

Curriculum Vitae

NIPON CHATTIPAKORN, M.D., Ph.D.

ศาสตราจารย์ (เชี่ยวชาญพิเศษ) ดร. นายแพทย์ นพินทร์ จัตรีพิภกร

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Faculty of Medicine, Chiang Mai University,
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Current Position: *Distinguished Professor of Cardiac Electrophysiology*
Director, Cardiac Electrophysiology Research and Training Center,
Faculty of Medicine, Chiang Mai University
Chair, Department of Physiology, Faculty of Medicine,
Chiang Mai University
Visiting Professor, School of Pharmaceutical Sciences,
Wenzhou Medical University, Wenzhou, China
Visiting Professor, School of Medicine,
Kumamoto University, Kumamoto, Japan

EDUCATION

1992 *Doctor of Medicine (M.D.)*
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
1994 *Graduate Diploma in Clinical Science*
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
1998 *Ph.D. (Physiology and Biophysics - Cardiac Electrophysiology),*
University of Alabama at Birmingham, Birmingham, Alabama, USA
1998-1999 *Cardiac Electrophysiology Post-doctoral Fellow*
Division of Cardiovascular Diseases, Department of Medicine
University of Alabama at Birmingham, Alabama, USA

ACADEMIC RANKING

2019-Present *Visiting Professor,*
School of Medicine, Kumamoto University, Kumamoto, Japan
2014-Present *Visiting Professor,*
School of Pharmaceutical Sciences, Wenzhou Medical University,
Wenzhou, China

2019-2020	<i>Distinguished Professor (Level 2, Year 2)</i> (ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ชั้นที่ 2 ปีที่ 2-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่), Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2018-2019	<i>Distinguished Professor (Level 2, Year 1)</i> (ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ชั้นที่ 2 ปีที่ 1-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่), Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2017-2018	<i>Distinguished Professor (Level 1, Year 3)</i> (ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ชั้นที่ 1 ปีที่ 3-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่), Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2016-2017	<i>Distinguished Professor (Level 1, Year 2)</i> (ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ชั้นที่ 1 ปีที่ 2-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่), Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2015-2016	<i>Distinguished Professor (Level 1, Year 1)</i> (ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ชั้นที่ 1 ปีที่ 1-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่), Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2012-Present	<i>Distinguished Professor</i> (ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับ 11), Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2009-2011	<i>Professor</i> (ศาสตราจารย์ ระดับ 10), Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2005-2008	<i>Associate Professor</i> , Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
1993-2004	<i>Instructor</i> , Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2000-2003	<i>Research Assistant Professor</i> , Division of Cardiovascular Disease, Department of Medicine, University of Alabama at Birmingham, Birmingham, AL, USA
1992-1994	<i>Staff Clinician</i> , Maharaj Nakorn-Chiang Mai Hospital, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

PROFESSIONAL APPOINTMENT

2005-Present	<i>Director</i> , Cardiac Electrophysiology Research and Training Center (ศูนย์วิจัยและฝึกอบรมสาขาโรคทางไฟฟ้าของหัวใจ), Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2013-Present	<i>Department Chair</i> ,

- Department of Physiology, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2013-Present *Research Administration and Management Committee,*
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- 2003-2005 *Unit Head,*
Cardiac Electrophysiology Unit, Department of Physiology,
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- 2005-2009 *Vice-chair,*
Department of Physiology, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand

HONORS AND AWARDS

- 2020 *NSTDA Research Chair Professor (second successive term)*
(นักวิจัยแกนนำ สวทช สมัยที่ 2)
The National Science and Technology Development Agency (NSTDA),
Ministry of Higher Education, Science and Innovation, Bangkok, Thailand
- 2020 *Outstanding Research Project of the Year 2019 (Excellence Level),*
The National Research Council of Thailand, Bangkok, Thailand
- 2019 *Outstanding CMU Alumni Award 2019,*
Chiang Mai University, Chiang Mai, Thailand
- 2019 *Faculty of Medicine CMU Outstanding Alumni Gold Award,*
The 60th Anniversary Celebration of the Faculty of Medicine, Chiang Mai
University, Chiang Mai, Thailand
- 2019 *Distinguished Professorship Level 2, Year 2*
Faculty of Medicine, Chiang Mai University, Thailand
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูงชั้นที่ 2 ปีที่ 2)
- 2019 *Faculty with the Highest Number of International Published Articles of the
Year 2018 Award,*
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2019 *Honorary Member of the Heart Association of Thailand* under the Royal
Patronage of H.M. the King, Bangkok, Thailand
- 2018 *Faculty with the Highest Number of International Published Articles of the
Year 2017 Award,*
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2018 *The Dushdi Mala Medal* (เหรียญดุษฎีมาลาเข็มศิลปวิทยา),
Awarded by the King of Thailand

- 2018 *Distinguished Professorship Level 2, Year 1*
Faculty of Medicine, Chiang Mai University, Thailand
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูงชั้นที่ 2 ปีที่ 1)
- 2017 *Faculty with the Highest Number of International Published Articles of the Year 2016 Award,*
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2017 *Faculty with the Highest Total Impact Factor Published Articles of the Year 2016 Award,*
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2017 *Faculty with the Highest Citations of the Year 2016 Award,*
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2017 *Distinguished Professorship Level 1, Year 3*
Faculty of Medicine, Chiang Mai University, Thailand
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูงชั้นที่ 1 ปีที่ 3)
- 2016 *Faculty with the Highest Number of International Published Articles of the Year 2015 Award,*
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2016 *Faculty with the Highest Total Impact Factor Published Articles of the Year 2015 Award,*
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2016 *Alumni Award for Outstanding Researcher,*
The Faculty of Medicine Chiang Mai University Alumni Association,
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- 2016 *Distinguished Professorship Level 1, Year 2*
Faculty of Medicine, Chiang Mai University, Thailand
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูงชั้นที่ 1 ปีที่ 2)
- 2016 *Council Member, the National Research Council of Thailand (Biomedical Sciences Section),*
Bangkok, Thailand (กรรมการสภาวิจัยแห่งชาติสาขาวิทยาศาสตร์การแพทย์)
- 2015 *Distinguished Professorship Level 1, Year 1*
Faculty of Medicine, Chiang Mai University, Thailand
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูงชั้นที่ 1 ปีที่ 1)
- 2014 *NSTDA Research Chair Professor*
(นักวิจัยแกนนำ สวทช)

The National Science and Technology Development Agency (NSTDA),
Ministry of Science and Technology, Bangkok, Thailand

- 2014 *Thailand Best Citizen in Science and Technology*,
Office of the Prime Minister, Bangkok, Thailand
(บุคคลดีเด่นของชาติ สาขาวิทยาศาสตร์และเทคโนโลยี ประจำปีพุทธศักราช 2557 จากคณะกรรมการ
เอกลักษณ์ของชาติ สำนักนายกรัฐมนตรี)
- 2014 *Faculty with the Highest Impact Factor Published Article of the Year 2013
Award*,
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2014 *Faculty with the Highest Total Impact Factor Published Articles of the
Year 2013 Award*,
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2013 *Thailand Best Researcher Award in Biomedical Sciences*
(นักวิจัยดีเด่นแห่งชาติ)
National Research Council of Thailand,
Bangkok, Thailand
- 2013 *ASAIHL-Thailand Outstanding Academic Professor Award in Biomedical
Sciences*,
The Association of Southeast Asian Institutes of Higher Learning of
Thailand Bangkok, Thailand
(รางวัลอาจารย์ดีเด่น ประเภทอาจารย์อาวุโสดีเด่นสาขาวิทยาศาสตร์สุขภาพ ประจำปี 2556 จากสมาคม
สถาบันการศึกษานานาชาติแห่งภูมิภาคเอเชียตะวันออกเฉียงใต้ ประจำปีประเทศไทย),
- 2013 *Faculty with the Highest Number of International Published Articles of the
Year 2012 Award*,
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
- 2012 *Outstanding Scientist Award*
(นักวิทยาศาสตร์ดีเด่นประจำปี 2555),
Foundation for the Promotion of Science and Technology under the
Patronage of H.M. the King, Bangkok, Thailand
- 2012 *Outstanding TRF Research of the Year 2012*,
Thailand Research Fund, Bangkok, Thailand
- 2012 *TRF Senior Research Scholar Award*
(เมธีวิจัยอาวุโส สกว. สมัยที่ 2)
Thailand Research Fund, Bangkok, Thailand
- 2010-2013 *Anandhamahidol Supporting Scholar Award*,

- Medicine Division of the Anandhamahidol Foundation, Bangkok, Thailand
- 2010 *The Royal Golden Jubilee Fellowship Award for PhD Advisor,*
Thailand Research Fund
- 2009 *TRF Senior Research Scholar Award*
(เมธีวิจัยอาวุโส สกว. สมัยที่ 1)
Thailand Research Fund, Bangkok, Thailand
- 2009 *The Royal Golden Jubilee Fellowship Award for PhD Advisor,*
Thailand Research Fund, Bangkok, Thailand
- 2009 *The Ministry of University Affair Fellowship Award for PhD Advisor,*
Ministry of University Affair, Bangkok, Thailand
- 2008 *TRF-CHE Outstanding Mid-Career Researcher Award,*
Thailand Research Fund and The Commission on Higher Education
(CHE), Bangkok, Thailand
- 2008 *Faculty of Medicine's Proud Alumni Award,*
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- 2008 *The Royal Golden Jubilee Fellowship Award for PhD Advisor,*
Thailand Research Fund, Bangkok, Thailand
- 2008 *The Ministry of University Affair Fellowship Award for PhD Advisor,*
Ministry of University Affair, Bangkok, Thailand
- 2006 *Gold Elephant Award for Best Research Scientist in Medical Science*
(รางวัลช่างทองค่านักวิจัยดีเด่นสาขาวิทยาศาสตร์การแพทย์),
Chiang Mai University, Chiang Mai, Thailand
- 2006-2009 *TRF Research Scholar* (เมธีวิจัย สกว.),
The Thailand Research Fund, Bangkok, Thailand
- 2006 *Vejdusit Foundation Research Award,*
Vejdusit Foundation, Bangkok, Thailand
- 2005-2008 *Anandhamahidol Supporting Scholar Award,*
Medicine Division of the Anandhamahidol Foundation, Bangkok,
Thailand
- 2005 *Best Government Service Staff of the Year,*
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- 2003-2006 *TRF Research Scholar* (เมธีวิจัย สกว.),
The Thailand Research Fund, Bangkok, Thailand
- 2002 *Winner, ACC/Procter & Gamble Pharmaceuticals Career Development
Award in Arrhythmias,*
American College of Cardiology (ACC), USA
- 2001 *Principal Alien of Extraordinary Ability in the Sciences (O-1),*

- 2000 United States Immigration and Naturalization Services, USA
Young Investigator Award (Clinical Investigation, Second place),
 American College of Cardiology (ACC), Anaheim, California, USA
- 2000 *American Heart Association Beginning Grant-in-Aid Award*,
 American Heart Association, Southeast Affiliate, USA
- 2000 *Outstanding Visiting Scholar Award*,
 University of Alabama at Birmingham, Birmingham, Alabama, USA
- 1999 *Wyeth-Ayerst Electrophysiology Fellowship Award*,
 The 10th Annual Wyeth-Ayerst Electrophysiology Fellowship Program at
 the North American Society of Pacing and Electrophysiology (NASPE),
 Toronto, Canada
- 1999 *Most Outstanding Graduate*,
 Department of Physiology and Biophysics, University of Alabama at
 Birmingham, Birmingham, Alabama, USA
- 1999 *Finalist, Outstanding Scholar Award*,
 University of Alabama at Birmingham, Birmingham, Alabama, USA
- 2000 *Nominee, the National CGS/UMI Distinguished Dissertation Award in
 Biological and Life Sciences*,
 Council of Graduate Schools, Washington, D.C., USA
- 1998 *Young Investigator Award (Honorable mention)*,
 North American Society of Pacing and Electrophysiology (NASPE), San
 Diego, California, USA
- 1998-1999 *Outstanding Graduate Fellow (Physiology and Biophysics)*,
 24th Annual Honors Convocation, University of Alabama at Birmingham,
 Birmingham, Alabama, USA
- 1998 *Travel Grant Award*,
 Graduate Student Association-University of Alabama at Birmingham,
 Birmingham, Alabama, USA
- 1998 *Academic Excellence Award*,
 Center for International Program, University of Alabama at Birmingham,
 Birmingham, Alabama, USA
- 1998 *Graduate Fellow Research Award*,
 University of Alabama at Birmingham, Birmingham, Alabama, USA
- 1998 *Academic Excellence Award*,
 23rd Annual Honors Convocation, University of Alabama at Birmingham,
 Birmingham, Alabama, USA
- 1995-1998 *Graduate Research Fellowship Award*,

