

Curriculum Vitae

Dr C. Norman SCHOLFIELD

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1. Educational Background

Level	Program/Educational institution	Year of Graduation
PhD	Pharmacology, University of London, UK	1976
B.Sc	Physiology, University College London, UK	1968

2. Work Experience in reverse chronological order (the Present or most recent position first)

Position & institution	Year
Akkhraratchakumari Veterinary College, Walailak University	2021
Expert (part-time), Faculty of Pharmaceutical Sciences, Naresuan University, Thailand	2010-2020
Faculty of Medicine and Dentistry, Queens University Belfast, UK	1976-2010
Research Associate, School of Pharmacy, London, UK	1975-1976
Research Associate, Faculty of Psychology, University of Iowa, Iowa City, USA	1972-1975
Research Assistant, Pharmacology, Barts Hospital, London, UK	1968-1972

3. Expertise

- 1) Pharmacology of herbal medicines
- 2) Whole animal physiology,
- 3) Cell and electrophysiology

4. Teaching Experience

YES NO

Institution	Faculty	Program	Course	Year
Walailak University	Akkaratchakumari Veterinary Colledge	Veterinary	VET61-445 Animal reproduction and obstetrics VET61-224 Body structure and function IV	2022
Naresuan University	Pharmacy Medical Sciences	Pharmacy, Physiology Medicine Postgraduate Pharm	Occasional Postgrad supervision	2010-2020
Belfast	Medicine, dentistry, Medical sciences	Med, Dent, Science, all levels Nursing Year 1 Pharmacy yr 1 Podiatry yr 1 Agriculture yr 1	Many courses With 12-380 student per group	1976-2010
Barts Hospital		Medicine	Year 2 tutorials and practical classes	1969-1972
Open University UK				1978-1984

5. Academic Achievement from 5 years ago to present

5.1 Research articles

1) Bankhead P, Scholfield CN, McGeown JG, Curtis TM. (2012) Fast retinal vessel detection and measurement using wavelets and edge location refinement. PLoS One. 7, e32435. Epub 2012 Mar 12.

2) McGahon M, McKee J, Dash D, Brown E, Simpson D, Curtis T, McGeown J, Scholfield CN. (2012) Pharmacological profiling of store-operated Ca(2+) entry in retinal arteriolar smooth muscle. Microcirculation, Oct;19(7):586-97. doi: 10.1111/j.1549-8719.2012.00192.x.

3) Kamkaew N, Norman Scholfield C, Ingkaninan K, Taepavarapruk N, Chootip K. (2012) Bacopa monnieri Increases Cerebral Blood Flow in Rat Independent of Blood Pressure. Phytother Res. 2012 Mar 23. doi: 10.1002/ptr.4685.

4) Kur J, Bankhead P, Scholfield CN, Curtis TM, McGeown JG (2013) Ca(2+) sparks promote myogenic tone in retinal arterioles. Br J Pharmacol., 168(7):1675-86. doi: 10.1111/bph.12044

