CV

Peeradech Thichanpiang, Ph. D. (Anatomy and Structural Biology)

Nationality: Thai **Date of Birth:** 19 Jun 1980

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Education:

2002: B. Sc. (Occupational Therapy) Chiangmai University, Thailand

2006: M. Sc. (Neurosciences) Mahidol University, Thailand

2011-2012: Visiting Ph. D scholar in Physiology and Pharmacology program University of Bristol, UK

2012: Ph. D in Anatomy and Structural Biology Mahidol University, Thailand

Experiences (Present & Past):

2003-2004: Research Assistant/Occupational Therapist at Department of Occupational Therapy, Faculty of Associated Medical Science, Chiangmai University, Thailand

Studied and developed of Position in space test of visual perception for Mental Retardtion by using computer program

2005-2006: M.Sc. Researcher at Institute of Molecular Bioscience, Mahidol University, Thailand

Explored the antioxidant effects of polyphenol extract in retinal pigment epithelial cell death model

2006-2011: Occupational Therapist at Nonthavej Hospital, Nonthaburi, Thailand

2008-2010: Teaching Assistant in Anatomy dissection, Neuroanatomy for medical students of Ramathibodi's hospital (RA), Bankok Matropolitan Administration Medical College and Vajira Hospital (BM), and Praborommarajchanok Institute (PI).

2011-2012: Visiting PhD Scholar at Microvascular research laboratories (MVRL), University of Bristol, UK

Underwent training in experimental techniques to measure the permeability of microvessels and microvascular endothelium and studied the effects of VEGF isoforms and family members on endothelial and vascular permeability both in vitro and in vivo methodologies.

2013-Present: Pediatric Occupational Therapist at Vichaiyuth Hospital, Bangkok, Thailand

2014-Present: Lecturer at Occupational therapy division, Faculty of Physical Therapy, Mahidol University, Thailand

International School and Training

2007: Associate School of Neuroscience Attendance at Monash University, Sunway Campus, Malaysia [Organizer: I. Parhar].

2009: School of Neuroscience Participant at Indian Institute of Chemical Biology, Kolkata, India [Organizer: K. Mohanakumar]

Awards and Grants

2002: Medal for Excellent Academic Performance in Occupational Therapy from Faculty of Associated Medical Sciences, Chiangmai University, Thailand

2004: Research Assistantship from Faculty of Graduate studies, Mahidol University, Thailand

2006: Travel Grant from International Brain Research Organisation (IBRO)/ Federation of Asian-Oceanian Neuroscience Societies (FAONS) meeting at Hong Kong

2007: Royal Golden Jubilee for Ph D from Thailand Research Fund

2009: Travel Award from International Society of Neurochemistry meeting at Korea

2013: Travel Award from International Society of Neurochemistry meeting at Mexico

Local Publications

Thichanpiang P and Saolom S (2003) Developing of Position in space test of visual perception for Mental Retardtion by using computer program. The Journal of Occupational therapist association of Thailand 8: 1:22-31.

Kaunnil A, Khemthong S, Permpoonputtana K, Sansri V, Suksriwan S, Thichanpiang P, Thanapet U, Tajai S, Chatthong W. Expected learning outcomes in occupational therapy Mahidol University. The Journal of Occupational Association of Thailand. 2016; 21(1).

International Publications

Thichanpiang P, Kornnika K, Kitiyanant Y and Wongprasert K (2009) Green tea polyphenol (—)-Epigallocatechin-3-gallate (EGCG) protects against hydrogen peroxide-induced nuclear translocation of p53 and apoptosis in ARPE-19 cells. Journal of Neurochemistry 110 (s2).

Thichanpiang and Wongprasert K (2013) Effects of Epigallocatechin-3-gallate on TNF-α-induced ICAM-1 expression in human retinal epithelial cells. Journal of Neurochemistry 115 (s1).