- Department of Physiology and Biophysics, University of Alabama at Birmingham, Birmingham, Alabama, USA
- 1993 *The Royal Thai Government Scholarship*, Bangkok, Thailand
- 1991 *Visiting Scholar Award, Nippon Medical School Scholarship*, Nippon Medical School, Tokyo, Japan
- 1989 *Visiting Scholar Award, Fukui Medical School Scholarship*, Fukui Medical School, Fukui, Japan

ROYAL DECORATIONS OF THAILAND

- 2017 Knight Grand Cordon (Special Class) of the Most Noble Order of the Crown of Thailand
เครื่องราชอิสริยาภรณ์อันมีเกียรติยศยิ่งมงกุฎไทย ชั้นมหาวชิรมงกุฎ (ม.ว.ม.)
- 2013 Knight Grand Cross (First Class) of the Most Exalted Order of the White Elephant
เครื่องราชอิสริยาภรณ์อันเป็นที่เชิดชูยิ่งช้างเผือก ชั้นประถมาภรณ์ช้างเผือก (ป.ช.)
- 2010 Knight Grand Cross (First Class) of the Most Noble Order of the Crown of Thailand
เครื่องราชอิสริยาภรณ์อันมีเกียรติยศยิ่งมงกุฎไทย ชั้นประถมาภรณ์มงกุฎไทย (ป.ม.)
- 2009 Knight Commander (Second Class) of The Most Exalted Order of the White Elephant
เครื่องราชอิสริยาภรณ์อันเป็นที่เชิดชูยิ่งช้างเผือก ชั้นทวีติยาภรณ์ช้างเผือก (ท.ช.)
- 2005 Knight Commander (Second Class) of The Most Noble Order of the Crown of Thailand
เครื่องราชอิสริยาภรณ์อันมีเกียรติยศยิ่งมงกุฎไทยชั้นทวีติยาภรณ์มงกุฎไทย (ท.ม.)
- 1999 Commander (Third Class) of The Most Exalted Order of the White Elephant
เครื่องราชอิสริยาภรณ์อันเป็นที่เชิดชูยิ่งช้างเผือก ชั้นตริตาภรณ์ช้างเผือก (ต.ช.)
- 1997 Commander (Third Class) of The Most Noble Order of the Crown of Thailand
เครื่องราชอิสริยาภรณ์อันมีเกียรติยศยิ่งมงกุฎไทย ชั้นตริตาภรณ์มงกุฎไทย (ต.ม.)

PATENTS

USA

- 2001 **Chattipakorn N, KenKnight BH, Ideker RE.** *Method and Apparatus for Rapidly Predicting Outcome of Arrhythmia Therapy.* Patent No. 6,246,908

Thailand (Filing Date)

- July 6, 2018 **Chattipakorn N, Chattipakorn SC, Chaiyasut C.** *Formula for lactobasillus paracaseii (HII01) powder for instant drink.*

- December 8, 2016 **Chattipakorn N**, Chattipakorn SC, Kasinrerk W.
Immunochromatographic kits for detecting fibroblast growth factor-21 with insulin to detect a condition prior to insulin resistance.
- July 10, 2015 **Chattipakorn N**, Chattipakorn SC. *Methods to improve mitochondrial function efficacy.*

PROFESSIONAL LICENSE

1992-Present M.D. (Thailand)

ORGANIZATIONS AND PARTICIPATION

- 1993-Present Thai Medical Council
- 1997-Present American Physiological Society
- 1998-Present American Heart Association, Basic Science Council
- 1998-Present Cardiac Electrophysiology Society
- 2001-Present American College of Cardiology
- 2004-Present Thai Physiological Society
- 2004-Present The Medical Association of Thailand
- 2012-Present Thai Academy of Science and Technology Foundation
- 2012-Present The Endocrine Society USA
- 2016-Present *Honorary Member of the Science Society of Thailand, The Science Society of Thailand under the Patronage of H.M. the King*
- 2018-Present *Honorary Member, Thai Association for Laboratory Animal Science (TALAS)*
- 2019-Present *Honorary Member of the Heart Association of Thailand under the Royal Patronage of H.M. the King*

PROFESSIONAL ACTIVITIES

Academic Editor

MEDICINE (2018-Present)

Editorial Board

Asian Biomedicine (Research, Reviews and News) (2006-Present)

Heart and Circulation (2018-Present)

ISRN Physiology (2012-Present)

Journal of Arrhythmia (2017-Present)

Journal of Geriatric Cardiology (2011-Present)

Journal of Physiological and Biomedical Sciences (2010-Present)

Journal of Translational Internal Medicine (2014-Present)

Reactive Oxygen Species (2015-2020)

World Journal of Cardiology (2009-Present)

World Journal of Pharmacology (05/2017-12/2019)

Honorary Editorial Board

ChronoPhysiology and Therapy Journal (2010-2018)

Review Editorial Board

Frontier in Physiology - Cardiac Electrophysiology (2011-Present)

Editor-in-Chief

Journal of Physiological and Biomedical Sciences (JPBS) (2008-2010)

Proceeding to the 1st international Neurological and Cardiac Electrophysiology

Symposium (NCES) (2004)

Guest Editor

Oxidative Medicine and Cellular Longevity

Critical reviewer of manuscripts for:

American Journal of Physiology: Heart and Circulatory Physiology

Acta Histochemica

Acta Pharmacologica Sinica

Acta Physiologica

American Heart Journal

American Journal of Cardiovascular Drugs

American Journal of Hematology

Anadolu Kardiyoloji

BBA-Molecular Basis of Disease

Biochimica et Biophysica Acta-Molecular Basis of Disease

Biomedicine and Pharmacotherapy

Bioscience Reports

Blood Cells, Molecules and Diseases

British Journal of Nutrition

Canadian Journal of Cardiology

Canadian Journal of Physiology and Pharmacology

Cardiovascular Diabetology

Cardiovascular Drug and Therapy

Cardiovascular Research

Cardiovascular Therapeutics

Cellular Physiology and Biochemistry

Circulation

Clinical Autonomic Research

Clinical Science

Critical Reviews in Biochemistry and Molecular Biology
Diabetes and Vascular Disease Research
Diabetologia
EBiomedicine
European Journal of Nutrition
European Journal of Pharmacology
Experimental Biology and Medicine
Experimental Hematology
Experimental Physiology
Expert Opinion on Drug Safety
Expert Review of Clinical Pharmacology
Expert Review of Gastroenterology and Hepatology
Expert Review of Hematology
Food Chemistry
Future Medicinal Chemistry
Heart Rhythm
Hemoglobin
International Journal of Cardiology
International Journal of Experimental Pathology
IEEE Transactions on Medical Imaging
ISRN Physiology
Journal of the American College of Cardiology
Journal of the American Heart Association
Journal of Cardiovascular Electrophysiology
Journal of Cardiovascular Medicine
Journal of Cardiovascular Pharmacology and Therapeutics
Journal of Cellular Physiology
Journal of Endocrinology
Journal of Geriatric Cardiology
Journal of Gerontology: Biological Sciences
Journal of Interventional Cardiac Electrophysiology
Journal of Medical Association of Thailand
Journal of Molecular Medicine
Journal of Neurochemistry
Journal of Nutritional Science
Journal of Physiology and Biochemistry
Journal of Pineal Research
Journal of Steroid Biochemistry and Molecular Biology
Life Science

Medical Science Monitor
Metabolism
Molecular and Cellular Endocrinology
Molecular Medicine Reports
Nature Review Endocrinology
Nutrients
Nutrition
Nutrition, Metabolism and Cardiovascular Diseases
Nutritional Research
Oncotarget
Oxidative Medicine and Cellular Longevity
Paediatrics and International Child Health
Pediatric Pulmonology Journal
PLOS ONE
Redox Biology
Regulatory Peptides
Science Asia
Scientific Reports
Theranostics
Tohoku Journal of experimental Medicine
Toxicological Sciences
Transaction in Medical Imaging
World Journal of Cardiology

Executive Committee and Council Member - International

Scientific Advisory Committee of the Prince Mahidol Award (2013-Present)
Asia Pacific Heart Rhythm Society – Basic Research Subcommittees (2015-Present)
Federation of Asian and Oceanian Physiological Societies (FAOPS)(2011-2015)

Executive Committee and Council Member - National

Honorary Member of the Science Society of Thailand, The Science Society of Thailand under the Patronage of H.M. the King, Bangkok, Thailand (2016-Present)
Committee member, The Prince Mahidol Award-Youth Program (2019-Present)
Committee on Professorship Criteria Revision, Ministry of University, Science, Research and Innovation (2019-Present)
Program Chair for the Medical Device Section of the Spearhead Program, (Appointed by the Prime Minister of Thailand) (2018-Present)
Executive Committee, The National Research Council of Thailand (Biomedical Sciences Section), Bangkok, Thailand (2016-Present)
Subcommittee member, Biotechnology in Medicine Section, The National Science and Technology Development Agency, Bangkok, Thailand (2016-2019)

Committee, NSTDA Chair Professor Grant Study Session, The National Science and Technology Development Agency, Bangkok, Thailand (2016-2019)

Thailand Research Fund Royal Golden Jubilee Directorial Committee (2015-2017)

The Physiological Society of Thailand (2005-2011)

Advisory Board on the PhD Program

Faculty of Allied Health Sciences, Naresuan University (2010)

Department of Physiology, Faculty of Sciences, Prince Songklanakkarin University (2011)

Department of Physiology, Faculty of Medicine, Khonkaen University (2016)

Department of Physiology, Faculty of Science, Mahidol University (2016)

Advisory Board on the MSc Program

Department of Physiology, Faculty of Medicine, Khonkaen University (2016)

Selected Academic Appointments

Medical Curriculum Advisory Committee, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand (2003-Present)

Research Advisory Committee, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand (2003-Present)

Graduate School Faculty, Chiang Mai University, Chiang Mai, Thailand (2002-Present)

Founding Committee of Biomedical Engineering Center Program, Chiang Mai University, Thailand (2006-Present)

Executive Committee, Biomedical Engineering Center, Chiang Mai University, Thailand (2008-Present)

Ethic Committee for Animal Care and Use Committee, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand (2011-Present)

Chair, Chiang Mai University Animal Care and Use Committee (CMUACUC), Chiang Mai University, Chiang Mai, Thailand (2017-Present)

Grant Reviewer Board, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand (2010-2014)

Ethic Committee (IRB), Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand (2009-2014)

Chair, Cardiovascular Section for Medical Curriculum, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand (2004-2015)

National and International Committee for Academic Congress

Committee on Biomedical Sciences, The 38th Congress on Science and Technology of Thailand (STT38), Chiang Mai, Thailand (2012)

Committee on Biomedical Sciences, The 39th Congress on Science and Technology of Thailand (STT39), Bangkok, Thailand (2013)

Committee on Biomedical Sciences, The 40th Congress on Science and Technology of Thailand (STT40), Khonkaen, Thailand (2014)

Committee on Biomedical Sciences, The 41st Congress on Science and Technology of Thailand (STT41), Nakorn Rachasima, Thailand (2015)

