

Curriculum vitae

Date Prepared: 8/28/2021
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Place of Birth: Viet Nam

Education

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
2001 - 2015	Ph.D.	Life Sciences (Dr. Hao-Ven Wang)	National Cheng Kung University
2009 - 2011	M.Sc.	Medical Laboratory Science and Biotechnology	National Cheng Kung University
2007 - 2008	N/A	Post grad. in Biotechnology	Ho Chi Minh City University of Technology
2002 - 2006	B.Sc.	Medical Laboratory Science	University of Medicine and Pharmacy of Ho Chi Minh City

Postdoctoral Training

Year(s)	Titles	Specialty/Discipline (Lab PI for postdoc research)	Institution
2016 - 2021	Post-Doctoral Researcher	Heart Regeneration (Drs. Beverly A. Rothermel and Hesham A. Sadek)	UT Southwestern Medical Center, Cardiology
2015 - 2016	Post-Doctoral Scholar	Kidney degeneration/ Lung cancer (Dr. Su-Hao Lo)	UC Davis, School of Medicine, Biochemistry and Molecular Biology

Current Licensure and Certification

Licensure N/A

Board and Other Certification N/A

Honors and Awards

Year	Name of Honor/Award	Awarding Organization
2021 - 2024	Career Development Award	American Heart Association
2020 - 2021	Trainee Fellowship (Postdoc)	The Hamon Center for Regenerative Science and Medicine, UT Southwestern Medical Center
2018 - 2020	Postdoctoral Fellowship	American Heart Association
2017 - 2018	Trainee Fellowship (Postdoc)	The Hamon Center for Regenerative Science and Medicine, UT Southwestern Medical Center
2013	Best Poster Award	The Biology Society of China 38th Conference-Biodiversity Under Threat Symposium, Taiwan
2011 - 2015	Doctoral Scholarship	National Cheng Kung University, Taiwan
2009 - 2011	Master Scholarship	National Cheng Kung University, Taiwan
2008	First prize in CSQL of HCMC's Logo Design Competition	Center for Standardization and Quality Control in Medical Laboratory of Ho Chi Minh City, Viet Nam
2006 - 2007	Distinguished Undergraduate Medical Student Scholarship	Lawrence S.Ting Corp., Viet Nam
2004 - 2006	Undergraduate Scholarship	HCMC University of Medicine and Pharmacy, Viet Nam

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
2021 - present	Assistant Instructor	Internal Medicine/ Cardiology	UT Southwestern Medical Center

Appointments at Hospitals/Affiliated Institutions

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
2008 - 2009	Medical Laboratory Technologist	Quality Control	Center for Standardization and Quality Control in Medical Laboratory of Ho Chi Minh City, Viet Nam
2006 - 2007	Pathologist	Department of Molecular Genetics and Cytogenetics	Tu Du Obstetrics & Gynecology Hospital, Viet Nam
<u>Current</u>			
Year(s)	Position Title	Department/Division	Institution
N/A			

Other Professional Positions

Year(s)	Position Title	Institution
N/A		

Major Administrative/Leadership Positions

Year(s)	Position Title	Institution
N/A		

Committee Service (*Member, unless noted otherwise*)

Year(s)	Name of Committee	Institution/Organization
<u>UTSW</u>		
N/A		
<u>Hospital</u>		
N/A		
<u>State/Regional</u>		
N/A		
<u>National/International</u>		
N/A		

Professional Societies

Dates	Society Name, member
2017 - present	American Heart Association, member
2017 - present	Sigma Xi, member
2008 - present	Ho Chi Minh City Medical Association of Medical Laboratory Technology, member

Grant Review Activities

Year(s)	Name of Review Committee	Organization
N/A		

Editorial Activities

Year(s)	Journal Name
<u>Editor/Associate Editor</u>	
N/A	
<u>Editorial Board</u>	
N/A	
<u>Ad Hoc Reviewer</u>	
N/A	

