

Pajaree Chariyavilaskul (Lilitkarntakul) MD, MSc, PhD

Contact information

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Education

2010 Doctor of Philosophy (Vascular Biology), University of Edinburgh, Edinburgh, UK

2004 Master of Science (Clinical Pharmacology) with Distinction, University of Glasgow, Glasgow, UK

2001 Medical Doctor with Honours, Chulalongkorn University, Bangkok, Thailand

Work experience

2014 Researcher, Pharmacokinetic Research Unit, Department of Pharmacology, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand
(Current postgraduate students' under supervision: principal advisor of 3 Master students and co-advisor of 3 Master students)

September 2009 to present Lecturer, Department of Pharmacology, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

Director, Pharmacokinetic Center, Clinical Research Center, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

May 2005 – August 2009 Clinical Research Fellow, Clinical Pharmacology Unit and Vascular Biology, Centre for Cardiovascular Science, University of Edinburgh, Edinburgh, UK

April 2002 – September 2003 Lecturer, Department of Pharmacology, Chulalongkorn University, Bangkok, Thailand
General Physician, King Chulalongkorn Memorial Hospital, Bangkok, Thailand

April 2001 – March 2002 Internship, Rayong Provincial Hospital, Rayong, Thailand

Committees

2011 to present Secretary, Clinical Trial Center, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

2012 to present Secretary, Clinical Epidemiology Unit, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

2012 to present Board member, Chula Pharmacokinetic Center, Research Affairs, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

2010 Board member, Postgraduate training, Inter-disciplinary Program in Pharmacology, Chulalongkorn University, Bangkok, Thailand

2009 to present Secretary, Department of Pharmacology, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

Recent Trainings

2014 Standard course in clinical trial, Clinical Trial Center, Faculty of Medicine, Chulalongkorn University, Thailand

2012 ISO/IEC 17025, Faculty of Medicine, Chulalongkorn University, Thailand

2012 GLP, Faculty of Medicine, Chulalongkorn University, Thailand

Awarded

- 2014 The 90th Anniversary of Chulalongkorn University, Rachadapiseksompoch Research Fund, Chulalongkorn University
Project entitled: Effect of low body temperature on pharmacokinetics of propofol
- 2012 The Thailand Research Fund (2 year grants)
Project entitled: Pharmacokinetics, pharmacodynamics and efficacy of enteric-coated mycophenolate sodium in the treatment of relapse or resistant proliferative lupus nephritis
- 2011 National Research Council of Thailand Research Fund (2 years grants)
Project entitled: Arterial stiffness, endothelial dysfunction and cardiovascular biomarkers in acute ischemic stroke: a prospective study
- 2010 Rachadapiseksompoch Research Fund, Faculty of Medicine, Chulalongkorn University
Project entitled: Immunosuppressive therapy in renal transplant recipients: relationships to plasma levels of asymmetric dimethylarginine

Members

The Medical Council, Thailand
Pharmacological and Therapeutic Society of Thailand
Thai Transplantation Society

Languages

Thai (native), English (IELTS 7.5)