International Faculty, The 10th CardioRhythm 2017, Hong Kong (24-26 February, 2017)

Scientific Chairperson

The International Symposium on Biomedical Engineering (ISBME 2004), The Rama Garden Hotel, Bangkok, Thailand (November 18, 2004)

The International NeuroCardiac Electrophysiology Symposium (NCES), Chiang Mai, Thailand (March 2004)

Graduate Student Research Meeting, Chiang Mai University Graduate School, Chiang Mai, Thailand (2006)

Thailand Research Fund Annual Scientific Meeting, Cha-am, Thailand (October, 2011)

Royal Golden Jubilee (RGJ)-PhD Congress XIII, Pattaya, Thailand (April 6-8, 2012)

Royal Golden Jubilee (RGJ)-PhD Seminar#89, Chiang Mai, Thailand (August 31, 2012)

The 38th Congress on Science & Technology of Thailand (STT38): Science for the Future of Mankind, Chiang Mai, Thailand (October 17-19, 2012)

The Asian Pacific Society of Cardiology 2013 Congress (APSC 2013), Pattaya, Thailand (February 22-24, 2013)

Thailand Research Fund Annual Scientific Meeting, Pattaya, Thailand (October 24, 2014)

The 13th Asia Pacific Federation of Pharmacologist (APFP) Meeting, Bangkok, Thailand (February 2, 2016)

Royal Golden Jubilee (RGJ)-PhD Congress XVII, Pattaya, Thailand (June 8-11, 2016)

Royal Golden Jubilee (RGJ)-PhD Congress XVIII, Nonthaburi, Thailand (June 8-10, 2017)

Thailand Research Fund Annual Scientific Meeting, Cha-am, Thailand (January 10-12, 2018)

Scientific Award Evaluation Referee/Committee

Thailand Research Fund Young Researcher Award in Health Science 2009

Thailand Research Fund Researcher Award in Health Science 2009

Thailand Research Fund-SCOPUS Young Researcher Award in Health Science 2010-2015

Thailand Research Fund-SCOPUS Researcher Award in Health Science 2010-2015

Mahidol University Award 2010, 2016

Royal Golden Jubilee (RGJ)-PhD Best Research Presentation Award 2012 at Royal Golden Jubilee (RGJ)-PhD Seminar 2012, Chiang Mai, Thailand

Chair, Royal Golden Jubilee (RGJ)-PhD Best Research Oral Presentation Award 2016 at Royal Golden Jubilee (RGJ)-PhD Seminar 2016, Pattaya, Thailand

Chair, Royal Golden Jubilee (RGJ)-PhD Best Research Oral Presentation Award 2017 at Royal Golden Jubilee (RGJ)-PhD Seminar 2017, Nonthaburi, Thailand

National Research Council of Thailand Awards 2016, 2017

Scientific Grant Evaluator (National and International)

New Investigator Grant of the Thailand Research Fund 2008-2018

Research Career Development Grant of Thailand Research Fund 2010-2018

Basic Research Grant of Thailand Research Fund 2011-2018

Chair Professor Grant of NSTDA 2012, 2015, 2017

NSTDA Research Grant 2016

Naresuan University Grant 2012

Payao University Grant 2012

Chiang Mai University Grant 2012

European Science Foundation Grant 2017

Abstract Evaluation Referee/Committee (National and International)

ENDO Scientific Meeting 2015, San Diego, USA

ENDO Scientific Meeting 2016, Boston, USA

ENDO Scientific Meeting 2017, Orlando, USA

ENDO Scientific Meeting 2018, Chicago, USA

ENDO Scientific Meeting 2019, New Orleans, USA

ENDO Scientific Meeting 2020, San Francisco, USA

Keynote/Plenary Speaker at National and International Symposium

From Mice to Men: A Translational Research From the Heart, TRF-RGJ Seminar Series in Medical Science, Sirinart Garden Hotel, Chiang Mai, Thailand (September 2010)

Cardiac Electrophysiology and Biomedical Engineering. Biomedical Engineering International Conference (BMEiCon) 2011, Chiang Mai, Thailand (January 30, 2012)

A (Research) Tale From the Heart. Foundation for the Promotion of Science and Technology, Sukosol Hotel, Bangkok, Thailand (August 17, 2012)

Inspiration for Scientific Research From the Heart. The Annual Meeting of the Foundation of Professor Dr. Tab Neelanithi, Chulalongkorn University, Bangkok, Thailand (August 26, 2012)

A Path to Success in Research Career. The Annual Thailand Research Fund (TRF) Meeting, Petchaburi, Thailand (October 10, 2012)

Fighting Sudden Cardiac Death: A Story From The Heart. The 38th Congress On Science And Technology Of Thailand (STT38), Chiang Mai, Thailand (October 17, 2012)

Scientific Research: An Easy Path to Success. A Plenary Lecture at the meeting to commemorate the 17th Anniversary of School of Allied Health Sciences Establishment, Naresuan University, Phitsanulok, Thailand (November 8, 2012)

A Simple Plan for Success in Research, Annual Walailuk University Research Day, Walailuk University, Nakonrachasima, Thailand (August 2, 2013)

Heart Research at CERT: From Bench to Bedside Perspective. The Annual Royal Golden Jubilee PhD Congress, Pattaya, Thailand (May 30, 2014)

Linkage of Preclinical and Clinical Research, The Medical Science Academic Annual Meeting 2015, Faculty of Medical Science, Naresuan University, Phitsanulok, Thailand (April 30, 2015)

Perspective of Cardiovascular Research at CERT, The 9th Joint Seminar on Biomedical Sciences, The Empress Hotel, Chiang Mai, Thailand (November 4, 2015)

Anti-diabetic drugs, Obesity, and Insulin resistance: The Good, the Bad, and the Ugly in the Heart. The 8th Federation of the Asian and Oceanian Physiological Societies (FAOPS) Congress, Bangkok Convention Center, Bangkok, Thailand (November 24, 2015)

How to be Successful in Research for Young Scientists: A Forum Discussion with Four Thailand Outstanding Scientist Laureates, The Annual Scientific Meeting of the Physiological Society of Thailand, Chiang Mai, Thailand (December 2016)

Non-Communicable Diseases (NCD) in the Era of Thailand 4.0: What to be Managed? The 19th RGJ-PhD Congress: Innovation Challenges Toward Thailand 4.0. Jomtien Palm Beach Hotel and Resort, Pattaya, Chonburi, Thailand (June 9, 2018)

SCIENTIFIC ABSTRACT PARTICIPATION AT INTERNATIONAL MEETINGS

March 2019	9 th Federation of the Asian and Oceanian Physiological Societies (FAOPS) Congress, Kobe, Japan
November 2018	91 st Annual Scientific Session, American Heart Association (AHA), New Orleans, Louisiana, USA
August 2018	Annual Scientific Sessions, European Society of Cardiology (ESC) Congress, Munich, Germany
July 2017	Alzheimer's Association International Conference, London, UK
March 2017	66 th Annual Scientific Sessions, American College of Cardiology (ACC), Washington D.C., USA
March 2016	ENDO 2016: The Endocrine Society's 98th Annual Meeting, Boston, USA
August 2015	Annual Scientific Sessions, European Society of Cardiology (ESC) Congress, London, UK
March 2015	64 th Annual Scientific Sessions, American College of Cardiology (ACC), San Diego, California, USA
June 2014	ENDO 2014: The Endocrine Society's 96 th Annual Meeting, Chicago, USA
March 2014	63 rd Annual Scientific Sessions, American College of Cardiology (ACC), Washington D.C., USA

June 2013	ENDO 2013: The Endocrine Society's 95 th Annual Meeting, San Francisco, USA
March 2013	62 nd Annual Scientific Sessions, American College of Cardiology (ACC), San Francisco, California, USA
March 2012	Frontier in CardioVascular Biology 2012, London, England
November 2011	84 th Annual Scientific Session, American Heart Association (AHA), Orlando, Florida, USA
August 2011	Annual Scientific Sessions, European Society of Cardiology (ESC) Congress, Paris, France
March 2011	75 th Annual Scientific Meeting of the Japanese Circulation Society, Yokohama, Japan
November 2010	83 rd Annual Scientific Session, American Heart Association (AHA), Chicago, Illinois, USA
August 2009	Annual Scientific Sessions, European Society of Cardiology (ESC) Congress, Barcelona, Spain
August 2008	Annual Scientific Sessions, European Society of Cardiology (ESC) Congress, Munich, Germany
March 2008	72 th Annual Scientific Sessions, Japanese Circulation Society, Fukuoka, Japan
September 2007	Annual Scientific Sessions, European Society of Cardiology (ESC) Congress, Vienna, Austria
June 2007	Annual Scientific Sessions, EUROPACE, Lisbon, Portugal
March 2006	70 th Annual Scientific Sessions, Japanese Circulation Society, Nagoya, Japan
March 2005	54 th Annual Scientific Sessions, American College of Cardiology (ACC), Orlando, Florida, USA
May 2002	23 rd North American Society of Pacing and Electrophysiology (NASPE), San Diego, California, USA
March 2002	51 st Annual Scientific Sessions, American College of Cardiology (ACC), Atlanta, Georgia, USA
May 2001	22 nd North American Society of Pacing and Electrophysiology (NASPE), Boston, Massachusetts, USA
March 2001	50 th Annual Scientific Sessions, American College of Cardiology (ACC), Orlando, Florida, USA
November 2000	73 rd Scientific Session, American Heart Association (AHA), New Orleans, Louisiana, USA
May 2000	21 st North American Society of Pacing and Electrophysiology (NASPE), Washington, D.C., USA

March 2000	49 th Annual Scientific Sessions, American College of Cardiology (ACC), Anaheim, California, USA
May 1999	20 th North American Society of Pacing and Electrophysiology (NASPE), Toronto, Canada
November 1998	71 st Scientific Session, American Heart Association (AHA), Dallas, Texas, USA
May 1998	19 th North American Society of Pacing and Electrophysiology (NASPE), San Diego, California, USA
April 1997	Experimental Biology Meeting, New Orleans, Louisiana, USA
March 1997	46 th Annual Scientific Sessions, American College of Cardiology (ACC), Anaheim, California, USA
May 1996	17 th North American Society of Pacing and Electrophysiology (NASPE), Seattle, Washington, USA
September 1995	17 th Annual International Conference of IEEE/EMBS, Montreal, Canada

INVITED LECTURES AT INTERNATIONAL MEETINGS

December 18, 2019	<i>Oxidative stress reduction via life style modification in obesity: Any role for cardioprotection?</i> The 10 th International Conference on Nutrition and Physical Activity in Aging, Obesity and Cancer (NAPA2019), Bangsaen, Thailand
March 28, 2018	<i>Obese-Insulin Resistance and Acute Myocardial Infarction: Role of Cardiac Mitochondrial Alterations.</i> The 95 th Annual Meeting of the Physiological Society of Japan, Takamatsu, Kagawa, Japan
December 12, 2017	<i>Diet-Induced Obesity: A Silent Threat to the Heart!</i> , The 8 th International Conference on Nutrition and Physical Activity (NAPA), The Empress Hotel, Chiang mai, Thailand.
August 4, 2016	<i>Heart Rate Variability Measurement and Intervention in Thalassemia.</i> Thalassemia International Federation Workshop, Bangkok, Thailand
February 2, 2016	<i>Angel and Demon Effects of Antidiabetic Drugs on the Heart in Metabolic Syndrome.</i> The 13 th Asia Pacific Federation of Pharmacologist (APFP) Meeting, Bangkok, Thailand
November 24, 2015	<i>Anti-diabetic drugs, Obesity, and Insulin resistance: The Good, the Bad, and the Ugly in the Heart.</i> The 8 th Federation of the Asian and Oceanian Physiological Societies (FAOPS) Congress, Bangkok Convention Center, Bangkok, Thailand
September 24, 2015	<i>Cardiac Research at CERT: Mitochondria-to-Man Approach.</i> Kanazawa University, Kanazawa, Japan

