000 honorarium
2019	Herbert Wertheim College of Medicine ‘Excellence in Teaching Award for

	Course/Clerkship Direction'
2018	Nominated for Herbert Wertheim College of Medicine Excellence in Teaching Award for 'Lecturing and Course/Clerkship Direction categories'
2011	The Outstanding Professor Award-in Recognition of Superior Teaching and Commitment to Quality Medical Education, Medical University of the Americas, Nevis, West Indies
2006	Postdoctoral Research Fellowship Award (CAD\$ 25,000) from Health Sciences Centre Foundation, Winnipeg, MB, Canada
2005	Postdoctoral Fellowship Award from The Dean's Fellowship Fund (CAD\$ 26,000) University of Manitoba, Faculty of Medicine, Winnipeg, MB, Canada

#### OFFICES HELD IN PROFESSIONAL SOCIETIES

<b>Dates</b>	<b>Role</b>
August 2022-	Membership and Internal Communications Chair, Pathways Pipelines and Bridges Special Interest Group (PPB SIG), Association of American Medical Colleges (AAMC)
September 2021-July 2022	Membership Coordinator, Pathways Pipelines and Bridges Special Interest Group (PPB SIG), Association of American Medical Colleges (AAMC)
March 2019-August 2021	Membership Coordinator, Pathways Pipelines and Bridges Special Interest Group (PPB SIG) of Southern Group on Educational Affairs (SGEA), Association of American Medical Colleges (AAMC)
April 2018-April 2020	President, Florida International University Chapter of 'Sigma Xi, The Scientific Research Honor Society' <a href="http://sigmaxi.org">About (sigmaxi.org)</a>
April 2017-April 2018	Vice President, Florida International University Chapter of 'Sigma Xi, The Scientific Research Honor Society'
April 2016-April 2017	Treasurer-Secretary, Florida International University Chapter of 'Sigma Xi, The Scientific Research Honor Society'

## FACULTY MENTORSHIP

<b>Dates</b>	<b>Faculty Name</b>
Spring 2021-present	Dr Rania El-Desoky, Post-Doctoral Academic Fellow Current Appointment: Clinical Assistant Professor, Department of Pharmacy Practice and Translational Research, University of Houston College of Pharmacy, Houston, TX <i>PALM Mentor, Promoting Active Learning and Mentoring (PALM) network</i>
Fall 2021-present	Dr Rodrigo E. Martinez, Clinical Assistant Professor, Athletic Training Program, FIU Nicole Wertheim College of Nursing and Health Sciences
Fall 2020-Summer 2021	Dr John Roufaiel, Assistant Professor, Department of Cellular Biology and Pharmacology, FIU HWCOM
Fall 2019-Summer 2020	Dr Danny Lizano, Instructor, FIU Master in Physician Assistant Studies (MPAS)

## STUDENT MENTORSHIP

<b>Dates</b>	<b>Student Name</b>
Spring 2022-present	Charo Thomas (HWCOM Graduate Certificate Program Student)
Spring 2022-present	Nicole Hernandez (HWCOM Graduate Certificate Program Student)
Spring 2022-present	Derek Rojas (HWCOM Graduate Certificate Program Student)
Fall 2019-Spring 2020	Keith Shopa (HWCOM Medical Student)
Fall 2019-Spring 2020	Frances De La Camara (HWCOM Medical Student)
Fall 2019-Spring 2020	Komal Kinger (HWCOM Medical Student)
	Mentor for MDE 7092: Teaching Skills Elective
Fall 2018-Fall 2019	Alexandra Townsend (HWCOM Medical Student)
Spring 2017-Spring 2019	Dharam Persaud-Sharma (HWCOM Medical Student)
Spring 2017-Spring 2019	Joseph Burns (HWCOM Medical Student)
Spring 2017-Spring 2019	Jeran Trangle (HWCOM Medical Student)
Fall 2017-Fall 2019	Daphney Dorcius (HWCOM Medical Student)
Fall 2017-Fall 2019	Raquel Chavarria (FIU Premed Undergraduate Student, Golden Scholars Bridge Program)
	The 'Golden Scholars Bridge Program' exclusively supports first-year and first-generation college
Fall 2016-Fall 2018	Patricia Rivero (FIU Premed Undergraduate Student, Golden Scholars Bridge Program)
	The 'Golden Scholars Bridge Program' exclusively supports first-year and first-generation college