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EDUCATION

2011 – 2015	**NATIONAL CHENG KUNG UNIVERSITY**, Taiwan Department of Life Sciences Advisor: Hao-Ven Wang, Ph.D.	Ph.D.
2009 – 2011	**NATIONAL CHENG KUNG UNIVERSITY**, Taiwan School of Medicine, Medical Laboratory Science and Biotechnology	M.Sc.
2007 – 2009	**HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY**, Viet Nam	Post-grad., Biotechnology
2002 – 2006	**UNIVERSITY OF MEDICINE AND PHARMACY OF HO CHI MINH CITY**, Viet Nam Medical Laboratory Sciences	B.Sc.

POSITION AND RESEARCH EXPERIENCE

2025 – present	**UNIVERSITY OF SOUTH FLORIDA,** FL Department of Internal Medicine, Cardiology University of South Florida Health Heart Institute Morsani College of Medicine	Assistant Professor (Tenure-Earning)
2023 – 2025	**UT SOUTHWESTERN MEDICAL CENTER**, TX Department of Internal Medicine, Cardiology	Instructor
2021 – 2023	**UT SOUTHWESTERN MEDICAL CENTER**, TX Department of Internal Medicine, Cardiology	Assistant Instructor
2016 – 2021	**UT SOUTHWESTERN MEDICAL CENTER**, TX Department of Internal Medicine, Cardiology Mentors: Beverly A. Rothermel, Ph.D. Hesham A. Sadek, M.D., Ph.D.	Post-Doctoral Researcher
2015 – 2016	**UC DAVIS**, CA School of Medicine, Biochemistry and Molecular Biology Mentor: Su-Hao Lo, Ph.D.	Post-Doctoral Scholar
2008 – 2009	**CENTER FOR STANDARDIZATION AND QUALITY CONTROL IN MEDICAL LABORATORY OF HCMC**, Viet Nam	Medical Laboratory Technologist
2006 – 2007	**TU DU OBSTETRICS & GYNECOLOGY HOSPITAL**, Viet Nam	Pathologist

Department of Molecular Genetics and Cytogenetics

2005 **VU ANH HOSPITAL,** Viet Nam Medical Laboratory Assistant

RESEARCH TOPICS

Cardiac Regeneration, Cardiomyopathy, Limb Regeneration, Striated Muscle Development, Antimetastasis

PUBLICATIONS

In total, 20 peer-reviewed publications (lead author in 9 articles in Nature, NCVR, Circulation, PLoS ONE, BBRC, JCA, BBREP, JCI; second author in 3 Circulation articles and 1 PNAS article), along with 7 preprints or works in preparation; more than 700 citations, *h-index*=12, and *i10-index*=12.
Source: Google Scholar https://scholar.google.com/citations?user=mcfmMZkAAAAJ&hl=en&oi=ao

Original Research Articles

1. Wang P*, Ahmed MS*, Nguyen NUN*, Menendez-Montes I, Hsu CC, Farag A, Thet S, Lam NT, Wansapura J, Crossley E, Ma N, Zhao SR, Zhang TJ, Morimoto S, Singh R, Elhelaly W, Tassin TC, Cardoso AC, Williams NS, Pointer HL, Elliott DA, McNamara JW, Watt KI, Porrello ER, Sadayappan S, Sadek HA. An FDA-Approved Drug Structurally and Phenotypically Corrects the K210del Mutation in Genetic Cardiomyopathy Models. ***J Clin Invest.*** 2025;135(4):e174081. *Contributed equally.

2. Lam NT, Nguyen NUN, Elhelaly W M., Hsu CC, Menendez-Montes I, Xiao F, Ali SR, Vo N, Briard N, El-Feky L, Omari QM, Cardoso AC, Liu Y, Ahmed MS, Li S, Thet S, Xing C, Zangi L, Sadek HA. Induced Cytokinesis Generates Highly Proliferative Mononuclear Cardiomyocytes at the Expense of Contractility. ***Circulation*** 2025;151:1009–1023.

3. Wu YJ, Chiao CC, Chuang PK, Hsieh CB, Ko CY, Ko CC, Chang CF, Chen TY, Nguyen NUN, Hsu CC, Chu TH, Fang CC, Tsai HY, Tsai HC, Anuraga G, Ta HDK, Xuan DTM, Kumar S, Dey S, Wulandari FS, Manalu RT, Ly NP, Wang CY, Lee YK. Comprehensive Analysis of Bulk and Single-cell RNA sequencing Data Reveals Schlafen-5 (SLFN5) As a Novel Prognosis and Immunity. ***Int J Med Sci*** 2024; 21(12):2348-2364.