- September 15, 2014 *Cardiac Research at CERT: From Bench to Bedside Perspective.* Wenzhou Medical University, Wenzhou, China
- January 17, 2014 *English Language Education in Thailand Through Multiple Perspectives,* The 34th Annual Thailand TESOL International Conference, Chiang Mai, Thailand
- February 23, 2013 *Effects of anti-diabetic drugs on cardiac mitochondria in obese insulin resistant heart.* The Asian Pacific Society of Cardiology 2013 Congress (APSC 2013), Pattaya, Thailand
- June 25, 2012 *Effects of Vagus Nerve Stimulation on the Heart During Ischemia-Reperfusion Injury.* The 9th international neuro-cardiac electrophysiology symposium (NCES), Chiang Mai, Thailand
- March 22, 2012 *Heart Rate Variability: A Possible Marker for Early Detection of Cardiac Involvement in Thalassemia.* The Meeting on Oxidative Stress in Congenital and Acquired Hemolytic Anemia, Pattaya, Thailand
- February 5, 2012 *What Cardiologists Should Know About Cellular and Molecular Biology in Heart Failure: Focus on Mitochondria.* The 6th Asian Pacific Congress of Heart Failure, Chiang Mai, Thailand
- January 30, 2012 *(Keynote Speaker) Cardiac Electrophysiology and Biomedical Engineering.* Biomedical Engineering International Conference (BMEiCon) 2011, Chiang Mai, Thailand
- October 27, 2011 *Assessment of Central Pressure and Its Significance.* The 8th Asean Congress for Microcirculation, Bangkok, Thailand
- March 24, 2008 *Non-invasive Central Blood Pressure Measurement in Clinical Practice.* Regional Academic Conference, New Delhi, India
- December 13, 2005 *Electrophysiological Study by Cardiac Tissue Mapping.* The US-Thai Symposium on Biomedical Engineering in Thailand, Chulalongkorn University, Bangkok, Thailand.
- November 18, 2004 *Biomedical Engineering Impact on Cardiac Electrophysiology and Device Therapy.* The International Symposium on Biomedical Engineering (ISBME 2004), The Rama Garden Hotel, Bangkok, Thailand
- March 18, 2004 *Electrophysiologic Mechanism of Ventricular Defibrillation: Current Update.* The 1st International Neurologic and Cardiac Electrophysiology Symposium (NCES), Chiang Mai, Thailand
- June 2003 *Pharmacologic Intervention to Improve Defibrillation Efficacy: A Cardiac Mapping Concept.* Cardiology conference, Division of Cardiology, Angiology and Pneumology, Department of Medicine, Charite' Hospital, University of Berlin, Berlin, Germany

- July 2001 *Update on Defibrillation Mechanisms.* CRML/Guidant Ventricular Arrhythmia Management Research Meeting, University of Alabama at Birmingham, Birmingham, Alabama, USA
- May 2001 *Three-Dimension Cardiac Mapping Of Ventricular Defibrillation.* Physiology seminar series, Department of Physiology and Biophysics, University of Alabama at Birmingham, Birmingham, Alabama, USA
- April 2001 *Origin of the Earliest Activation After VF Induction By Upper Limit Of Vulnerability Shocks: Insight From 3-D Cardiac Mapping.* Division of Cardiovascular Disease Annual Research Meeting, University of Alabama at Birmingham, Birmingham, Alabama, USA
- December 2000 *Cardiac Mapping of Ventricular Defibrillation.* Cardiology conference, Division of Cardiology, Angiology and Pneumology, Department of Medicine, Charite' Hospital, University of Berlin, Berlin, Germany
- October 2000 *Optical Mapping Of Defibrillation.* CRML/Guidant Ventricular Arrhythmia Management Research Meeting, University of Alabama at Birmingham, Birmingham, Alabama, USA
- October 1998 *Ventricular Fibrillation Induction by the Upper Limit of Vulnerability Shocks.* Division of Cardiovascular Disease Annual Meeting, University of Alabama at Birmingham, Birmingham, Alabama, USA
- April 1998 *Influence of Postshock Epicardial Activation Patterns on the Initiation of Ventricular Fibrillation by Shocks Near the Upper Limit of Vulnerability.* Defibrillation Workshop, University of Alabama at Birmingham, Birmingham, Alabama, USA
- May 1997 *The Isoelectric Window After Defibrillation Shocks: Is It Truly Electrically Quiescent?* Workshop on Applied Electrophysiology, Duke University, Durham, North Carolina, USA
- April 1996 *Pure Crystalloid Perfusate: A Possible Viable Alternative in Langendorff-Style Perfused Swine Heart.* Defibrillation Workshop, University of Alabama at Birmingham, Birmingham, Alabama, USA

INVITED LECTURES AT NATIONAL AND REGIONAL MEETINGS

- June 6, 2018 *Pig Models for Medical Device Training.* The 12th TALAS International Conference, Holiday Inn Bangkokj Silom Hotel, Bangkok, Thailand
- June 4, 2018 *Institutional Animal Care and Use Committee (IACUC) Composition and Functions-International Standards.* The Basic Institutional Animal Care and Use Committee Training Enhancing Effective IACUC at International Standard. The TALAS Pre-conference Workshop, Holiday Inn Bangkokj Silom Hotel, Bangkok, Thailand

- May 1, 2018 *Mentoring for New Researchers*. The Thailand Research Fund Meeting in the North, Khum Phucome Hotel, Chiang Mai, Thailand
- November 3, 2017 *Successful Research Networking: How to?* The Research University Network (RUN) Meeting, Holiday Inn Hotel, Chiang Mai, Thailand
- August 26, 2017 *Prevention of NCDs in Ageing Society*. The 25th anniversary of the Thailand Research Fund, Siam Paragon Hall, Bangkok, Thailand
- June 30, 2017 *How to Write a Research Proposal and Get Funded!*, Faculty of Medicine, Khonkaen University, Khonkaen, Thailand
- June 29, 2017 *Tips and Tricks for Writing a Manuscript and Get Published in High-Impact Journal*, Faculty of Veterinary Medicine, Chiang Mai University, Chiang Mai, Thailand
- January 26, 2016 *Sixty Minutes With the Great Researchers*. The Annual Research Meeting of the Department of Ophthalmology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- July 11, 2016 *Manuscript Writing for Health Science Research toward the High Impact Journals*. Faculty of Associated Medical Sciences, Chiang Mai University, Chiang Mai, Thailand
- June 16, 2016 *How to be Successful in Research, The Panel Discussion*. The Thailand Research Fund Regional Meeting, Chiang Mai University, Chiang Mai, Thailand
- April 30, 2015 *Linkage of Preclinical and Clinical Research*. The Medical Science Academic Annual Meeting 2015, Faculty of Medical Science, Naresuan University, Phitsanulok, Thailand
- December 26, 2014 *Cardiac Research at CERT: From Cell to Bedside*. Department of Pharmacology, Faculty of Medicine, Khonkaen University, Khonkaen, Thailand
- August 1, 2014 *Thai University to World-Class University: How To for Thai Researchers*. The 3rd Thailand National Research Universities Summit 2014: Prelude to World Class University, Bangkok Convention Center, Centara Grand at Central World, Bangkok, Thailand
- July 19, 2014 *Obstacle and Challenge in Research Productivity: How To*. Annual Research Meeting, Faculty of Agro-Industry, Chiang Mai University, Chiang Mai University, Chiang Mai, Thailand
- July 8, 2014 *Heart Research at CERT: From Bench to Bedside Perspective*. Annual Research Meeting, Department of Biochemistry, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- May 30, 2014 *Heart Research: From Bench to Bedside Perspective*. The Annual Royal Golden Jubilee-PhD Congress XV 2014, Pattaya, Thailand

- April 24, 2014 *New Channel, New Therapy, New Hope for iron Overload Cardiomyopathy.* The Annual Meeting of the Physiological Society of Thailand, Pattaya, Thailand
- February 5, 2014 *Heart Research at Chiang Mai University: From Bench to Bedside.* The Joint Symposium Between Chiang Mai University and Kanazawa University, Chiang Mai, Thailand
- October 16, 2013 *Research...What...Why...For Whom?* The Annual Thailand Research Fund (TRF) Meeting, Petchaburi, Thailand
- August 2, 2013 *A Simple Plan for Success in Research,* Annual Walailuk University Research Day, Walailuk University, Nakhonrachasima, Thailand
- June 28, 2013 *Writing a Good Research Proposal,* Faculty of Medical Technology, Chiang Mai University, Chiang Mai, Thailand
- May 23, 2013 *Tricks and Tip to Success in Publication.* Annual Research Meeting, Faculty of Medical Technology, Chiang Mai University, Chiang Mai, Thailand
- December 1, 2012 *Why do ICD shocks fail to defibrillate?* Annual Cardiac Electrophysiology Club Meeting, Siam City Hotel, Bangkok, Thailand
- November 8, 2012 *Scientific Research: An Easy Path to Success.* A Plenary Lecture at the meeting to commemorate the 17th Anniversary of School of Allied Health Sciences Establishment, Naresuan University, Phitsanulok, Thailand
- October 17, 2012 *Fighting Sudden Cardiac Death: A Story From the Heart.* A Plenary Lecture at the Annual Meeting of the Science Society of Thailand, Chiang Mai, Thailand
- October 10, 2012 *A Path to Success for Scientific Researchers.* The Thailand Research Fund (TRF) Annual Meeting, Cha-am, Petchaburi, Thailand
- October 3, 2012 *The Heart of Research: An Inspiration.* Nanotechnology Center, Kasetsart University, Bangkok, Thailand.
- September 21, 2012 *On the Way to Become an Outstanding Scientist of Thailand.* The special meeting to commemorate Mahidol Day 2012, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- August 26, 2012 *Inspiration for Scientific Research From the Heart.* The Annual Meeting of the Foundation of Professor Dr. Tab Neelanithi, Chulalongkorn University, Bangkok, Thailand
- April 3, 2012 *Responses to Reviewers: How To?* Annual Research Meeting, Faculty of Medical Technology, Chiang Mai University, Chiang Mai, Thailand
- January 25, 2012 *How to be a Good Mentor.* The Chiang Mai University Graduate School Meeting, Chiang Mai, Thailand
- September 2011 *Cardiac Complication in Thalassemia: Overview and Pathophysiology.* National Thalassemia Meeting, Bangkok, Thailand

- July 2011 *Practical Points in Writing a Research Article*. Faculty of Pharmacy, Chiang Mai University, Chiang Mai, Thailand
- July 2011 *How to be Successful in Academic Research*. Department of Orthopedics' Annual Meeting, Faculty of Medicine, Chiang Mai University, Taweechon Botanical Garden and Resort, Chiang Mai, Thailand
- June 2011 *Strategies to be Successful in Academic Research*. Faculty of Dentistry, Chiang Mai University, Chiang Mai, Thailand
- June 2011 *Research Inspiration for Young Investigators*. Faculty of Medical Technology, Chiang Mai University, Chiang Mai, Thailand
- March 2011 *Roles of Good Mentor for Graduate Students (How to successfully coach your graduate students)*. Faculty of Veterinary Medicine, Chiang Mai University, Chiang Mai, Thailand
- January 2011 *Why Literature Review*. The 8th Research Clinic in Ophthalmology Meeting, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- September 2010 *(Keynote Speaker) From Mice to Men: A Translational Research From the Heart*, RGJ Seminar Series in Medical Science, Sirinart Garden Hotel, Chiang Mai, Thailand
- September 2010 *Writing the results and discussion and Dealing with the editor's and reviewer's comments*. The Medical Writing Workshop, Alpine Golf Resort, Chiang Mai, Thailand
- July 2010 *Cardiac Research Update*, RGJ Seminar Series in Medical Science, Sirinart Garden Hotel, Chiang Mai, Thailand
- June 2010 *Update in Cardiovascular Research*, Naresuan University, Phitsanulok, Thailand
- May 2010 *Translational Research in Thailand*, The 39th annual meeting of the Physiological Society of Thailand, Pattaya, Thailand
- November 2009 *Defibrillation threshold testing*, the Annual Thai Cardiac Electrophysiology Club Meeting, Bangkok, Thailand
- September 2009 *New Concept in HT Management, Non-invasive Central Blood Pressure Measurement and Its Significance*, the 11th Annual Chiang Mai Cardiology Conference (CMCC), Chiang Mai, Thailand
- October 2008 *Examples of Research Encompassing Both Knowledge Generation and Knowledge Translation*, The Annual Thailand Research Fund Meeting, Cha-Am, Petchburi, Thailand
- April 18, 2008 *Impact of Central Blood Pressure on Hypertension Therapy*. Vachira Phuket Hospital, Phuket, Thailand