Grant Support

Present	<i>Grantor:</i> American Heart Association
	<i>Title of Project:</i> Micronuclei-mediated Activation of cGAS-STING Regulates Postnatal Cardiomyocyte Cell Cycle Arrest
	<i>Role (Principal Investigator, Co-Investigator):</i> Principal Investigator (trainee)
	<i>Annual amount and date (direct costs only):</i> \$77,000.00
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$231,000.00
	7/1/2021 - 6/30/2024
Past	<i>Grantor:</i> The Hamon Center for Regenerative Science and Medicine, UT Southwestern Medical Center
	<i>Title of Project:</i> Translational targeting of Meis1-Hoxb13 towards heart regeneration
	<i>Role (Principal Investigator, Co-Investigator):</i> Principal Investigator (trainee)
	<i>Annual amount and date (direct costs only):</i> \$25,000.00
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$25,000.00
	2020 - 2021
Past	<i>Grantor:</i> American Heart Association
	<i>Title of Project:</i> The role of calcineurin in cell cycle arrest of postnatal cardiomyocytes
	<i>Role (Principal Investigator, Co-Investigator):</i> Principal Investigator (trainee)
	<i>Annual amount and date (direct costs only):</i>
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$110,456.00
	1/1/2019 - 12/31/2020
Past	<i>Grantor:</i> The Hamon Center for Regenerative Science and Medicine, UT Southwestern Medical Center
	<i>Title of Project:</i> Deciphering the interplay between serine/threonine phosphatase Calcineurin (CN) and cardiomyocyte proliferation

	<i>Role (Principal Investigator, Co-Investigator):</i> Principal Investigator (trainee)
	<i>Annual amount and date (direct costs only):</i> \$25,000.00
	<i>Total amount of award (if multi-year) and dates (direct costs only):</i> \$25,000.00
	2017 - 2018

Clinical Trials Activities

<u>Present</u>	<i>Grantor:</i>
N/A	<i>Title of Project:</i>
	<i>Role (Principal Investigator, Co-Investigator):</i>

<u>Past</u>	<i>Grantor:</i>
N/A	<i>Title of Project:</i>
	<i>Role (Principal Investigator, Co-Investigator):</i>

Teaching Activities

<u>Year(s)</u>	<u>Activity</u>
	<u>Medical and graduate school didactic and small group teaching</u>
N/A	
	<u>Dissertation committees</u>
N/A	
	<u>Qualifying examination committees</u>
N/A	
	<u>Committees concerned with medical and graduate student education</u>
N/A	
	<u>Graduate student rotations</u>
N/A	
	<u>Medical student rotations</u>
N/A	
	<u>Graduate student trainees</u>
N/A	

<u>Postgraduate medical education (graduate & continuing medical education)</u>	
N/A	
<u>Postdoctoral trainees</u>	
N/A	

Invited Lectures

Year(s)	Title	Location
<u>International</u>		
N/A		
<u>National</u>		
N/A		
<u>Regional/Local</u>		
N/A		

Technological and Other Scientific Innovations

Innovation
Patent, if any, pending or awarded /If described in print/on web, provide citation
N/A