4. Nguyen NUN*†, Hsu CC*, Ali SR, Wang HV†. Actin-organizing Protein Palladin Modulates C2C12 Cell Fate Determination. ***Biochemistry and Biophysics Reports*** 39 (2024) 101762. *Contributed equally. †Corresponding authors.

5. Xiao F*, Nguyen NUN*, Wang P, Li S, Hsu CC, Thet S, Kimura W, Luo X, Lam NT, Menendez-Montes I, Elhelaly W, Cardoso AC, Pereira AHM, Singh R, Sadayappan S, Kanchwala M, Xing C, Ladha FA, Hinson JT, Hajjar RJ, Hill JA, and Sadek HA. Adducin Regulates Sarcomere Disassembly During Cardiomyocyte Mitosis. ***Circulation*** 2024;150:791–805. *Contributed equally.

6. Liu CH, Ho YC, Lee WC, Huang CY, Lee YK, Hsieh CB, Huang NC, Wu CC, Nguyen NUN, Hsu CC, Chen CH, Chen YC, Huang WC, Lu YY, Fang CC, Chang YC, Chang CL, Tsai MK, Wen ZH, Li CZ, Li CC, Chuang PK, Yang SM, Chu TH, Huang SC. Sodium-Glucose Co-Transporter-2 Inhibitor Empagliflozin Attenuates Sorafenib-Induced Myocardial Inflammation and Toxicity. ***Environmental Toxicology*** 2024; 0:1–15.

7. Ahmed MS*, Nguyen NUN*, Nakada Y, Hsu CC, Farag A, Lam NT, Wang P, Thet S, Menendez-Montes I, Elhelaly WM, Lou X, Secco I, Tomczyk M, Zentilin L, Pei J, Cui M, Dos Santos M, Liu X, Liu Y, Zaha D, Walcott G, Tomchick D, Xing C, Zhang CC, Grishin NV, Giacca M, Zhang Y, Sadek HA. Identification of FDA-Approved Drugs That Induce Heart Regeneration in Mammals. ***Nat Cardiovasc Res*** 3, 372–388

(2024). *Contributed equally. (accompanied by an ***Editorial***: Yuan, X., Braun, T. Toward drug-induced heart regeneration.)

8. Ali SR*, Nguyen NUN*, Menendez-Montes I, Hsu CC, Elhelaly W, Lam NT, Li S, Elnwasany A, Nakada Y, Thet S, Foo RSY, Sadek HA. Hypoxia-induced stabilization of HIF2A promotes cardiomyocyte proliferation by attenuating DNA damage. ***J Cardiovasc Aging*** 2024;4:11. *Contributed equally.

9. Ahmed MS*, Farag AB*, Boys IN*, Wang P*, Menendez-Montes I, Nguyen NUN, Eitson JL, Ohlson MB, Fan WC, McDougal MB, Mar K, Thet S, Ortiz F, Kim SY, Solmonson A, Williams NS, Lemoff A, DeBerardinis RJ, Schoggins JW, Sadek HA. FDA approved drugs with antiviral activity against SARS-CoV-2: From structure-based repurposing to host-specific mechanisms. ***Biomedicine & Pharmacotherapy*** 162 (2023) 11461. *Contributed equally.

10 Shih PC*, Chen HP*, Hsu CC, Lin CH, Ko CY, Hsueh CW, Huang CY, Chu TH, Wu CC, Ho YC, Nguyen NUN, Huang SC, Fang CC, Tzou SJ, Wu YJ, Chen TY, Chang CF, and Lee YK. Long-term DEHP/MEHP exposure promotes colorectal cancer stemness associated with glycosylation alterations. ***Environmental Pollution*** 327 (2023) 121476.

11 Lam NT*, Nguyen NUN*, Ahmed MS, Hsu CC, Coronado PER, Li S, Menendez-Montes I, Thet S, Elhelaly WM, Xiao F, Wang X, Williams NS, Canseco DC, Red-Horse K, Rothermel BA, Sadek HA. Targeting calcineurin induces cardiomyocyte proliferation in adult mice. ***Nat Cardiovasc Res*** 1, 679–688 (2022). *Contributed equally. (accompanied by an ***Editorial***: Watanabe, H., Sucov, H.M. Cardiomyocyte proliferation by calcineurin inhibition.)