- 5) Kongkaew, C, Jampachaisri, K, Chollapat A, Chaturongkul, CA, Scholfield, CN. (2013) Depression and adherence to treatment in diabetic children and adolescents: a systematic review and meta-analysis and adolescents: a systematic review and meta-analysis. *Europ. J. Pediatrics*, 2013 Aug 20. [Epub ahead of print]
- 6) Kongkeaw C, Dilokthornsakul P, Thanarangsarit P, Limpeanchob N, C. Norman Scholfield (2013) Meta-analysis of randomized controlled trials on cognitive effects of *Bacopa monnieri* extract. *J Ethnopharmacol*. 2013 Nov 16. PMID: 24252493.
- 7) Kur J, McGahon MK, Fernández JA, Scholfield CN, McGeown JG, Curtis TM. Role of ion channels and subcellular Ca²⁺ signaling in arachidonic acid-induced dilation of pressurized retinal arterioles. (2014) *Invest Ophthalmol Vis Sci*. 55(5):2893-902. doi: 10.1167/iops.13-13511. PMID: 24699382
- 8) Needham M, McGahon MK, Bankhead P, Gardiner TA, Scholfield CN, Curtis TM, McGeown JG. (2014) The role of K⁺ and Cl⁻ channels in the regulation of retinal arteriolar tone and blood flow. *Invest Ophthalmol Vis Sci*. 55(4):2157-65. doi: 10.1167/iops.13-12948. PMID: 24609622
- 9) Oraya Kruangtip, Krongkarn Chootip, Prapapan Temkitthawon, Kanokwan Changwichit, Thippawan Chuprajob, Chatchawan Changtam, Apichart Suksamrarn, Nantaka Khorana, C. Norman Scholfield, Kornkanok Ingkaninan. (2014). Curcumin analogues inhibit phosphodiesterase-5 and dilate rat pulmonary arteries. *J Pharm Pharmacol*. 2015 67:87-95. PMID: 25176340.
- 10) Ngamwong Y1, Tangamornsuksan W1, Lohitnavy O2, Chaiyakunapruk N3, Scholfield CN4, Reisfeld B5, Lohitnavy M2. (2015) Additive Synergism between Asbestos and Smoking in Lung Cancer Risk: A Systematic Review and Meta-Analysis. *PLoS One*. 2015 Aug 14;10(8). PMID: 26274395.
- 11) Impheng H, Richert L, Pekthong D, Scholfield CN, Pongcharoen S, Pungpetchara I, Srisawang P. (2015). [6]-Gingerol inhibits de novo fatty acid synthesis and carnitine palmitoyltransferase-1 activity which triggers apoptosis in HepG2. *Am J Cancer Res*. 2015 Mar 15;5(4):1319-36.
- 12) Tangamornsuksan W, Lohitnavy O, Kongkaew C, Chaiyakunapruk N, Reisfeld B, Scholfield NC, Lohitnavy M. (2015) Association of HLA-B*5701 genotypes and abacavir-induced hypersensitivity reaction: a systematic review and meta-analysis. *J Pharm Pharm Sci*. 2015;18(1):68-76. PMID: 25877443.
- 13) Srimachai, S., Devaux, S., Demougeot, C., Kumphune, S Ullrich, N.D., Niggli, E., Ingkaninan, K., Kamkaew, N., Scholfield, C.N., Tapechum, S., Chootip, K. (2017) *Bacopa monnieri* extract increases rat coronary flow and protects against myocardial ischemia/reperfusion injury. *BMC Complementary and Alternative Medicine*. 17(1),pp. 117-on. PMID: 28219356.