Thichanpiang P, Harper SJ, Wongprasert K and Bates DO (2014). TNF-α-induced ICAM-1 expression and monocyte adhesion in human RPE cells is mediated in part through autocrine VEGF stimulation. Molecular Vision 20: 781-789.

Thichanpiang P and Wonprasert K (2015). Green Tea Polyphenol Epigallocatechin-3-Gallate Attenuates TNF-α-Induced Intercellular Adhesion Molecule-1 Expression and Monocyte Adhesion to Retinal Pigment Epithelial Cells. American Journal of Chinese Medicine 43: 1: 103-119.

Local Presentation

Poster Presentation

Thichanpiang P., Wannasilp N., Khanobdee K., Kittiyanant Y., Jutapakdeegul N., Kotchabhakdi N. and Wongprasert K. (2006) Protective effects of Green tea polyphenol (—)-

Epigallocatechin-3-gallate (EGCG) on H_2O_2-induced cell death and nuclear condensation in ARPE-19 cells. Anatomy Meeting, Thailand.

Thichanpiang P., Bates D. O. and Wonprasert K. (2013) Recombinant $VEGF_{165}b$ inhibits TNF-α-induced ICAM-1 expression and monocyte adhesion in primary human retinal pigment epithelial cells. Royal Golden Jubilee-Ph. D. Congress XIV. Chonburi, Thailand.

Karnjana K., Sae-lao T., Thichanpiang P., Rudtanatip T. and Wongprasert K (2014) Antioxidant activity, Total Phenolic and Flavonoid contents of Solvent extracts from Red Seaweed *Gracilaria fisheri*. The 37th Annual Conference of Anatomy association of Thailand. Phitsanulok, Thailand.

International Presentation

Poster Presentation

Wannasilp N., Thichanpiang P., Kitiyanant Y., Khanobdee K., Jutapakdeegul N., Kotchabhakdi N. and Wongprasert K. (2007) The effects of curcumin on H_2O_2-induced cell death in the human retinal pigment epithelial cells. International Brain Research Organization World congress of Neuroscience, Australia.

Thichanpiang P, Kornnika K, Kitiyanant Y and Wongprasert K (2009) Green tea polyphenol (—)-Epigallocatechin-3-gallate (EGCG) protects against hydrogen peroxide-induced nuclear translocation of p53 and apoptosis in ARPE-19 cells. The 22nd Biennial Meeting of the International Society for Neurochemistry, Busan, Korea.

Thichanpiang P., Bates D.O. and Wongprasert K. (2012) $VEGF_{165}b$ Protects Primary Human Retinal Pigment Epithelial Cells from TNF-α Mediated Inhibition of Occludin Expression. The Association for Research in Vision and Opthalmology meeting, Florida, USA.

Thichanpiang P. and Wongprasert K. (2013) Effects of Epigallocatechin-3-gallate on TNF-α-induced ICAM-1 expression in human retinal epithelial cells. The 24th Biennial joint meeting of International Society for Neurochemistry and American Society for Neuroscience, Cancun, Mexico.

Thichanpiang P., Bates D.O. and Wongprasert K. (2013) Recombinant $VEGF_{165}b$ inhibits TNF-α-induced ICAM-1 expression and monocyte adhesion in primary human retinal pigment epithelial cells. The Association for Research in Vision and Opthalmology meeting, Seattle, USA.

Oral presentation

Thichanpiang P, Wannasilp N, Khanobdee K, Kittiyanant Y, Jutapakdeegul N., Kotchabhakdi N and Wongprasert K. (2006) Green tea polyphenol (—)-Epigallocatechin-3-gallate (EGCG) protects H_2O_2-induced cell death and nuclear condensation in ARPE-19 cells. Federation of Asian-Oceanian Neuroscience Societies at University of Hong Kong, Hong Kong.

Research Information

Retinal degeneration in Neurodegenerative diseases and Protective substances

Pediatric occupational therapy

Referees

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