12 Ahmed MS*, Wang P*, Nguyen NUN, Nakada Y, Menendez-Montes I, Ismail M, Bachoo R, Henkemeyer M, Sadek HA, and Kandil ES. Identification of tetracycline combinations as EphB1 tyrosine kinase inhibitors for treatment of neuropathic pain. ***PNAS*** 2021 Vol. 118 No. 10 e2016265118. *Contributed equally.

13 Nguyen NUN, Canseco DC, Xiao F, Nakada Y, Li S, Lam NT, Muralidhar SA, Savla J, Hill JA, Le V, Zidan K, El-Feky HW, Wang Z, Ahmed MS, Hubbi ME, Menendez-Montes I, Moon J, Ali SR, Le V, Villalobos E, Mohamed MS, Elhelaly WM, Thet S, Anene-Nzelu CG, Tan WLW, Foo RS, Meng X, Kanchwala M, Xing C, Roy J, Cyert MS, Rothermel BA, Sadek HA. A Calcineurin-Hoxb13 Axis Regulates The Growth Mode of Mammalian Cardiomyocytes. ***Nature*** 582, 271–276 (2020).

14 Li S, Nguyen NUN, Xiao F, Menendez-Montes I, Nakada Y, Tan WLW, Anene-Nzelu CG, Foo R, Thet S, Cardoso AC, Wang P, Elhelaly WM, Lam NT, Pereira, Hill JA, Sadek HA. Mechanism of Eccentric Cardiomyocyte Hypertrophy in Response to Severe Mitral Regurgitation. ***Circulation*** 2020; 141:1787–1799.

15 Cardoso AC*, Lam NT*, Savla JJ*, Nakada Y, Pereira AHM, Elnwasany A, Menendez-Montes I, Ensley EL, Bezan Petric UB, Sharma G, Sherry AD, Malloy CR, Khemtong C, Kinter M, Tan WLW, Anene-Nzelu CG, Foo RSL, Nguyen NUN, Li S, Ahmed MS, Elhelaly WM, Abdisalaam S, Asaithamby A, Xing C, Kanchwala M, Vale G, Eckert KM, Mitsche MA, McDonald JG, Hill JA, Huang L, Shaul PW, Szweda LI, and Sadek HA. Mitochondrial substrate utilization regulates cardiomyocyte cell-cycle progression. ***Nat Metab*** 2, 167–178 (2020). *Contributed equally.

16 Villalobos E, Criollo A, Schiattarella GG, Altamirano F, French KM, May HI, Jiang N, Nguyen NUN, Romero D, Roa JC, García L, Diaz-Araya G, Morselli E, Ferdous A, Conway SJ, Sadek HA, Gillette TG, Lavandero S, Hill JA. Fibroblast Primary Cilia are Required for Cardiac Fibrosis. ***Circulation*** 2019;139:2342–2357.

17 Nakada Y, Nguyen NUN, Xiao F, Savla J, Lam NT, Abdisalaam S, Bhattacharya S, Mukherjee S, Asaithamby A, Gillette TG, Hill JA, and Sadek HA. DNA Damage Response Mediates Pressure Overload-Induced Cardiomyocyte Hypertrophy. ***Circulation*** 2019; 139:1237–1239.

18 Rotter D, Peirisb H, Grinsfelder DB, Martin AM, Burchfield J, Parra V, Hull C, Morales CR, Jessup CF, Matusica D, Parks BW, Lusis AJ, Nguyen NUN, Oh M, Iyoke I, Jakkampudi T, McMillan DR, Sadek HA, Watt MJ, Gupta RK, Pritchard MA, Keating DJ & Rothermel BA. Regulator of Calcineurin 1 helps coordinate whole-body metabolism and thermogenesis. ***EMBO Reports*** (2018) 19: e44706.

19 Nguyen NUN, Wang HV. Dual Roles of Palladin Protein in In Vitro Myogenesis: Inhibition of Early Induction but Promotion of Myotube Maturation. ***PLOS ONE*** (2015) 10(4): e0124762.