- 14) Jukkarin Srivilaia, Preeyawass Phimnuana, Jiraporn Jaisabaia, Nantakarn Luangtoomaa, Neti Waranuchb, Nantaka Khoranaa, Wudtichai Wisuitiprotc, C. Norman Scholfield, Katechan Champachaisrid, Kornkanok Ingkaninan (2017). Curcuma aeruginosa Roxb. essential oil slows hair-growth and lightens skin in axillae; a randomised, double blinded trial. *Phytomedicine*, 25, 2017, Pp 29–38. PMID: 28190468
- 15) Chootip, K., Chaiyakunapruk, N., Soonthornchareonnon, N., Scholfield, C.N., Fuangchan, A. (2017) Efficacy and safety of “Yahom” as a traditional Thai herbal therapy: A systematic review. *Journal of Ethnopharmacology*, 96, pp. 110-123. PMID: 27939421.
- 16) Srivilai J, Nontakhot K, Nutuan T, Waranuch N, Khorana N, Wisuthiprot W, Scholfield CN, Champachaisri K, Ingkaninan K. (2018) Sesquiterpene-Enriched Extract of Curcuma aeruginosa Roxb. Retards Axillary Hair Growth: A Randomised, Placebo-Controlled, Double-Blind Study. *Skin Pharmacol Physiol*. 31(2):99-106. doi: 10.1159/000486136.
- 17) Tangamornsuksan W, Scholfield N, Lohitnavy M. (2018) Association Between HLA genotypes and Oxcarbazepine-induced Cutaneous Adverse Drug Reactions: A Systematic Review and Meta-Analysis. *J Pharm Pharm Sci*. 21(1):1-18. doi: 10.18433/J36S7D.
- 18) Tangamornsuksan W., Lohitnavy O., Sruamsiri R., Chaiyakunapruk N., Scholfield C.N., Reisfeld B., Lohitnavy M.(2018) Paraquat exposure and Parkinson’s disease: A systematic review and meta-analysis. *Archives of Environmental and Occupational Health*. Nov 25:1-14. doi: 10.1080/19338244.2018.1492894
- 19) Kongkaew C, Scholfield NC, Dhippayom T, Dilokthornsakul P, Saokaew S, Chaiyakunapruk N. (2018) Efficacy and safety of Pueraria candollei var. mirifica (Airy Shaw & Suvat.) Niyomdham for menopausal women: A systematic review of clinical trials and the way forward. *J Ethnopharmacol*. 216:162-174. doi: 10.1016/j.jep.2018.01.028
- 20) Mongkhon P, Ashcroft DM, Scholfield CN, Kongkaew C. (2018) Hospital admissions associated with medication non-adherence: a systematic review of prospective observational studies. *BMJ Qual Saf*. doi: 10.1136/bmjqs-2017-007453.
- 21) Ngamdokmai N, Waranuch N, Chootip K, Jampachaisri K, Scholfield CN, Ingkaninan K. (2018) Cellulite Reduction by Modified Thai Herbal Compresses; A Randomized Double-Blind Trial. *J Evid Based Integr Med*. 2018. doi: 10.1177/2515690X18794158.
- 22) Curtis, T. M., McLaughlin, D., O'Hare, M., Kur, J., Barabas, P., Revolta, G., Scholfield, C. N., McGeown, J. G., McGahon, M. K. Isolation of Retinal Arterioles for Ex Vivo Cell Physiology Studies. *J. Vis. Exp.* (137), e57944, doi:10.3791/57944 (2018).
- 23) Srivilai J, Minale G, Scholfield CN, Ingkaninan K.(2019) Discovery of Natural Steroid 5 Alpha-Reductase Inhibitors. *Assay Drug Dev Technol*. 2019 Feb/Mar;17(2):44-57. PMID: 30575417
- 24) Ya K, Tangamornsuksan W, Scholfield CN, Methaneethorn J, Lohitnavy M. (2019) Pharmacokinetics of mitragynine, a major analgesic alkaloid in kratom (*Mitragyna speciosa*): A systematic review. *Asian J Psychiatr*. 2019 May 9;43:73-8. PMID: 31100603

25) Chuenjid Kongkaew, C. Norman Scholfield, Teeraporn Supapaan, Claire Mann, Pajaree Mongkhon, Skonchai Chanunun. (2019), Impact of research-based learning on student knowledge and assessment in pharmacoepidemiology: A one-group pretest-posttest experimental study. 43: 236-241

26) Manupat Lohitnavy, Wimonchat Tangamornsuksan, Chuenjid Kongkaew, Norman Scholfield, and Suphat Subongkot, (2020) HLA-DRB1*07:01 and lapatinib-induced hepatotoxicity: A systematic review and meta-analysis. *The Pharmacogenomics Journal*, 20, 47–56

27) Chuenjid Kongkaew, Peerapong Meesomperm, C Norman Scholfield, Narttaya Chaiwiang, Neti Waranuch. (2020) Efficacy and Safety of *Centella Asiatica* (L.) Urb. on Wrinkles: A Systematic Review of Published Data and Network Meta-Analysis. *Journal of Cosmetic Science*, 71(6):439-454. PMID: 33413787