Service to the Community

Year(s)	Role	Organization or institution
N/A		

Bibliography

Peer-Reviewed Publications

Original Research Articles

1.	Mahmoud S. Ahmed*, Ping Wang*, Ngoc Uyen Nhi Nguyen , Yuji Nakada, Ivan Menendez-Montes, Muhammad Ismail, Robert Bachoo, Mark Henkemeyer, Hesham A. Sadek, and Enas S. Kandil. Identification of tetracycline combinations as EphB1 tyrosine kinase inhibitors for treatment of neuropathic pain. <i>PNAS</i> 118 No. 10 (2021)
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2.	Ngoc Uyen Nhi Nguyen , Diana C. Canseco, Feng Xiao, Yuji Nakada, Shujuan Li, Nicholas T. Lam, Shalini A. Muralidhar, Jainy J. Savla, Joseph A. Hill, Victor Le, Kareem A. Zidan, Hamed W. El-Feky, Zhaoning Wang, Mahmoud Salama Ahmed, Maimon E. Hubbi, Ivan Menendez-Montes, Jesung Moon, Shah R. Ali, Victoria Le, Elisa Villalobos, Magid S. Mohamed, Waleed M. Elhelaly, Suwannee Thet, Chukwuemeka George Anene-Nzelu, Wilson Lek Wen Tan, Roger S. Foo, Xun Meng, Mohammed Kanchwala, Chao Xing, Jagoree Roy, Martha S. Cyert, Beverly A. Rothermel & Hesham A. Sadek. A Calcineurin-Hoxb13 Axis Regulates The Growth Mode of Mammalian Cardiomyocytes. <i>Nature</i> 582, 271–276 (2020)
3.	Shujuan Li, Ngoc Uyen Nhi Nguyen , Feng Xiao, Ivan Menendez-Montes, Yuji Nakada, Wilson Lek Wen Tan, Chukwuemeka George Anene-Nzelu, Roger Foo, Suwannee Thet, Alisson Campos Cardoso, Ping Wang, Waleed M. Elhelaly, Nicholas T. Lam, Ana Helena Macedo Pereira, Joseph Hill, Hesham A. Sadek. Mechanism of Eccentric Cardiomyocyte Hypertrophy in Response to Severe Mitral Regurgitation. <i>Circulation</i> . 141:1787–1799 (2020)
4.	Alisson C. Cardoso*, Nicholas T. Lam*, Jainy J. Savla*, Yuji Nakada, Ana Helena M. Pereira, Abdallah Elnwasany, Ivan Menendez-Montes, Emily L. Ensley, Ursa Bezan Petric, Gaurav Sharma, A. Dean Sherry, Craig R. Malloy, Chalermchai Khemtong, Michael Kinter, Wilson Lek Wen Tan, Chukwuemeka George Anene-Nzelu, Roger Sik-Yin Foo, Ngoc Uyen Nhi Nguyen , Shujuan Li, Mahmoud Salama Ahmed, Waleed M. Elhelaly, Salim Abdisalaam, Aroumougame Asaithamby, Chao Xing, Mohammed Kanchwala, Goncalo Vale, Kaitlyn M. Eckert, Matthew A Mitsche, Jeffrey G. McDonald, Joseph A. Hill, Linzhang Huang, Philip W. Shaul, Luke I. Szveda, and Hesham A. Sadek. Mitochondrial substrate utilization regulates cardiomyocyte cell-cycle progression. <i>Nature Metabolism</i> 2, 167–178 (2020)
5.	Elisa Villalobos, Alfredo Criollo, Gabriele G. Schiattarella, Francisco Altamirano, Kristin M. French, Herman I. May, Nan Jiang, Ngoc Uyen Nhi Nguyen , Diego Romero, Juan Carlos Roa, Lorena García, Guillermo Diaz-Araya, Eugenia Morselli, Anwarul Ferdous, Simon J. Conway, Hesham A. Sadek, Thomas G. Gillette, Sergio Lavandero, Joseph A. Hill. Fibroblast Primary Cilia are Required for Cardiac Fibrosis. <i>Circulation</i> . 139:2342–2357 (2019)
6.	Yuji Nakada, Ngoc Uyen Nhi Nguyen , Feng Xiao, Jainy Savla, Nicholas Lam, Salim Abdisalaam, Souprano Bhattacharya, Shibani Mukherjee, Aroumougame Asaithamby, Thomas G Gillette, Joseph A Hill, and Hesham A. Sadek. DNA Damage Response Mediates Pressure Overload-Induced Cardiomyocyte Hypertrophy. <i>Circulation</i> . 139:1237–1239 (2019)
7.	David Rotter, Heshan Peirisb, D Bennett Grinsfelder, Alyce M Martin, Jana Burchfield, Valentina Parra, Christi Hull, Cyndi R Morales, Claire F Jessup, Dusan Matusica, Brian W Parks, Aldons J Lusic, Ngoc Uyen Nhi Nguyen , Misook Oh, Israel Iyoke, Tanvi Jakkampudi, D Randy McMillan, Hesham A Sadek, Matthew J Watt, Rana K Gupta, Melanie A Pritchard, Damien J Keating & Beverly A Rothermel. Regulator of Calcineurin 1 helps coordinate whole-body metabolism and thermogenesis. <i>EMBO Reports</i> 19:e44706 (2018)
8.	Ngoc-Uyen-Nhi Nguyen , Hao-Ven Wang. Dual Roles of Palladin Protein in In Vitro Myogenesis: Inhibition of Early Induction but Promotion of Myotube Maturation. <i>PLoS ONE</i> 10(4): e0124762 (2015)
9.	Ngoc Uyen Nhi Nguyen , Vincent Roderick Liang, Hao-Ven Wang. Actin-associated protein palladin is required for migration behavior and differentiation potential of C2C12 myoblast cells. <i>Biochemical and Biophysical Research Communications</i> , Volume 452, Issue 3, Pages 728-733 (2014)

Reviews, Chapters, Monographs and Editorials

1.	N/A
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2.	
3.	

Books/Textbooks

1.	Moydul Islam, Ngoc Uyen Nhi Nguyen, Abhinav Diwan, and Beverly A. Rothermel. Chapter 8: Autophagy in germ cells, stem cells, and iPSCs, in Autophagy in Health and Disease, 2 nd Edition, Academic Press (2021) ISBN: 9780128220030
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Case Reports

1.	N/A
2.	
3.	
4.	

Letters to the Editor

1.	N/A
2.	

Proceedings of Meetings

1.	N/A
2.	

Clinical Practice Guidelines

1.	N/A
2.	

Non-peer reviewed scientific or medical publications/materials in print or other media

1.	N/A
2.	
3.	
4.	
5.	