Publications

1. Thongliamnak, N., Chariyavilaskul, P., Indrampanya, T., Wittayalertpanya, S., (2014) Effect of low body temperature on pharmacokinetics of propofol. *Proceedings of 36th Pharmacological and Therapeutic Society of Thailand Meeting*.
2. Wittayalertpanya, S., Chariyavilaskul, P., Prompila, N., Sayankuldilok, N., Eiamart, W. (2014) Pharmacokinetics and bioequivalence study of irbesartan tablets after a single oral dose of 300 mg in Thai healthy volunteers. *International Journal of Clinical Pharmacology and Therapeutics* (2014 Apr 14. [Epub ahead of print]).
3. Dhaun, N., Yuzugulen, J., Kimmitt, RA., Wood, EG., Lilitkarntakul, P., MacIntyre, IM., Goddard, J., Webb, DJ., Corder, R. (2013) Plasma proendothelin-1 peptide concentrations rise in CKD and following selective endothelin-A receptor antagonism. *Journal American Society Nephrology* (in press).
4. Kittanamongkolchai, W., Rukrung, C., Supasiri, T., Lertjirachai, I., Somparn, P., Chariyavilaskul, P., Avihingsanon, Y. (2013) Therapeutic Drug Monitoring of Mycophenolate Mofetil for the Treatment of Severely Active Lupus Nephritis. *Lupus* 22(7): 727-32.
5. Phaisal, W., Chariyavilaskul, P., Avihingsanon, Y., Wittayalertpanya, S. (2013) High Performance Liquid Chromatography Assay for a Determination of Inosine Monophosphate Dehydrogenase Activity in Human Peripheral Blood Mononuclear Cells. *Proceedings of 35th Pharmacological and Therapeutic Society of Thailand Meeting*: 81-85.
6. Phaisal, W., Lilitkarntakul, P., Wittayalertpanya, S., Avihingsanon, Y. (2012) High Performance Liquid Chromatography Assay for a Determination of Mycophenolic acid in human plasma. *Thai Journal of Pharmacology* 34: 58 (Abstract).
7. Lilitkarntakul, P., Dhaun, N., Melville, V., Kerr, D., Webb, DJ., Goddard, J. (2012) Risk Factors for Metabolic Syndrome Independently Predict Arterial Stiffness and Endothelial Dysfunction in Patients With Chronic Kidney Disease and Minimal Comorbidity. *Diabetes Care*, 35(8): 1774-80.
8. Lilitkarntakul, P., Dhaun, N., Melville, V., Blackwell, S., Talwar, D.K., Liebman, B., Asai, T., Pollock, J., Goddard, J., Webb, D.J. (2011) Blood pressure and not uraemia is the major determinant of arterial stiffness and endothelial dysfunction in patients with chronic kidney disease and minimal co-morbidity. *Atherosclerosis*, 216: 217-25.

9. Payne, RA., Lilitkarntakul, P., Dhaun, N., Melville, V., Asai, T., Goddard, J., Webb, D.J. (2010). Renal dysfunction does not affect the peripheral-to-central arterial pressure transfer function. *Hypertension*, 56: 1083-8.
10. Dhaun, N., Macintyre, I.M., Melville, V., Lilitkarntakul, P., Johnston, N.R., Goddard, J. & Webb, D.J. (2009). Effect of endothelin receptor antagonism relate to the degree of renin-angiotensin system blockade in chronic proteinuric kidney disease. *Hypertension*, 54: e19-20.
11. Dhaun, N., Lilitkarntakul, P., Macintyre, I. M., Muilwijk, E., Johnston, N. R., Kluth, D. C., Webb, D. J. & Goddard, J. (2009). Urinary endothelin-1 in chronic kidney disease and as a marker of disease activity in lupus nephritis. *Am J Physiol Renal Physiol*, 296: F1477-83.
12. Dhaun, N., Macintyre, I. M., Melville, V., Lilitkarntakul, P., Johnston, N. R., Goddard, J. & Webb, D. J. (2009). Blood pressure-independent reduction in proteinuria and arterial stiffness after acute endothelin-A receptor antagonism in chronic kidney disease. *Hypertension*, 54: 113-9.
13. Dear, J. W., Lilitkarntakul, P. & Webb, D. J. (2006). Are rare diseases still orphans or happily adopted? The challenges of developing and using orphan medicinal products. *Br J Clin Pharmacol*, 62: 264-71.
14. Itthipanichpong, C., Chompootaweep, S., Wittayalertpanya, S., Kemsri, W., Thaworn, N., Lilitkarntakul, P. Parikamsil, S. (2005). Clinical pharmacokinetic of celecoxib in healthy Thai volunteers. *J Med Assoc Thai*, 88: 632-8.
15. Wittayalertpanya, S., Chompootaweep, S., Hinsui, Y., Lilitkarntakul, P. The bioequivalence study of oral gabapentin 300 mg capsule. (2005). *Chula Med J*, 49: 1-12.