- March 7, 2008 *Angiotensin II Effects on Cardiac Physiology and Electrophysiology*. The First Thailand Renin-Angiotensin-Aldosterone Forum, Shangri-La Hotel, Chiang Mai, Thailand
- September 10, 2007 *Literature Review Concept*. Workshop on Scientific Manuscript Writing, Faculty of Dentistry, Chiang Mai University, Chiang Mai, Thailand.
- September 5, 2007 *Types of Scientific Publication and Their Significance*. The Scientific Manuscript Writing Workshop, Faculty of Pharmacy, Chiang Mai University, Chiang Mai, Thailand.
- August 17, 2007 *Effective Central Blood Pressure Lowering Goal in Hypertension: An Evidence-Based Medicine*. The Scientific Meeting at the Faculty of Medicine, Prince Songkla University, Songkla, Thailand.
- July 20, 2007 *Central Arterial Pressure: New Frontier, New technology, and New Interpretation*. A Cellular and Molecular Biology Seminar Series, Chiang Mai University, Chiang Mai, Thailand
- March 23, 2007 *Roles of device therapy and fish oil in the prevention of arrhythmic death*. The 29th Pharmacological and Therapeutic Society of Thailand Meeting, Bangkok, Thailand
- May 4, 2006 *Cardiac Mapping of Sudden Death and Defibrillation*. The 35th annual meeting of the Physiological Society of Thailand, Chiang Mai, Thailand
- November 8, 2005 *Heart Rate Variability Study in Thalassemia*. The annual update in thalassemia meeting. Institute of Science and Technology for Research and Development, Mahidol University, Bangkok, Thailand
- August 19, 2005 *External Defibrillation Concept*. The 18th Annual Meeting of the Thai Association for Medical Instrumentation. Bangkok, Thailand
- August 17, 2005 *Device Therapy in Sudden Cardiac Death: A Medical Grand Round*, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- August 03, 2005 *Anti-arrhythmic Effects of Fish Oil in Sudden Cardiac Death Prevention*. Faculty of Associated Medical Technology, Chiang Mai University, Chiang Mai, Thailand
- July 15, 2005 *Is Fish Oil Truly Anti-arrhythmic?* A Cellular and Molecular Biology Seminar Series, Chiang Mai University, Chiang Mai, Thailand
- February 2, 2005 *Electrocardiogram and Cardiac Arrhythmia*, Faculty of Veterinary Medicine, Chiang Mai University, Chiang Mai, Thailand
- January 20, 2005 *Cardiac Electrophysiology Research: Impact on Device Therapy*. Institute of Science and Technology for Research and Development, Mahidol University, Bangkok, Thailand
- November 24, 2004 *Current Update on External Defibrillation*. A Luncheon Symposium at the Annual Academic Meeting 2004 at the Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

- September 23, 2004 *Biomedical Engineering in Cardiac Electrophysiology*, National Institute of Metrology, Ministry of Science and Technology, Bangkok, Thailand
- September 23, 2004 *Current Update on ICD Defibrillation*, Cardiology Conference, Pramongkutklao Medical Center, Bangkok, Thailand
- July 5, 2004 *Hot Issues in Medicine: Biomedical Engineering in Cardiac Electrophysiology*. Annual Meeting at the Faculty of Medicine, Thammasat University 2004, Bangkok, Thailand.
- June 11, 2004 *The Day After Tomorrow for Ventricular Fibrillation*. A Cellular and Molecular Biology Seminar Series, Chiang Mai University, Chiang Mai, Thailand
- March 19, 2004 *Pharmacological Intervention to Improve Defibrillation Efficacy*. The 26th Pharmacological and Therapeutic Society of Thailand Meeting, Chiang Mai, Thailand
- February 2003 *Defibrillation for Sudden Cardiac Death: From Cell to Bedside*. A Cellular and Molecular Biology Seminar Series, Chiang Mai University, Chiang Mai, Thailand
- July 2002 *Defibrillation Failure After Shocks Delivered By An Implantable Cardioverter Defibrillator: Insight To Improve Defibrillation Efficacy*. Special Physiology Seminar, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
- January 1999 *Basic Mechanism of Ventricular Defibrillation: What is of Real Clinical Importance?* Cardiology Conference, Pramongkutklao Medical Center, Bangkok, Thailand

ACADEMIC ACTIVITIES

Current Graduate Student Dissertation Committee for Ph.D. Program

As a Major Advisor

1. Borwon Wittayachamnankul, M.D. **Major Advisor** (08/2014-Present)
Research area: Medical Science
2. Chayodom Maneechote, BSc (First-class Honor). **Major Advisor** (08/2016-Present)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Receptient
3. Cherry Bohtay, M.D., M.Sc. **Major Advisor** (12/2016-Present)
Research area: Physiology (Cardiac Electrophysiology)
4. Patchareeya Amput, MSc. **Major Advisor** (08/2017-Present)
Research area: Physiology (Cardiac Electrophysiology)
5. Kodchanan Singhanat, BSc (First-class Honor). **Major Advisor** (08/2017-Present)
Research area: Physiology (Cardiac Electrophysiology)

- RGJ Scholarship Receipt
6. Nanthip Prathamsup, BSc (First-class Honor). **Major Advisor** (08/2018-Present)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Receipt
 7. Thawatchai Khuanjing, BSc (First-class Honor). **Major Advisor** (08/2018-Present)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Receipt
 8. Krit Leemasawat, M.D. (First-class Honor). **Major Advisor** (08/2018-Present)
Research area: Medical Science (Cardiology)
 9. Nichanan Osataphan, M.D. (First-class Honor). **Major Advisor** (08/2018-Present)
Research area: Medical Science (Cardiology)
 10. Kiangyada Yakilai, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)
 11. Yin Yixia, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)
 12. Saviga Sethasathien, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)
 13. Jirapong Vongfak, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)
 14. Narueporn Likhitweerawong, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)
 15. Thanika Ketpuek, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)
 16. Pokpong Piriyaikhuntorn, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)
 17. Teerapat Nantsupawat, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)
 18. Arunthip Luechoowong, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)
 19. Nonglak Boonchooduang, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)
 20. Chane Choedampha, M.D. **Major Advisor** (08/2019-Present)
Research area: Medical Science (Cardiology)

As a Co-Advisor

21. Phudit Jatawan, M.D. **Co-Advisor** (08/2014-Present)
Research area: Medical Science
22. Poomarin Surinkaew, M.D. **Co-Advisor** (08/2015-Present)
Research area: Neurophysiology

23. Thitikorn Chunchai, B.Sc. **Co-Advisor** (08/2016-Present)
Research area: Neurophysiology
RGJ Scholarship Receiptient
24. Thazin Shwe M.D., M.Sc, **Co-Advisor** (12/2016-Present)
Research area: Neurophysiology
25. Napatsorn Saiyasit, B.Sc. **Co-Advisor** (08/2016-Present)
Research area: Neurophysiology
RGJ Scholarship Receiptient
26. Prangmalee Leurcharusmee, M.D., **Co-Advisor** (08/2017-Present)
Research area: Medical Sciences
27. Chalida Kingnate, M.D., **Co-Advisor** (08/2017-Present)
Research area: Medical Sciences
28. Benjamin Ongnok, B.Sc. **Co-Advisor** (08/2018-Present)
Research area: Neurophysiology
RGJ Scholarship Receiptient
29. Savitri Vaseenon, DDS. **Co-Advisor** (08/2018-Present)
Research area: Oral Biology, Dentistry
30. Napatsorn Imerb, DDS. **Co-Advisor** (08/2019-Present)
Research area: Oral Biology, Dentistry
31. Luo Suchan, M.D. Co- Advisor (08/2019-Present)
Research area: Neurophysiology
32. Huang Lingling, M.D. **Co- Advisor** (08/2019-Present)
Research area: Neurophysiology
33. Thura Tun Oo, M.D. **Co-Advisor** (08/2019-Present)
Research area: Neurophysiology

Current Graduate Student Thesis Committee for M.Sc. Program

1. Kewarin Jinawong, B.Sc. **Co-Advisor** (08/2017-Present)
Research area: Neurophysiology
2. Phansa Phitthayaphong, B.Sc. **Co-Advisor** (08/2017-Present)
Research area: Neurophysiology
3. Busarin Arunsak, B.Sc. **Co-Advisor** (08/2017-Present)
Research area: Neurophysiology

PhD AND MSc GRADUATES

PhD Graduates:

1. Philip L. Johnson, MD, PhD. Dissertation committee (1998 – 04/2001)

- Research area: Biomedical Engineering
2. Isabelle Banville, PhD. Dissertation committee (1998-03/2002)
Research area: Biomedical Engineering
 3. Frederick G. Evans, PhD. Dissertation committee (1999-10/2002)
Research area: Biomedical Engineering
 4. Chonthida Thephinlap, PhD. Dissertation Committee (2006-2009)
Research area: Biochemistry
 5. Wassana Prachayasakul, PhD. **Co-Advisor** (2008-2011)
Research area: Physiology (Neuroelectrophysiology)
RGJ Scholarship Receiptient
 6. Punate Weerateerangkul, PhD. **Major Advisor** (2008-2012)
Research area: Physiology (Cardiac Electrophysiology)
Ministry of University Affair Scholarship
 7. Siripong Palee, PhD. (*First-rank Honor*), **Major Advisor** (2009-2012, Ministry of University Affair Scholarship)
Research area: Physiology (Cardiac Electrophysiology)
Ministry of University Affair Scholarship
 8. Sirirat Surinkaew, PhD. (*First-rank Honor*), **Major Advisor** (2008-2013)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Receiptient
 9. Sirinart Kumfu, PhD. **Major Advisor** (2009-2013)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Receiptient
 10. Noppamas Pipatpi boon, PhD. (*First-rank Honor*), **Co-Advisor** (2009-2013)
Research area: Physiology (Neuroelectrophysiology)
Ministry of University Affair Scholarship
 11. Jirapas Sripetchwandee, PharmD. (*First-rank Honor*) **Co-Advisor** (2010-2014)
Research area: Physiology (Neuroelectrophysiology)
RGJ Scholarship Receiptient
 12. Sakarat Pramojane, DDS, PhD. **Co-Advisor** (2010-2014)
Research area: Oral Biology
 13. Kroekkiat Chinda, DVM, PhD. (*First-rank Honor*) **Major Advisor** (2010-2014)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Receiptient
 14. Yoswaris Semaming, DVM, PhD. **Co-Advisor**, Department of Pharmacology, Faculty of Medicine, Khonkaen University (07/2013-2014)
Research area: Pharmacology
 15. Orn-uma Yanpanitch, PhD. **Co-Advisor**, Department of Biochemistry, Siriraj Hospital, Mahidol University (2011-2015)

