



LIST OF STAFFS

Faculty of Pharmaceutical Sciences,

P S U
Prince of Songkla University



Department of

Pharmaceutical
Technology



ASSOC. PROF. DR. THANAPORN AMNUAIKIT

Head of the Department



Email : chomchan.a@psu.ac.th

Scientific Interest : Transdermal drug delivery system, Delivery system of Cosmetic, Product Development of Semisolid dosage form and Cosmetics of skin product

Journal Articles : Phenylethyl resorcinol loaded in liposomal cream formulation for cosmeceutical application

PROF. DR. DAMRONGSAK FAROONGSARNG



Email : damrongsak.f@psu.ac.th

Scientific Interest : Physical pharmacy and Pharmaceutics, Material Science in Pharmaceuticals, Pharmacokinetics and Biopharmaceutics

Journal Articles : Physicochemical properties and in vitro antioxidant activities of pyroligneous acid prepared from brushwood biomass waste of Mangosteen, Durian, Rambutan, and Langsat

PROF. DR. TEERAPOL SRICHANA



Email : teerapol.s@psu.ac.th

Scientific Interest : Aerosol Science, Technology and Pulmonary Drug Delivery

Journal Articles : *In vitro* studies of *Jatropha Curcas* L. Latex spray formulation for wound healing applications

ASSOC. PROF. NATTHA KAEWNOPPARAT



Email : nuttha.s@psu.ac.th

Scientific Interest : Solid dispersion technique, cyclodextrin complexation, rectal drug delivery, vaginal drug delivery

Journal Articles : Characterization of a novel, co-processed bio-based polymer, and its effect on mucoadhesive strength

Faculty of

Pharmaceutical Sciences, PSU



ASSOC. PROF. DR. SUWIPA UNGPHAIBOON



Email : suwipa.u@psu.ac.th

Scientific Interest : Applications of chitosan and nanotechnology in oral mucosal drug delivery and cosmetics

Journal Articles : Effectiveness of an alcohol-free chitosan–curcuminoid mouthwash compared with chlorhexidine mouthwash in denture stomatitis treatment: A randomized trial

ASSOC. PROF. DR. NIMIT WORAKUL



Email : nimit.w@psu.ac.th

Scientific Interest : Drug Delivery Systems and Interfacial Phenomena in Pharmaceutical Sciences

Journal Articles : Numerical computation of pH and buffer capacity in complex mixtures of acids, bases and ampholytes

ASSOC. PROF. DR. PRAPAPORN BOONME



Email : prapaporn.b@psu.ac.th

Scientific Interest : Cosmetic sciences, Microemulsions, Nanoparticles, Skin drug delivery systems

Journal Articles : Stability and release kinetics of natural oil microemulsions containing nicotinamide

PROF. DR. RUEDEEKORN WIWATTANAPATAPEE



Email : rueeekorn.w@psu.ac.th

Scientific Interest : Oral drug delivery systems, Pharmaceutical nanotechnology for natural products, Formulation of biopesticides

Journal Articles : Intracellular Delivery of Budesonide and Polydopamine Co-Loaded in Endosomolytic Poly(butyl methacrylate-co-methacrylic acid) Grafted Acetalated Dextran for Macrophage Phenotype Switch from M1 to M2

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Pharmaceutical Sciences, PSU



ASSOC. PROF. DR. SARUNYOO SONGKRO



Email : sarunyoo.s@psu.ac.th

Scientific Interest : Topical/Transdermal drug delivery systems in particular investigation of mechanism of action of skin penetration enhancer, Cosmetics

Journal Articles : Formulation and investigation of antioxidant potential of O/W lotions containing *Tamarindus indica* L. fruit pulp extract

ASSOC. PROF. DR. WIWAT PICHAYAKORN



Email : wiwat.p@psu.ac.th

Scientific Interest : Applications of Natural Polymer in Pharmaceutical Technology, Particulate and Bioactive Drug Delivery Systems

Journal Articles : Lidocaine loaded gelatin/gelatinized tapioca starch films for buccal delivery and the irritancy evaluation using chick chorioallantoic membrane

ASSOC. PROF. DR. KWUNCHIT OUNGBHO



Email : kwunchit.o@psu.ac.th

Scientific Interest : Chitosan, Nanotechnology, Cell cultures in Drug delivery systems, Tissue engineering, and Cosmetics

Journal Articles : Controlled release of polyethyleneimine-simvastatin acid nanoparticles from conducting matrices and their osteogenic potential

ASST. PROF. DR. SIRIRAT PINSUWAN



Email : sirirat.pi@psu.ac.th

Scientific Interest : Drug Solubility and Stability, Drug Delivery

Journal Articles : Phenylethyl resorcinol loaded in liposomal cream formulation for cosmeceutical application

Faculty of

Pharmaceutical Sciences, PSU



ASST. PROF. DR. WICHAN KETJINDA



Email : wichan.k@psu.ac.th

Scientific Interest : Industrial Pharmacy, Drug Delivery System, Sustained release dosage form, Multiple-Unit Pellet System

Journal Articles : Formulation and physical evaluation of topical patch containing *Derris scandens*

ASST. PROF. DR. NATTHIDA PAKPAYAT



Email : natthida.a@psu.ac.th

Scientific Interest : Formulations of microemulsions and nanoemulsions

Journal Articles : Stability and release kinetics of natural oil microemulsions containing nicotinamide

DR. TEERAPAT NUALNOI



Email : teerapat.n@psu.ac.th

Scientific Interest : Monoclonal antibody production, Immunotherapeutic, and Immunodiagnostics

Journal Articles : Synthesis and evaluation of chromone-2-carboxamido-alkylamines as potent acetylcholinesterase inhibitors

MR. KITTICHOTE WORACHOTEKAMJORN



Email : kittichote.w@psu.ac.th

Scientific Interest : