Curriculum Vitae

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

ศาสตราจารย์ (เชี่ยวชาญพิเศษ) ดร. นายแพทย์ นิพนธ์ ฉัตรทิพากร

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Faculty of Medicine, Chiang Mai University,
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Current Position: *Distinguished Professor* of Cardiac Electrophysiology
Faculty of Medicine, Chiang Mai University
Director,
Cardiac Electrophysiology Research and Training Center (CERT),
Faculty of Medicine, Chiang Mai University
Director,
Center of Excellence in Cardiac Electrophysiology Research,
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

2024-2025 *Distinguished Professor* (Level 4, Year 1)
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ขั้นที่ 4 ปีที่ 1-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2023-2024 *Distinguished Professor* (Level 3, Year 3)
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ขั้นที่ 3 ปีที่ 3-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2022-2023 *Distinguished Professor* (Level 3, Year 2)
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ขั้นที่ 3 ปีที่ 2-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2021-2022 *Distinguished Professor* (Level 3, Year 1)
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ขั้นที่ 3 ปีที่ 1-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2020-2021 *Distinguished Professor* (Level 2, Year 3)
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ขั้นที่ 2 ปีที่ 3-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2019-2020 *Distinguished Professor* (Level 2, Year 2)
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ขั้นที่ 2 ปีที่ 2-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2018-2019 *Distinguished Professor* (Level 2, Year 1)
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ขั้นที่ 2 ปีที่ 1-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2017-2018 *Distinguished Professor* (Level 1, Year 3)
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ขั้นที่ 1 ปีที่ 3-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2016-2017 *Distinguished Professor* (Level 1, Year 2)
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ขั้นที่ 1 ปีที่ 2-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2015-2016 *Distinguished Professor* (Level 1, Year 1)
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูง ขั้นที่ 1 ปีที่ 1-แต่งตั้งภายในคณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2012-Present *Distinguished Professor* (ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับ 11),
Department of Physiology, Faculty of Medicine,

Chiang Mai University, Chiang Mai, Thailand

2009-2011 *Professor* (ศาสตราจารย์ ระดับ 10),
Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2005-2008 *Associate Professor*,
Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

1993-2004 *Instructor*,
Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2000-2003 *Research Assistant Professor*,
Division of Cardiovascular Disease, Department of Medicine, School of Medicine, University of Alabama at Birmingham, Birmingham, AL, USA

1992-1994 *Staff Clinician*,
Maharaj Nakorn-Chiang Mai Hospital, Faculty of Medicine,
Chiang Mai University, Chiang Mai, Thailand

PROFESSIONAL ACADEMIC APPOINTMENTS

2005-Present *Director*,
Cardiac Electrophysiology Research and Training Center (CERT)
(ศูนย์วิจัยและฝึกอบรมสาขาโรคทางไฟฟ้าของหัวใจ),
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2013-Present *Director*,
Center of Excellence in Cardiac Electrophysiology Research,
Chiang Mai University, Chiang Mai, Thailand

2021-Present *Honorary Advisor to the Department Chair*,
Department of Physiology, Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand

2003-Present *Head*, Cardiac Electrophysiology Unit, Department of Physiology,
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

PAST APPOINTMENTS

07/2013-07/2021 *Department Chair*,
Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2013-2018 *Research Administration and Management Committee*,

	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

2025	*Outstanding National PhD Thesis Advisor*, National Research Council of Thailand
2024	*Associate Fellow, The Academy of Science*, The Royal Society of Thailand ภาคีสมาชิก สำนักวิทยาศาสตร์ ราชบัณฑิตยสภา วิชาแพทยศาสตร์และทันตแพทยศาสตร์ สาขาวิชาหัวใจและหลอดเลือด สำนักวิทยาศาสตร์ แห่งราชบัณฑิตยสภา
2024	*Distinguished Researcher with Highly Cited Papers During 2019-2023* Annual Honors Convocation, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2024	*Distinguished Professorship Level 4, Year 1* Faculty of Medicine, Chiang Mai University, Thailand (ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูงขั้นที่ 4 ปีที่ 1)
2023	*Outstanding Researcher Award (Science and Technology, and Health Sciences),* Chiang Mai University
2023	*Citation impact during the single calendar year 2023* สาขา Cardiovascular System & Hematology From Stanford University
2023	*World's Top 2% Scientists 2023 - Career-long citation impact.* Stanford University (Ioannidis, John P.A. 2023)
2023	*Faculty with the Highest Number of International Published Articles of the Year 2022 Award*, Annual Honors Convocation, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2022	*Outstanding National PhD Thesis Advisor*, National Research Council of Thailand
2022	*Distinguished Researcher with Highly Cited Papers During 2016-2021.* CMU Research Expo 2022, Chiang Mai University, Chiang Mai, Thailand
2022	*Faculty with the Highest Number of International Published Articles of the Year 2021 Award*, Annual Honors Convocation, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2021	*Faculty with the Highest Number of International Citations of the Year 2020 Award*,

Annual Honors Convocation, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2021 *Faculty with the Highest Number of International Published Articles of the Year 2020 Award*,
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2021 *Distinguished Professorship Level 3, Year 1*
Faculty of Medicine, Chiang Mai University, Thailand
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูงขั้นที่ 3 ปีที่ 1)

2020 *Faculty with the Highest Number of International Published Articles of the Year 2019 Award*,
Annual Honors Convocation, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2020 *Outstanding Teacher of Thailand Award* (อาจารย์ดีเด่นแห่งชาติ ปอมท),
The Council of University Faculty Senate of Thailand (CUFST), Bangkok, Thailand