- Research area: Biochemistry
16. Sivaporn Sivasinprasasn, PhD. **Major Advisor** (2012-2015)
Research area: Physiology (Cardiac Electrophysiology)
 17. Nattayaporn Apaijai, PhD. **Major Advisor** (10/2012-2016) (2012-2016)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Recipient
 18. Hiranya Pintana, M.Sc. **Co-Advisor** (10/2012-04/2016) (2012-2016)
Research area: Physiology (Neuroelectrophysiology)
RGJ Scholarship Recipient
 19. Wanpitak Pongkan, D.V.M. (First-rank Honor) **Major Advisor** (2012-2016)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Recipient
 34. Suwakon Wongjaikam, M.Sc. **Major Advisor** (08/2014-09/2017)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Recipient
 35. Savitree Thummasorn, M.Sc. **Major Advisor** (08/2014-10/2017)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Recipient
 36. Piangkwan Sa-nguanmoo, M.Sc. **Co-Advisor** (08/2014-10/2017)
Research area: Physiology (Neuroelectrophysiology)
CMU Scholarship Recipient
 37. Jitjiroj Itichaichareon, DDS., **Co-Advisor** (2014-2017)
Topic: Oral Biology, Dentistry.
 38. Pongpan Tanajak, B.Sc. **Co Advisor** (08/2014-02/2018)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Recipient
 39. Warasinee Boonprasert, M.Sc. **Co-Advisor** (11/2014-2018)
Research area: Physical Therapy
 40. Keerati Wanchai, M.Sc. **Co-Advisor** (08/2015-2018)
Research area: Renal Physiology
 41. Jitjiroj Ittichaichareon, D.D.S., M.Sc. **Co-Advisor** (08/2014-2018)
Research area: Oral Biology
 42. Anongporn Kobroob, M.Sc. **Co-Advisor** (08/2015-2018)
Research area: Renal Physiology
 43. Krit Jaikumkao, M.Sc. **Co-Advisor** (08/2015-Present)
Research area: Renal Physiology
 44. Jutamas Khumseekaew, B.Sc. (First-class Honor) **Major Advisor** (08/2014-2018)
Research area: Physiology (Cardiac Electrophysiology)
RGJ Scholarship Recipient

45. Sintip Pattanakuhar, M.D. **Co-Advisor** (08/2014-05/2019)
Research area: Medical Science
46. Passakorn Sawaddiruk, M.D. **Co-Advisor** (08/2014-Present)
Research area: Medical Science
47. Sathima Eaimworawuthikul D.D.S., M.Sc. **Co-Advisor** (08/2015-Present)
Research area: Oral Biology (Neuroelectrophysiology)

M.Sc. Graduates:

1. Anucha Pongpanparadorn, MSc. **Co-Advisor** (2004-03/2006)
Research area: Physiology (Neuroelectrophysiology)
2. Warasinee Boonprasert, MSc. **Co-Advisor** (2006-2008)
Research area: Physiology
3. Sivaporn Sivasinprasasn, MSc. **Major Advisor** (2007-10/2008)
Research area: Physiology (Cardiac Electrophysiology)
4. Savitree Thommasorn, MSc. **Major Advisor** (2009-08/2010)
Research area: Physiology (Cardiac Electrophysiology)
5. Amornrat Suwanchai, DDS, MSc. **Co-Advisor** (2010-10/2011)
Research area: Pediatric Dentistry
6. Anongporn Kobroob, MSc. **Co-Advisor** (2010-02/2012)
Research area: Physiology
7. Nattayaporn Apaijai, MSc. **Major Advisor** (2010-03/2012)
Research area: Physiology (Cardiac Electrophysiology)
8. Hiranya Pintana, MSc. **Co-Advisor** (2010-03/2012)
Research area: Physiology (Neuroelectrophysiology)
9. Punawitch Lertteerawat, MSc. **Co-Advisor** (2010-2012)
Research area: Physiology (Neuroelectrophysiology)
10. Luerat Supakul, MSc. **Major Advisor** (2010-2013)
Research area: Physiology (Cardiac Electrophysiology)
11. Piangkwan Sa-nguanmoo, MSc. **Co-Advisor** (2012-2014)
Research area: Physiology (Neuroelectrophysiology)
12. Kittiya Tunsiri, M.Eng. **Major Advisor** (2011-2014)
Research area: Biomedical Engineering (Cardiac Electrophysiology)
13. Tharnwimol Inthachai, MSc. **Major Advisor** (2013-2014)
Research area: Physiology (Cardiac Electrophysiology)
14. Titikorn Chunchai, MSc. **Co-Advisor** (2014-2015)
Research area: Physiology (Neuroelectrophysiology)
15. Bencharunan Samniang, MSc. **Major Advisor** (2014-2015)
Research area: Physiology (Cardiac Electrophysiology)
16. Wannipa Tunapong, B.Sc. **Major Advisor** (08/2015-09/2016)

- Research area: Physiology (Cardiac Electrophysiology)
17. Laongdow Thongnak, B.Sc. **Co-Advisor** (08/2015-2016)
Research area: Renal Physiology
 18. Wissuta Sutham, B.Sc. **Co-Advisor** (02/2016-12/2017)
Research area: Muscular Physiology
 19. Wanitchaya Minta, B.Sc. **Co-Advisor** (02/2016-12/2017)
Research area: Cardiac Physiology
 20. Duangkamol Mantor, B.Sc. **Co-Advisor** (02/2016-12/2017)
Research area: Neurophysiology
 21. Watthana Nuntaphum, B.Sc. **Co-Advisor** (02/2016-11/2017)
Research area: Cardiac Physiology
 22. Chutikorn Khuankaew, DDS. **Co-Advisor** (08/2016-12/2017)
Topic: Oral Medicine, Dentistry
 23. Natticha Sunneang, B.Sc. **Co-Advisor** (08/2016-2018)
Research area: Cardiac Physiology
 24. Apiwan Arinno, B.Sc. **Co-Advisor** (08/2016-2018)
Research area: Cardiac Physiology
 25. Puntarik Keawtep, B.Sc. **Co-Advisor** (08/2016-2018)
Research area: Neurophysiology
 26. Montree Wutthi-in, M.Sc. **Co-Advisor** (2017-05/2019)
School of Bioresources and Technology and School of Information Technology
King Mongkut's University of Technology Thonburi
Research area: Bioinformatics and Systems Biology

Mentor for Post-Doctoral Fellows

1. Sarawut Kumphune, PhD (2013)
2. Kyle Lopin, PhD (2015)
3. Nattayaporn Apaijai, PhD (2016)
4. Siripong Palee, PhD (2016)
5. Sarayut Lahnwong, MD, PhD (2018-2019)
6. Juthipong Benjanuwattra, MD (2019-2020)

Advisor for International Undergraduate Student Program

1. Ms. Aimee Cole, University of Manchester, UK (September 2014-June 2015)
2. Ms. Ciceley Procter, University of Manchester, UK (September 2015-June 2016)
3. Ms. Maria Love, University of Manchester, UK (September 2016-June 2017)
4. Mr. Christian McSweeney, University of Manchester, UK (September 2017-June 2018)
5. Ms. Dalila (Monica) Moisescu, University of Manchester, UK (September 2017-June 2018)
6. Mr. Louis Higgins, University of Manchester, UK (September 2018-June 2019)

7. Mr. Tom Leech, University of Manchester, UK (September 2018-June 2019)
8. Ms. Aysha Patel, University of Manchester, UK (September 2019-June 2020)

Advisor for International Undergraduate Student Intern Program

1. Mr. Dillon Prus (Pre-Med Student, Arts in History, Clark University, Worcester, MA, USA) (June 13- August 3, 2018)
2. Mr. William Harrison Jones (Pre-Med Student, Medical Biochemistry, The University of Georgia, GA, USA) (June 18-22, 2018)
3. Mr. Benjarong Curtz (Pre-Med Student, Biochemistry, Messiah College, PA, USA) (January 16-31, 2019)
4. Mr. Dillon Prus (Pre-Med Student, Arts in History, Clark University, Worcester, MA, USA) (June - August, 2019)

Research Advisor for Cardiology Fellows and Internal Medicine Residents

1. Wannakorn Pattarajaree, MD. Main research advisor for cardiology fellow (2005-2006)
Topic: *Effects of curcuminoid extracts on ventricular remodeling in acute myocardial infarction patients.* (First Prize Winner in National Cardiology Fellow Research Competition 2005)
2. Supadej Sudjaritruk, MD. Main research advisor for cardiology fellow (2006-2007)
Topic: *Plasma profiles of matrix metalloproteinases-2 and -9 in acute myocardial infarction patients.* (First Prize Winner in National Cardiology Fellow Research Competition 2006.)
3. Phitsanu Boonprasert, MD. Main research advisor for cardiology fellow (2007-2008)
Topic: *Plasma profiles of urocortin in heart failure patients.* (Second Prize Winner in National Cardiology Fellow Research Competition 2007)
4. Vichai Senthong, MD. Main research advisor for cardiology fellow (2008-2009)
Topic: *Effects of beta blockers on clinical outcomes and central aortic pressure in patients with chronic heart failure.* (First Prize Winner in National Cardiology Fellow Research Competition 2008)
5. Chatchawin Cheunsomboon, MD. Research advisor for resident in internal medicine (2008-2009)
Topic: *Heart rate variability and low-density lipoprotein cholesterol (LDL-C) level in type 2 diabetes mellitus patients.*
6. Kolakrit Kheanprasit, MD. Co- research advisor for cardiology fellow (2009-2010)
Topic: *Autonomic dysfunction in HIV-infected patients.*
7. Chanachai Jantarakid, MD. Research advisor for resident in internal medicine (2010-2011)
Topic: *Relationship between arterial stiffness and cardiac autonomic neuropathy in type-2 diabetes mellitus patients.*
8. Usana Nantisap, MD. Research advisor for resident in internal medicine (2011-2012)
Topic: *Glycemic variability and cardiac autonomic dysfunction in type 2 diabetes.*

Mentor for Medical Interns

1. Krekwit Shinlapawittayatorn, M.D. (2004-2006)
2. Tanat Incharoen, M.D. (2005-2007)
3. Chamnan Junnuan, M.D. (2005-2006)
4. Natnicha Kanlop, M.D. (2006-2007)
5. Wasarut Rutjanaprom, M.D. (2007-2008)
6. Piyapong Khumrin, M.D. (2008-2009)
7. Chontida Yarana, M.D. (2010-2011)
8. Karn Wicharnpreecha, M.D. (2013-2015)
9. Natthapat Siri-Angkul, M.D. (2017-2018)
10. Sirawit Sriwichaiin, M.D. (2018-2020)

Mentor for Post-Graduate Research Assistants

1. Phatcharin Luangcharoenkul, B.S. (Medical Technology) (2006-2007)
2. Petnoi Petsophonakul, B.S. (Medical Technology) (2007-2009)
3. Phatthariya Kerdphoo, B.S. (Medical Technology) (2009-2010)
4. Jirarut Jonmalung, M.Sc. (Medical Technology) (2009-2010)
5. Rawissara Chaimahawan, M.Sc. (Medical Technology/Forensic Science) (2010)
6. Jantira Sanit, M.Sc. (Forensic Science) (2010-2014)
7. Apichet Chaipoon, B.Sc. (Medical Technology) (2011)
8. Nattayaporn Apaijai, M.Sc. (Physiology) (2012)
9. Hiranya Pintana, M.Sc. (Physiology) (2012)
10. Thidarat Jaiwongkam, B.Sc. (Medical Technology) (2014-Present)
11. Sasiwan Kerdphoo, M.Sc. (Medical Technology) (2015-Present)

Mentor for the Thailand Research Fund Grant for New Researchers

- | | |
|-----------|---|
| 2006-2008 | Narissara Lailerd, PhD (Faculty of Medicine, Chiang Mai University)
Orawan Prasartwoot, PhD (Faculty of Medical Technology, Chiang Mai University) |
| 2008-2010 | Suchaya Silvilairat, MD (Faculty of Medicine, Chiang Mai University) |
| 2009-2011 | Arintaya Phrommintikul, MD (Faculty of Medicine, Chiang Mai University)
Suwit Saekow, PhD (Faculty of Medical Technology, Chiang Mai University) |
| 2010-2012 | Wanwarang Wongcharoen, MD (Faculty of Medicine, Chiang Mai University) |
| 2011-2013 | Sarawut Kumphune, PhD (Faculty of Allied Health Sciences, Naresuan University)
Mattabhorn Phornphutkul, MD, PhD (Faculty of Medicine, Chiang Mai University) |
| 2012-2014 | Krekwit Shinlapawittayatorn, MD, PhD (Faculty of Medicine, Chiang Mai University) |