20 Nguyen NUN, Liang VR, Wang HV. Actin-associated protein palladin is required for migration behavior and differentiation potential of C2C12 myoblast cells. ***Biochemical and Biophysical Research Communications*** 452 (2014) 728–733

Reviews, Chapters, Monographs, and Editorials

1. Islam M, Nguyen NUN, Diwan A, and Rothermel BA. Chapter 8: Autophagy in germ cells, stem cells, and iPSCs, in *Autophagy in Health and Disease, 2nd Edition.* 2021.
   ISBN: 9780128220030

Non-peer-reviewed scientific and in preparation/revision

1. Menendez-Montes I, Marin-Vicente C, Mukherjee S, Ahmed MS, Gomez MJ, Anene-Nzelu CG, Lee M, Solmonson A, Ali SR, Elnwasany A, Lam NT, Thet S, Calvo E, Cardoso AC, Pereira AHM, Xiao F, Wang P, Nguyen NUN, Hsu CC, DeBerardinis R, Foo RSY, Kinter M, Szweda LI, Asaithamby A, Enriquez JA, Torres M, Vazquez J and Sadek HA. Mitochondria Directly Interact with the Nuclear Pore Complex to Regulate Nuclear Energetics. (In revision ***Nature***, R3, 2025)

2. Liu HP, Chuang PK, Chiao CC, Chang CH, Ko CY, Ko CC, Chu TH, Yuan CH, Nguyen NUN, Hsu CC, Ko YM, Do TMX, Kumar S, Lin HY, Wang CY, Lee YK. Mitotic Cycle Modulation: A Novel Therapeutic Approach to Overcoming Transarterial chemoembolization (TACE) Refractoriness. (In revision ***Cancer Drug Resistance***, R1, 2024)

3. Ali SR*, Nguyen NUN*, Elhelaly W, Hsu CC, Li S, Menendez-Montes I, Wang Z, Cui M, Elnwasany A, Xiao F, Thet S, Lam NT, Cardoso A, Pereira AHM, Wang J, Olson E, Kinter MT, Szweda LI, Shelton J, Kimura W, Sadek HA. Angiocrine IGFBP3 Spatially Coordinates IGF Signaling During Neonatal Cardiac Regeneration. (In revision ***JMCC***, 2025) *Contributed equally.

4. Hsu WH, Chang KF, Chang CH, Lin HR, Wu CJ, Ko CC, Wu CC, Ho YC, Lin CC, Yuan CH, Kumar S, Wulandari FS, Do TMX, Hsieh CB, Chiao CC, Nguyen NUN, Wang CY, Lee WK. EXT1 Glycosylation Signatures Modulate Inflammatory Cascades in Pan-Cancer: Implications for Prognosis and Therapy. (In submission ***Computers in Biology and Medicine***, 2025)

5. Shih PC, Lee YK, Hsu CC, Lin TH, Nguyen NUN, Chen HP, Lin WL, Chang CF. Downregulation of ST8SIA6 Promotes Colorectal Cancer Metastasis by Facilitating Mucin 16/Integrin β4 interaction. (In submission ***Journal of Biomedical Science***, 2025)

6. Liu HP, Tseng IH, Hsieh CB, Wu YC, Chang KF, Chang CH, Chu TH, Yuan CH, Chang CF, Wang CY, Sehar M, Ko CC, Do TMX, Kumar S, Nguyen NUN, Hsu CC, Lee YK. Bio-evaluation and in silico molecular docking of Galectin-3 inhibitors GB1107 and Pimasertib for Suppressing Hepatocellular Carcinoma Progression. (In submission ***Journal of the Taiwan Institute of Chemical Engineers***, 2025)

7. Liu HP, Lee YK, Chang CF, Sehar M, Wu YC, Ko CC, Chu TH, Chang CH, Yuan CH, Do TMX, Wang CY, Nguyen NUN, Kumar S, Hsu CC, Chuang PK. Studying of GB1107 and Pimasertib as Potential Therapeutic Agents Targeting Galectin-3 in Suppressing Hepatocellular Carcinoma Progression (In submission ***Life Sciences***, 2024)

8. Nguyen NUN, Liu TY, Wang HV. Timing Appearance and Integration of Actin-organizing Palladin Protein in Dynamic Myofibril Assembly. ***BioRxiv*** (2015)

Technological and Other Scientific Innovations

Sadek HA, Nguyen NUN, Ahmed MS, Tomchick D, Zhang J. "Compositions and methods of regenerating heart tissues with aminoglycosides", was filed on January 21, 2022, patent pending
U.S. Provisional Patent Application Serial No. 63/301,966 | UTSD:3991
Publication No. US2025/0134917 A1 (2025-05-01)