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 *Thailand Outstanding Research Project of the Year* 2019 (*Excellence Level*),
The National Research Council of Thailand, Bangkok, Thailand

2020 *Distinguished Professorship Level 2, Year 3*
Faculty of Medicine, Chiang Mai University, Thailand
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูงขั้นที่ 2 ปีที่ 3)

2019 *Outstanding CMU Alumi Award 2019 in Academia*,
CMU Annual Honors Convocation, 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 ระดับสูงขั้นที่ 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 Rama X of Thailand

2018 *Distinguished Professorship Level 2, Year 1*
Faculty of Medicine, Chiang Mai University, Thailand
(ศาสตราจารย์เชี่ยวชาญพิเศษ ระดับสูงขั้นที่ 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 ระดับสูงขั้นที่ 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 ระดับสูงขั้นที่ 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 ระดับสูงขั้นที่ 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 จากคณะกรรมการเอกลักษณ์ของชาติ 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 จากสมาคมสถาบันการศึกษาขั้นอุดมศึกษาแห่งภูมิภาคเอเชียตะวันออกเฉียงใต้ ประจำประเทศไทย),

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*
(รางวัลช้างทองคำนักวิจัยดีเด่นสาขาวิทยาศาสตร์การแพทย์),
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)*,
United States Immigration and Naturalization Services, USA

2000 *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 Electrphysiology *(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

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

2021 **Chattipakorn N,** Chattipakorn SC, Chaiyasut C. *Formula for lactobasillus paracaseii (HII01) powder for instant drink.* Thai Petty-Patent #17963.

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

PUBLICATIONS

EDITORIAL COMMENTS

1. Kao Y-H, Chen Y-J, Higa S, **Chattipakorn N**, Santulli G. Transcription factors and arrhythmogenesis. *Front Physiol* 2023;14:1169747. (Impact Factor = 4.755) Q1
2. **Chattipakorn N**. Cardiac ferroptosis: New jigsaw in SCD puzzles. *Blood* 2022;139:811-812. (Impact Factor = 22.113) Q1
3. Phrommintikul A, Chattipakorn SC, **Chattipakorn N**. Exercise and cardioprotection: A "HIP" side of HIPK2 in the heart. *EBioMedicine* 2022;75:103766. (Impact Factor = 8.141) Q1
4. **Chattipakorn N**. Finding serendipity. *Exp Physiol* 2017;102(9):1044-1045. (Impact Factor = 2.912) Q2
5. **Chattipakorn N**, Apaijai N, Chattipakorn SC. Dipeptidyl peptidase-4 inhibitors and the ischemic heart: Additional benefits beyond glycemic control. *Int J Cardiol* 2016;202:415-416. (Impact Factor = 4.036) Q1
6. **Chattipakorn N**. Pre-shock phase singularity and defibrillation outcome: Another piece to solve the jigsaw puzzle? *Heart Rhythm* 2007;4(7):935-937. (Impact Factor = 5.045) Q1
7. **Chattipakorn N,** Ideker RE. The vortex at the left ventricular apex: A new twist to the story of the electrical induction of rotors? *J Cardiovasc Electrophysiol* 2003:14(3);303-305. (Impact Factor 3.475) Q1
8. Ideker RE, **Chattipakorn N**, Gray RA. Defibrillation mechanisms: The parable of the blind men and the elephant? *J Cardiovasc Electrophysiol* 2000;11:1008-1013. (Impact Factor = 3.475) Q1

PEER REVIEWED ARTICLES

1. Kusirisin P, Apaijai N, Noppakun K, Kuanprasert S, Chattipakorn SC, **Chattipakorn N**. Protective effects of melatonin on kidney function against contrast media-induced kidney damage in patients with chronic kidney disease: A prospective, randomized, double-blinded, placebo-controlled trial. *J Pineal Res* 2025;77:e70031. (Impact Factor = 8.3) Q1
2. Klinhom S, Kunasol C, Sriwichaiin S, Kerdphoo S, **Chattipakorn N**, Chattipakorn SC, Thitaram C. Characteristics of gut microbiota profiles in asian elephants (Elephas maximus) with gastrointestinal disorders. *Sci Rep* 2025;15:1327. (Impact Factor = 3.8) Q1
3. Leddy E, Attachaipanich T, **Chattipakorn N**, Chattipakorn SC. Investigating the effect of metformin on chemobrain: reports from cells to bedside. *Exp Neurol* 2025;385:115129. (Impact Factor = 4.6) Q1
4. Sivasinprasasn S, Chattipakorn K, Pratchayasakul W, Chattipakorn SC, **Chattipakorn N**. N-acetylcysteine enhances low-dose estrogen efficacy against ischemia-reperfusion injury in estrogen-deprived obese insulin-resistant rats. *Menopause* 2025;32(1):81-90. (Impact Factor = 2.8) Q1
5. Tangon N, Kumfu S, **Chattipakorn N**, Chattipakorn SC. Links between oropharyngeal microbiota and IgA nephropathy: a paradigm shift from isolated microbe to microbiome. *Microbiol Res* 2025;292:128005. (Impact Factor = 6.1) Q1
6. Kunasol C, **Chattipakorn N**, Chattipakorn SC. Impact of calcineurin inhibitors on gut microbiota: focus on tacrolimus with evidence from in vivo and clinical studies. *Eur J Pharmacol* 2025;987:177176. (Impact Factor = 4.2) Q1
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