Presentations

1. Thongliamnak, N., Chariyavilaskul, P., Indrampanya, T., Wittayalertpanya, S., Effect of low body temperature on pharmacokinetics of propofol. Poster presentation at the 36th Pharmacological and Therapeutic Society of Thailand Meeting 2014, 24th to 28nd March 2014, , Sirirach Hospital, Bangkok, Thailand.
2. Phaisal, W., Chariyavilaskul, P., Wongchinsri, J., Satirapoj, B., Phromjeen, C., Rukrung, C., Wittayalertpanya, S., Avihingsanon, Y. Pharmacokinetic parameters of enteric-coated mycophenolate sodium in treatment of relapse or resistance lupus nephritis: for the sub study of CONTROL LUPUS trial (Clinical trial.gov NCT01015456). Poster presentation at the World Congress of Nephrology 2013, 31st May 2013 to 4th Jun 2013, Hong Kong.
3. Phaisal, W., Chariyavilaskul, P., Avihingsanon, Y., Wittayalertpanya, S. High Performance Liquid Chromatography Assay for a Determination of Inosine Monophosphate Dehydrogenase Activity in Human Peripheral Blood Mononuclear Cells. Poster presentation at the 35th Pharmacological and Therapeutic Society of Thailand Meeting 2013, 20th to 22nd March 2013, Topland Hotel, Phitsanulok, Thailand.
4. Phaisal, W., Lilitkarntakul, P., Wittayalertpanya, S., Avihingsanon, Y. High Performance Liquid Chromatography Assay for a Determination of Mycophenolic acid in human plasma. Poster presentation at the 34th Pharmacological and Therapeutic Society of Thailand Meeting 2012, 22nd to 24th Mar 2012, Sri Sirising Hall, Faculty of Dentistry, Chulalongkorn University, Bangkok, Thailand.
5. Lilitkarntakul, P., Wittayalertpanya, S. The bioequivalence study of 1500mg glucosamine sachet in Thai healthy volunteers. Poster presentation at the European Association of Clinical Pharmacology and Therapeutics (EACPT) conference 2011, Budapest, Hungary.
6. Lilitkarntakul, P., Dhaun, N., Goddard, J. & Webb, D.J. Risk factors for the metabolic syndrome independently predict arterial stiffness and endothelial dysfunction in chronic kidney disease. Oral presentation at the Scottish Renal Association 2008 meeting, Dunfermline, UK.
7. Lilitkarntakul, P., Dhaun, N., Melville, V., Goddard, J. & Webb, D.J. Determinant of arterial stiffness and endothelial dysfunction in chronic kidney disease. Poster presentation at the British Renal Society/ Renal Association 2008 conference, Glasgow, UK.

8. Lilitkarntakul, P., Dhaun, N., Goddard, J. & Webb, D.J. Risk factors for the metabolic syndrome independently predict arterial stiffness and endothelial dysfunction in chronic kidney disease. Poster presentation at the American Society of Nephrology 2008 meeting, Philadelphia, PA, USA.
9. Lilitkarntakul, P., Dhaun, N., Goddard, J. & Webb, D.J. Arterial stiffness and endothelial dysfunction in chronic kidney disease. Oral presentation at the American Society of Nephrology 2007 meeting, San Francisco, CA, USA.
10. Lilitkarntakul, P., Dhaun, N., Melville, V., Goddard, J. & Webb, D.J. Determinant of arterial stiffness and endothelial dysfunction in chronic kidney disease. Poster presentation at the 10th International Conference on Endothelin - ET-10, 2007, Bergamo, Italy.

Experience related to bioavailability and bioequivalence study

Principal investigator

Glucosamine 1,500 mg sachet
Memantine 10 mg tablet
Pregabalin 75 mg capsule (2 projects)
Pregabalin 150 mg capsule
Rivastigmine 6 mg capsule
Nicergoline 30 mg film-coated tablet
Levoceterizine 5 mg tablet
Gabapentin 300 mg capsule (2 projects)
Moxifloxacin 400 mg tablet (2 projects)
Mosapride 5 mg tablet
Clopidogrel 75 mg tablet

Co-investigator (Clinical Investigator)

Gabapentin 300 mg capsule
Rivastigmine tartrate 3 mg capsules
Gabapentin 400 mg capsule (2 projects)
Gabapentin 600 mg tablet (2 projects)
Donepezil 10 mg tablet
Irebesartan 300 mg tablet