Presentations

Invited/Selected Talks

Year	Title	Location
2024	Transcriptional Regulation of Cardiomyocyte Cell Cycle: From Mechanism to Therapy	University of South Florida Health Heart Institute, Tampa, FL, U.S.A.
2024	Transcriptional Regulation of Cardiomyocyte Cell Cycle: From Mechanism to Therapy	Centro Nacional de Investigaciones Cardiovasculares, Madrid, Spain (Virtually)
2022	Identification of FDA-Approved Drugs That Induce Heart Regeneration in Mammals	AHA Scientific Sessions Late-Breaking Science, Chicago, IL, U.S.A. (Virtually)
2022	Role of Calcineurin in Mammalian Cardiomyocyte Regeneration	Experimental Biology 2022, Philadelphia, PA, U.S.A.
2019	A Calcineurin-Hoxb13 Axis Regulates the Switch from Hyperplastic to Hypertrophic Growth of Mammalian Cardiomyocytes	Leducq group meeting, Redox Regulation of Cardiomyocyte Renewal, Aswan, Egypt
2018	A Calcineurin-Hoxb13 Axis Regulates the Switch from Hyperplastic to Hypertrophic Growth of Mammalian Cardiomyocytes	Hamon Center for Regenerative Science and Medicine WIP, UT Southwestern Medical Center, Dallas, TX, U.S.A.
2015	The Involvement of Palladin Protein in Dynamic Myofibril Assembly	Cell Dynamics Symposium, National Cheng Kung University, Tainan, Taiwan
2014	Palladin Negatively Regulates Myoblast Differentiation Through the Suppression of Muscle Differentiation Genes	Taiwan Developmental Biology Meeting, Keelung, Taiwan

Posters

Year	Title	Location
2024	Adducin Promotes Cardiomyocyte Sarcomere Disassembly	AHA Basic Cardiovascular Sciences, Chicago, IL, U.S.A.
2023	Identification of FDA-Approved Drugs that Induce Heart Regeneration in Mammals	Regenerating the Cardiovascular System: Mending Broken Hearts and Beyond, The Physiological Society, University of Oxford, Oxford, UK
2020	A Calcineurin-Hoxb13 Axis Regulates Growth Mode of Mammalian Cardiomyocytes	AHA Basic Cardiovascular Sciences, U.S.A.

2020	A Calcineurin-Hoxb13 Axis Regulates Growth Mode of Mammalian Cardiomyocytes	Women in Science and Medicine Conference, UT Southwestern Medical Center in Dallas, U.S.A.
2019	A Calcineurin-Hoxb13 Axis Regulates the Switch from Hyperplastic to Hypertrophic Growth of Mammalian Cardiomyocytes	Women in Science and Medicine Conference, UT Southwestern Medical Center in Dallas, USA
2018	The calcineurin/RCAN1 axis influences mitochondrial dynamics, metabolism, and biogenesis	AHA Basic Cardiovascular Sciences, U.S.A.
2017	The role of serine/ threonine protein phosphatase calcineurin in cell cycle arrest of postnatal cardiomyocytes	UTSW Postdoctoral Poster Session and Symposium, Dallas, TX, U.S.A.
2015	A potential role of actin-associated protein palladin in preventing cachexia	8th International Conference on Cachexia, Sarcopenia and Muscle Wasting, France
2014	Characterization of Cytoskeleton-associated Protein, Palladin, in Myogenesis	The 22nd Symposium on Recent Advances in Cellular and Molecular Biology, Taiwan
2014	A dual role of palladin in myoblast migration and differentiation during skeletal muscle myogenesis	Keystone Symposia Conference - Growth and Wasting in Heart and Skeletal Muscle, U.S.A.
2013	Dual role of palladin in myoblast migration and differentiation during myogenesis	The Biology Society of China 38th Conference-Biodiversity Under Threat Symposium, Taiwan
2010	Characteristics of genomic instability caused by hepatitis B virus Pre-S2 mutant large surface antigen	International Meeting on Molecular Biology of Hepatitis B viruses, Taiwan

FUNDING

Ongoing

4/1/2023 - 3/31/2028

Grantor: NIH-National Heart, Lung and Blood Inst

Title of Project: Immune Response-Mediated Regulation of Cardiomyocyte Growth and Renewal.