	Supachoke Mangmool, BPharm, PhD (Faculty of Pharmacy, Mahidol University)
2013-2015	Suree Lekawanvijit, MD, PhD (Faculty of Medicine, Chiang Mai University) Punate Weerateerangkul, PhD (Faculty of Medicine, Chiang Mai University)
2014-2016	Sirinart Kumfu, PhD (Faculty of Medicine, Chiang Mai University) Siripong Palee, PhD (Faculty of Medicine, Mae FahLuang University)
2016-2018	Sirinart Kumfu, PhD (Faculty of Medicine, Chiang Mai University) Siripong Palee, PhD (Faculty of Medicine, Chiang Mai University)
2017-2019	Nattayaporn Apaijai, PhD (Faculty of Medicine, Chiang Mai University)
2017-2019	Sivaporn Sivasinprasasn, PhD (Faculty of Medicine, Mae Fah Luang University)
2018-2020	Sirinart Kumfu, PhD (Faculty of Medicine, Chiang Mai University) Warisara Parichatikanond, Dr. scient. med. (Faculty of Pharmacy, Mahidol University)
2019-2021	Nattayaporn Apaijai, PhD (Faculty of Medicine, Chiang Mai University) Sarayut Lahnwong, MD, PhD (Faculty of Medicine, Khonkaen University) Sintip Pattanakuhar, MD (Faculty of Medicine, Chiang Mai University) Chanisa Thonusin, MD, PhD (Faculty of Medicine, Chiang Mai University) Wanpitak Pongkan, DVM, PhD (Faculty of Medicine, Chiang Mai University)

Mentor for Recipients of International Scientific Research Awards

2012	International Travel Grant Award, Frontiers in CardioVascular Biology 2012 Meeting, London, England (Kroekkiat Chinda, DVM)
2014	Young Investigator Award (Second Place), the American College of Cardiology Annual Scientific Meeting 2014, San Francisco, California, USA (Krekwit Shinlapawittayatorn, MD, PhD)
2014	Helmsley Charitable Trust Abstract Awards in Type 1 Diabetes, The ENDO 2014 Annual Meeting, Chicago, USA (Yoswaris Semaming, DVM)
2015	Young Scientist Award for Oral Scientific Presentation from the Federation of the Asian and Oceanian Physiological Societies (FAOPS), 8 th FAOPS Congress, Bangkok, Thailand (Nattayaporn Apaijai, MSc)
2015	Young Scientist Award for Oral Scientific Presentation from the Federation of the Asian and Oceanian Physiological Societies (FAOPS), 8 th FAOPS Congress, Bangkok, Thailand (Jirapas Sripetchwandee, PharmD, PhD)
2015	Young Scientist Award for Oral Scientific Presentation from the Federation of the Asian and Oceanian Physiological Societies (FAOPS), 8 th FAOPS Congress, Bangkok, Thailand (Juthamas Khamsekaew, BSc)
2015	Young Scientist Award for Oral Scientific Presentation from the Federation of the Asian and Oceanian Physiological Societies (FAOPS), 8 th FAOPS Congress, Bangkok, Thailand (Pongpan Tanajak, BSc)

- 2015 Young Scientist Award for Oral Scientific Presentation from the Federation of the Asian and Oceanian Physiological Societies (FAOPS), 8th FAOPS Congress, Bangkok, Thailand (**Savitree Charununtakorn, MSc**)
- 2015 Young Scientist Award for Oral Scientific Presentation from the Federation of the Asian and Oceanian Physiological Societies (FAOPS), 8th FAOPS Congress, Bangkok, Thailand (**Suwakon Wongjaikam, MSc**)
- 2015 Young Scientist Award for Oral Scientific Presentation from the Federation of the Asian and Oceanian Physiological Societies (FAOPS), 8th FAOPS Congress, Bangkok, Thailand (**Titikorn Chunchai, BSc**)
- 2015 Young Scientist Award for Poster Scientific Presentation from the Federation of the Asian and Oceanian Physiological Societies (FAOPS), 8th FAOPS Congress, Bangkok, Thailand (**Piangkwan Sa-nguanmoo, MSc**)
- 2017 ESC Travel Grant Award, the Annual European Society for Cardiology Meeting 2017, Barcelona, Spain (**Pongpan Tanajak**)
- 2018 Travel Grant Award, The Japanese Physiological Society 2018 Meeting, Takamatsu, Japan (**Siripong Palee, PhD**)
- 2018 The 2018 International Early Career Investigator Award, The American Heart Association (AHA) Scientific Meeting, Chicago, IL, USA. (**Siripong Palee, PhD**)
- 2018 Physiological Society of Japan (PSJ) 2018 Travel Grant Award, PSJ Annual Meeting 2018, Takamatsu, Japan (**Siripong Palee, PhD**)
- 2019 Young Scientist Travel Award, The FAOPS 2019 Meeting, Kobe, Japan (**Siripong Palee, PhD**)
- 2019 Young Scientist Travel Award, The FAOPS 2019 Meeting, Kobe, Japan (**Chayodom Maneechote, PhD Candidate**)

Mentor for Recipients of National Scientific Research Awards

- 2005 First Prize Winner in National Cardiology Fellow Research Competition 2005, The Royal College of Cardiology Thailand (**Wannakorn Pattarajaree, MD**)
- 2006 First Prize Winner in National Cardiology Fellow Research Competition 2006, The Royal College of Cardiology Thailand (**Supadej Sudjaritruk, MD**)
- 2007 Second Prize Winner in National Cardiology Fellow Research Competition 2007, The Royal College of Cardiology Thailand (**Phitsanu Boonprasert, MD**)
- 2008 First Prize Winner in National Cardiology Fellow Research Competition 2008, The Royal College of Cardiology Thailand, (**Vichai Senthong, MD**)
- 2010 Best Research Presentation Dithee Chungcharoen Award (PhD Level-Oral) 2010, The Physiological Society of Thailand (**Punate Weerateerangkul, PhD**)
- 2010 Best Research Presentation Ouy Katesingh Award (PhD Level-oral) 2010, The Physiological Society of Thailand (**Wasana Pratchayaskul, PhD**)

- 2010 Best Research Presentation Award (PhD Level-Poster) 2010, The Physiological Society of Thailand (**Sirinart Kumfu, PhD**)
- 2010 Best Research Presentation Award (Master Level-Oral) 2010, The Physiological Society of Thailand (**Savittree Thummasorn, MSc**)
- 2010 Best Research Award from the Thailand Research Fund 2010 Annual Meeting (**Arintaya Phrommintikul, MD**)
- 2012 Best Research Presentation Award in Biomedical Science 2012 (Oral Presentation), The Royal Golden Jubilee Thailand Research Fund (**Wasana Pratchayaskul, PhD**)
- 2012 Best Research Presentation Award in Biomedical Science 2012 (Oral Presentation), The Royal Golden Jubilee Thailand Research Fund (**Sirirat Surinkaew, PhD**)
- 2012 Best Research Presentation Award in Biomedical Science 2012 (Oral Presentation), The Royal Golden Jubilee Thailand Research Fund (**Sirinart Kumfu, PhD**)
- 2012 Excellence in Research Presentation Award 2012 (Oral Presentation), The Asian Graduate Research Day, Chiang Mai, Thailand (**Nattayaporn Apaijai, MSc**)
- 2012 Excellence in Research Presentation Award 2012 (Oral Presentation), The Asian Graduate Research Day, Chiang Mai, Thailand (**Hiranya Pintana, MSc**)
- 2012 Best Research Presentation Award (PhD Level-Oral) 2012, The Physiological Society of Thailand (**Noppamas Pipatpiboon, BSc**)
- 2012 Best Research Presentation Award (PhD Level-Poster) 2012, The Physiological Society of Thailand (**Jirapas Sripetchwandee, PharmD**)
- 2012 Best Research Presentation Award-First Place (PhD Level-Oral) 2012, Royal Golden Jubilee (RGJ)-PhD Seminar, Chiang Mai, Thailand (**Kroekkiat Chinda, DVM**)
- 2012 Best Research Presentation Award-Second Place (PhD Level-Oral) 2012, Royal Golden Jubilee (RGJ)-PhD Seminar, Chiang Mai, Thailand (**Jirapas Sripetchwandee, PharmD**)
- 2012 Best Research Presentation Award-First Place (Pre-clinical Level), 3rd Annual Mahidol Research Day 2012, Faculty of Medicine, Chiang Mai University, Thailand (**Krekwit Shinlapawittayatorn, MD, PhD**)
- 2012 Best Research Presentation Award-Second Place (Pre-clinical Level), 3rd Annual Mahidol Research Day 2012, Faculty of Medicine, Chiang Mai University, Thailand (**Suree Lekawanvijit, MD, PhD**)
- 2012 Best Research Presentation Award-First Place (Clinical Level), 3rd Annual Mahidol Research Day 2012, Faculty of Medicine, Chiang Mai University, Thailand (**Wanwarang Wongcharoen, MD**)

- 2012 Best Research Award from the Thailand Research Fund 2012 Annual Meeting
(**Wanwarang Wongcharoen, MD**)
- 2013 Best Research Award from the Thailand Research Fund 2013 Annual Meeting
(**Sarawut Kumphune, PhD**)
- 2013 Best PhD Thesis Award 2013 from Chiang Mai University (**Sirinart Kumfu, PhD**)
- 2014 Best Research Presentation Award (PhD Level-Poster, Second Place) 2014, The Physiological Society of Thailand (**Sivaporn Sivasinprasasn, MSc**)
- 2014 Outstanding PhD Research Project at the RGJ-Ph.D. Congress XV 2014, Pattaya, Thailand (**Kroekkiat Chinda, DVM**)
- 2014 Best Research Presentation Award (Oral), the Annual RGJ-Ph.D. Congress XV 2014, Pattaya, Thailand (**Kroekkiat Chinda, DVM**)
- 2014 Best Research Presentation Award (Poster), the Annual RGJ-Ph.D. Congress XV 2014, Pattaya, Thailand (**Jirapas Sripetchwandee, PharmD, PhD**)
- 2014 Best Research Award from the Thailand Research Fund 2014 Annual Meeting
(**Krekwit Shinlapawittayatorn, MD, PhD**)
- 2014 Best PhD Thesis Award 2014 from Chiang Mai University (**Sakarat Pramotjanee, DDS, PhD**)
- 2014 Best PhD Student in Academic Research of Chiang Mai University for the year 2014 (**Nattayaporn Apaijai, MSc**)
- 2016 Best PhD Thesis Award 2016 from Chiang Mai University (**Kroekkiat Chinda, DVM, PhD**)
- 2016 Best MSc Thesis Award 2016 from Chiang Mai University (**Tharnwimol Inthachai, MSc**)
- 2016 Best Research Presentation Award (Oral), the Annual RGJ-Ph.D. Congress XVII 2016, Pattaya, Thailand (**Nattayaporn Apaijai, PhD**)
- 2016 Prince Mahidol Youth Award for Medical Intern, Prince Mahidol Foundation
(**Natthaphat Siri-Angkul** from Faculty of Medicine, Chiang Mai University)
- 2017 National Selected Participant for Global Young Scientists Summit 2561
(**Sirinart Kumfu, PhD**)
- 2017 Best Research Award from the Thailand Research Fund 2017 Annual Meeting
(**Sirinart Kumfu, PhD**)
- 2017 Best Research Presentation Award (Oral), the Annual RGJ-Ph.D. Congress XVIII 2017, Nonthaburi, Thailand (**Wanpitak Pongkan, DVM, PhD**)
- 2017 Best PhD Thesis Award 2017 from Chiang Mai University (**Wanpitak Pongkan, DVM, PhD**)
- 2017 TRF-OHEC-SCOPUS Young Researcher Award in Health Science, the Thailand Research Fund 2017 Annual Meeting (**Dr. Krekwit Shinlapawittayatorn, MD, PhD**)

