
Kai-Chien Yang, M.D., Ph.D.

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National Taiwan University

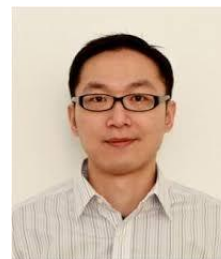
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**Education**

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| 1994-2000 | M.D. National Taiwan University, Taipei, Taiwan |
| 2003-2005 | M.Sc., Medical Sciences, National Taiwan University, Taipei, Taiwan |
| 2007-2012 | Ph.D., Molecular Genetics and Genomics, Division of Biology and Biomedical Sciences, Washington University, St Louis, MO, USA |

Research and Professional Positions Held in Chronological Sequence

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| 2000-2003 | Residency in Internal Medicine. Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan |
| 2003-2005 | Clinical Fellowship in Cardiology. Division of Cardiology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan |
| 2005-2007 | Attending Physician and Lecturer, Division of Cardiology, Department of Internal Medicine, E-Da Hospital, Kaohsiung, Taiwan |
| 2012-2014 | Post-Doctoral Research Associate, Samuel Dudley's lab, Section of Cardiology, Department of Medicine, University of Illinois at Chicago/Brown University |
| 2014-2019 | Assistant Professor, Graduate Institute of Pharmacology, National Taiwan University, Taipei, Taiwan |
| 2014- | Attending Physician, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan |
| 2019-2022 | Associate Professor, Graduate Institute of Pharmacology, National Taiwan University, Taipei, Taiwan |
| 2020 Aug- | Joint Associate Research Fellow, Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan |
| 2021 Aug- | Deputy director, Center for Frontier Medicine, National Taiwan University Hospital |
| 2022 Aug- | Professor, Graduate Institute of Pharmacology, National Taiwan University |

Research Interests

1. Role of long noncoding RNA in Cardiovascular Diseases
2. Pathogenesis and molecular mechanisms of cardiac and organ fibrosis
3. Cardiac inflammation and regeneration

Major Honors and Awards

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| 2007-2009 | Ministry of Education Scholarship for Study Abroad, Taiwan |
| 2009-2011 | Predoctoral Fellowship Award, American Heart Association Midwest Affiliation |

2012	Council on Basic Cardiovascular Sciences Abstract Travel Award, American Heart Association
2013-2014	Postdoctoral Fellowship Award, American Heart Association Midwest Affiliation
2014	Benjamin N. Chiang Outstanding Young Investigator Award in Cardiovascular Medicine Research
2016	First Prize, Award of Basic Science Paper Competition, Taiwan Society of Cardiology
2017	-First Prize, Young Investigator Award of the 47 th Annual Convention & Scientific Session of the Taiwan Society of Cardiology
2019	-Outstanding Biomedical Research Award by Ching-Shin Foundation - Dean Cheng-Yuan Lee Memorial Research Award, NTU School of Medicine - Outstanding Research Award for Junior Faculty, NTU Hospital
2021	Outstanding Research Award, Taiwan Ministry of Science and Technology Wu Ho-Su TBF Medical Award
2022	The 18 th Tien Te Lee Biomedical Awards
2023	Outstanding Research Award, National Taiwan University Hospital
2024	Elected Fellow of European Society of Cardiology (FESC) International Visiting Professorship Award, American Heart Association Outstanding Investigator Award, Taiwan Society of Lipids & Atherosclerosis Taiwan Bio-development Foundation (TBF) Chair Professor Award
2025	Outstanding Research Award, National Science and Technology Council, Taiwan

Selective Recent Representative Publications

- YW Tsai et al and **KC Yang***. N-Cadherin Promotes Cardiac Regeneration by Potentiating Promitotic β -Catenin Signaling in Cardiomyocytes. **Nature Communications** 2025 Jan 21;16(1):896 (**Corresponding author**).
- CT Hung, TH Su, YT Chen, YF Wu, YT Chen, SJ Lin, SL Lin, **KC Yang***. Targeting ER Protein TXNDC5 in Hepatic Stellate Cell Mitigates Liver Fibrosis by Repressing Non-Canonical TGF β Signaling. **Gut** 2022 Sep;71(9):1876-1891. (**Corresponding author**)
- CF Yeh et al and **KC Yang***. Targeting Mechano-sensitive Endothelial TXNDC5 to Stabilize eNOS and Reduce Atherosclerosis in vivo. **Science Advances** 2022 Jan 21; 8(3):eabl8096 (**Co-corresponding author**)
- YT Chen et al and **KC Yang***. Endoplasmic Reticulum Protein TXNDC5 Promotes Renal Fibrosis by Enforcing TGF β Signaling in Kidney Fibroblasts. **Journal of Clinical Investigation** 2021 (Accepted). (**Corresponding author**)
- TH Lee et al and **KC Yang***. Fibroblast-enriched Endoplasmic Reticulum Protein TXNDC5 Promotes Pulmonary Fibrosis by Augmenting TGF β Signaling through TGFBR1 Stabilization. **Nature Communications** 2020 Aug 26; 11(1):4254. (**Corresponding author**).
- YC Shih et al and **KC Yang***. Endoplasmic Reticulum-Resident Protein TXNDC5 Augments Myocardial Fibrosis by Facilitating Extracellular Matrix Protein Folding and Redox-Sensitive Cardiac Fibroblast Activation. **Circulation Research** 2018; 122(8):1052-1068 (**Corresponding author**).