Role: **Key Personnel | Project 1-PI: Hesham A. Sadek**

Total amount of award and dates $10,724,000 ($2,460,000 – Project 1-Sadek, PI)

Completed

7/1/2021 - 6/30/2024

Grantor: American Heart Association-**CAREER DEVELOPMENT GRANT** (856552)

Title of Project: Micronuclei-mediated Activation of cGAS-STING Regulates Postnatal Cardiomyocyte Cell Cycle Arrest

Role: **PI | Sponsor: Hesham A. Sadek**

4/1/2019 - 3/31/2023

Grantor: NIH-National Heart, Lung and Blood Inst-R01HL147276

Title of Project: Calcineurin Regulates Cardiomyocyte Cell Cycle Through Meis1 and Hoxb13

Role: **Key Personnel | PI: Hesham A. Sadek**

2020 - 2021

Grantor: The Hamon Center for Regenerative Science and Medicine, UT Southwestern Medical Center - **POSTDOCTORAL FELLOWSHIP**

Title of Project: Translational targeting of Meis1-Hoxb13 towards heart regeneration
Role: **Trainee** | **PI: Hesham A. Sadek**

1/1/2019 - 12/31/2020
Grantor: American Heart Association-**POSTDOCTORAL FELLOWSHIP** - (19POST34450039)
Title of Project: The role of calcineurin in cell cycle arrest of postnatal cardiomyocytes
Role: **PI** (**Trainee)** | **Sponsor: Beverly A. Rothermel, Hesham A. Sadek**

2017 - 2018
Grantor: The Hamon Center for Regenerative Science and Medicine, UT Southwestern Medical Center - **POSTDOCTORAL FELLOWSHIP**
Title of Project: Deciphering the interplay between serine/threonine phosphatase Calcineurin (CN) and cardiomyocyte proliferation
Role: **Trainee** | **PI: Beverly A. Rothermel**

HONORS AND AWARDS

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	Ph.D. Pre-doc Scholarship	National Cheng Kung University, Taiwan
2009 - 2011	Master Scholarship	National Cheng Kung University, Taiwan
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
2008	First place-CSQL of HCMC's Logo Design Competition *Became the official CSQL's logo*	Center for Standardization and Quality Control in Medical Laboratory of Ho Chi Minh City, Viet Nam

EDITORIAL AND REVIEW ACTIVITIES

Reviewer for Grants	American Heart Association Career Development Award Basic Science 2024
Ad Hoc Reviewer	Experimental Cell Research Clinical and Translational Medicine
Editorial Experiences	Editorial board, Frontiers in Cardiovascular Medicine Editorial board, BMC Cardiovascular Disorders

TEACHING | MENTORING

Year(s)	Duties	Location
2025	Guided the technical training process for myocardial infarction procedures in adult mouse models	Sarver Heart Center, The University of Arizona, Tucson, AZ, U.S.A.

2024	Conducted technical training on cardiac apical resection in neonatal mice	Department of Cardiology, Boston Children's Hospital, Boston, MA, U.S.A.
2017-2024	Provided technical training to visiting scholars and junior lab members in surgical and molecular biology techniques, including neonatal heart apical resection, myocardial injury, ischemia/reperfusion injury, Langendorff-perfused hearts, RNA-seq, sc-RNA-seq, ChIP-seq…	UT Southwestern Medical Center, TX, U.S.A.
2010	Teaching assistant-Virology	National Cheng Kung University, Taiwan
2008	Developed SOPs for external quality assessments in medical laboratory tests Provided teaching and training courses in Quality Control for medical technologists and technicians to ensure the reliability of testing results	Center for Standardization and Quality Control in Medical Laboratory of Ho Chi Minh City, Viet Nam

Year(s)	Teaching Micro-credential	Certifying Organization
2024	Promoting Active Learning	The Association of College and University Educators (ACUE), U.S.A.
2024	Designing Learner-Centered and Equitable Courses	The Association of College and University Educators (ACUE), U.S.A.
2024	Educator Development at UTSW (EDU) 2024	UT Southwestern Medical Center, U.S.A.

PROFESSIONAL SOCIETIES

2017 – Present	American Heart Association (AHA)
2025 – Present	American Association for Cancer Research (AACR)
2008 – Present	Ho Chi Minh City Medical Association of Medical Laboratory Technology