- 2018 Best Research Award from the Thailand Research Fund 2018 Annual Meeting (**Sirinart Kumfu, PhD**)
- 2018 Best Research Award from the Thailand Research Fund 2018 Annual Meeting (**Siripong Palee, PhD**)
- 2018 Best National PhD Thesis Award in Biomedical Sciences 2018, the National Research Council of Thailand (**Nattayaporn Apaijai, PhD with Prof. Dr. Nipon Chattipakorn as Major Advisor**)
- 2018 Best Research Presentation Award (Oral), the Annual RGJ-Ph.D. Congress XXIV 2018, Pattaya, Thailand (**Pongpan Tanajak, PhD**)
- 2018 Best Research Presentation Award (Oral), the Annual RGJ-Ph.D. Congress XXIV 2018, Pattaya, Thailand (**Suwakon Wongjaikam, PhD**)
- 2019 Best PhD Thesis Award 2016 from Chiang Mai University (**Piangkwan Sanguanmoo, PhD**)
- 2019 National Selected Participant for Global Young Scientists Summit (GYSS) 2562 (**Nattayaporn Apaijai, PhD**)
- 2019 Best National PhD Thesis Award in Biomedical Sciences 2019, the National Research Council of Thailand (**Wanpitak Pongkan, PhD with Prof. Dr. Nipon Chattipakorn as Major Advisor**)
- 2019 TRF-OHEC-SCOPUS Young Researcher Award in Health Science, the Thailand Research Fund 2019 Annual Meeting (**Sirinart Kumfu, PhD**)
- 2019 Best Research Award from the Thailand Research Fund 2019 Annual Meeting (**Nattayaporn Apaijai, PhD**)
- 2019 Best Research Award from the Thailand Research Fund 2019 Annual Meeting (**Jirapas Sripetchwandee, PhD**)
- 2019 Best Poster Presentation Award from the Pharmacology and Therapeutic Society of Thailand 41st Annual Meeting, Chiang Mai, Thailand (**Warisara Parichatikanond, PhD**)
- 2019 Best RGJ Research Project of the Year Being Selected by the Royal Golden Jubilee PhD Program, TSRI Congress August 8-9, 2019, Bangkok, Thailand (**Chayodom Maneechote, PhD Candidate**)

PEER REVIEWED ARTICLES

1. Bo-Htay C, Shwe T, Higgins L, Palee S, Shinlapawittayatorn K, Chattipakorn SC, **Chattipakorn N**. Aging induced by D-galactose aggravates cardiac dysfunction via exacerbating mitochondrial dysfunction in obese-insulin resistant rats. *Geroscience* 2020;42:233–249 (Impact Factor = 6.444)
2. Khuanjing T, Palee S, Chattipakorn SC, **Chattipakorn N**. The effects of acetylcholinesterase inhibitors on the heart in acute myocardial infarction and heart

- failure: From cells to patient reports. *Acta Physiol (Oxf)*. 2020;8:e13396. (Impact Factor = 5.868) Q1
3. Ongnok B, **Chattipakorn N**, Chattipakorn SC. Doxorubicin and cisplatin induced cognitive impairment: the possible mechanisms and interventions. *Exp Neurol* 2020;324:113118. (Impact Factor = 4.56)
 4. Jantrapirom S, Nimlamool W, **Chattipakorn N**, Chattipakorn S, Temviriyankul P, Inthachai W, Govitrapong P, Potikanond S. Liraglutide suppresses tau hyperphosphorylation, amyloid beta accumulation through regulating neuronal insulin signaling and bace-1 activity. *Int J Mol Sci* 2020;21:1725. (Impact Factor = 2.333)
 5. Vaseenon S, **Chattipakorn N**, Chattipakorn SC. The possible role of basic fibroblast growth factor in dental pulp. *Arch Oral Biol* 2020;109:104574. (Impact Factor = 1.663) Q2
 6. Saiyasit N, Chunchai T, Prus D, Suparan K, Pittayapong P, Apaijai N, Pratchayasakul W, Sripetchwandee J, **Chattipakorn N**, Chattipakorn SC. Gut dysbiosis initiates brain dysfunction and cognitive decline in high fat-diet induced obese rats. *Nutrition* 2020;69:110576. (Impact Factor = 3.591)
 7. Sumneang N, Siri-Angkul N, Kumfu S, Chattipakorn SC, **Chattipakorn N**. The effects of iron overload on mitochondrial function, mitochondrial dynamics, and ferroptosis in cardiomyocytes. *Arch Biochem Biophys* 2020;680:108241. (Impact Factor = 3.55)
 8. Prathumsap N, Shinlapawittayatorn K, Chattipakorn SC, **Chattipakorn N**. Effects of doxorubicin on the heart: from molecular mechanisms to intervention strategies. *Eur J Pharmacol* 2020;866:172818. (Impact Factor = 3.17)
 9. Benjanuwattra J, Siri-Angkul N, Chattipakorn SC, **Chattipakorn N**. Doxorubicin and its proarrhythmic effects: a comprehensive review of the evidence from experimental and clinical studies. *Pharmacol Res* 2020;151:104542. (Impact Factor = 5.574) Q1
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Professor Dr. Nipon Chattipakorn received his *M.D.* from the Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand, and *Ph.D.* in Physiology and Biophysics from the University of Alabama at Birmingham (UAB), USA, and had his *Postdoctoral Fellow* training in the Division of Cardiovascular Diseases, Department of Medicine, at UAB. He is currently the Director of the Cardiac Electrophysiology Research and Training (CERT) Center, Faculty of Medicine, Chiang Mai University, and also serves as a Professor and a Chair in the Department of Physiology, Faculty of Medicine, Chiang Mai University.

Professor Dr. Nipon Chattipakorn has received many international and national scientific awards including the *ACC/Procter & Gamble Pharmaceuticals Career Development Award* from the American College of Cardiology, *Wyeth-Ayerst Electrophysiology Fellowship Award* from the North American Society of Pacing and Electrophysiology, *Outstanding Visiting Scholar Award* from the University of Alabama at Birmingham, the *Senior Research Scholar Award* from the Thailand Research Fund, and the *Gold Elephant Award for Best Researcher in Medical Science* from the Chiang Mai University. In 2012, he received the highest academic award in Thailand, the *Outstanding Scientist Award*, from the Foundation for Promotion of Science and Technology under the patronage of H.M. the King of Thailand. His research project on cardiac ischemia-reperfusion injury has been awarded as the *TRF Best Research Project of the Year 2012* from the Thailand Research Fund. In 2013, he also received the *Outstanding Academic Professor Award* from the ASAIHL-Thailand, and has been awarded the *Thailand Best Researcher Award in Biomedical Sciences* from the National Research Council of Thailand. In 2014, he received a *NSTDA Research Chair Grant* from the National Science and Technology Development Agency (NSTDA), and has been awarded the *Thailand Best Citizen in Science and Technology* from the office of the Prime Minister of Thailand. In 2017, he received “*The Dushdi Mala Medal in Medicine*” from the King of Thailand. He is currently the author of more than 270 peer-reviewed papers listed in PubMed, and 11 international textbooks in cardiovascular medicine. He has served as the editorial board and reviewer board for many international cardiology and physiology journals. He is also the founder of the *Cardiac Electrophysiology Research and Training (CERT) Center* at the Faculty of Medicine, Chiang Mai University.

Professor Dr. Nipon Chattipakorn’s research interest is in the field of cardiac electrophysiology and pathophysiology of the heart. He has been studying the electrophysiological changes in the normal, obesity, diabetic as well as thalassemic hearts, during ischemia and reperfusion injury and heart failure, using a wide range of study models ranging from cardiac mitochondria, isolated cardiomyocytes, and small and large (human-like) animal models to the bedside level for these pathophysiological studies.



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 ผู้ทรงคุณวุฒิสภาวิจัยแห่งชาติสาขาวิทยาศาสตร์การแพทย์

- สำเร็จการศึกษา แพทยศาสตรบัณฑิต จาก คณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่, ปรินญาเอก สาขา Physiology & Biophysics และ Post-doctoral Cardiology Fellow ในสาขา Cardiac Electrophysiology จาก University of Alabama at Birmingham ประเทศสหรัฐอเมริกา และ ต่อมาได้รับเชิญให้ดำรงตำแหน่งผู้ช่วยศาสตราจารย์ ประจำแผนกโรคหัวใจและหลอดเลือด ที่ Department of Medicine, University of Alabama at Birmingham, USA
- ปัจจุบันเป็น ศาสตราจารย์เชี่ยวชาญพิเศษ (ระดับ 11) ภาควิชาสรีรวิทยา คณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่
- เป็นผู้บุกเบิกและก่อตั้ง ศูนย์วิจัยและฝึกอบรมสาขาโรคทางไฟฟ้าของหัวใจ ให้กับคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่
- ปัจจุบันดำรงตำแหน่ง ผู้อำนวยการศูนย์วิจัยและฝึกอบรมสาขาโรคทางไฟฟ้าของหัวใจ คณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่ และ หัวหน้าภาควิชาสรีรวิทยา คณะแพทยศาสตร์ มหาวิทยาลัย เชียงใหม่
- ได้รับการแต่งตั้งให้เป็น กรรมการสภาวิจัยแห่งชาติสาขาวิทยาศาสตร์การแพทย์ ในปี 2556 จนถึงปัจจุบัน
- ได้รับรางวัลในระดับนานาชาติจำนวนมากในสาขาโรคทางไฟฟ้าของหัวใจ ตัวอย่างเช่น
 - รางวัล Procter & Gamble Pharmaceuticals Career Development Award จาก American College of Cardiology, USA
 - รางวัล Wyeth-Ayerst Electrophysiology Fellowship Award จาก North American Society of Pacing and Electrophysiology, USA
 - รางวัล Young Investigator Award (2nd place) จากทั้ง American College of Cardiology, USA และ จาก North American Society of Pacing and Electrophysiology, USA และ รางวัล *Outstanding Scholar Award* จาก University of Alabama at Birmingham, USA
- เป็นบุคคลแรกที่ได้รับรางวัล “ช้างทองคำ” ในปี พ.ศ. 2549 จากมหาวิทยาลัยเชียงใหม่ในฐานะ นักวิจัยดีเด่น สาขาวิทยาศาสตร์สุขภาพ, และ ในปี พ.ศ. 2551 ได้รับ “เหรียญเชิดชูเกียรติศิษย์เก่าแพทย์เชียงใหม่ที่สร้างชื่อเสียงให้กับสถาบัน”

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- ได้รับเชิญให้เป็น **editorial board** ของวารสารระดับนานาชาติทางด้านโรคหัวใจและหลอดเลือด และเป็นวิทยากรรับเชิญจากทั้งในและต่างประเทศ รวมทั้งได้รับเชิญให้เป็นผู้เขียนบทบรรณาธิการรวมทั้งการตรวจและวิจารณ์บทความก่อนที่จะตีพิมพ์ในวารสารชั้นนำทางโรคหัวใจและหลอดเลือด เช่น **Circulation, Journal of the American College of Cardiology, Heart Rhythm, Cardiovascular Research** และ **Journal of Cardiovascular Electrophysiology**
- มีผลงานตีพิมพ์งานวิจัยเป็นจำนวนมากทั้งในรูปแบบของ **Original article, Editorial Comment** และ **Peer-Review Abstracts** กว่า 300 เรื่อง และเขียน **Book chapter** ให้แก่ **International Textbook** ทางโรคหัวใจมาแล้ว **11 เล่ม**
- เป็นอาจารย์ที่ปรึกษาให้กับนักวิจัยรุ่นใหม่และรุ่นกลางที่ได้รับรางวัลด้านการวิจัย ทั้งในระดับประเทศ และระดับนานาชาติจำนวนมาก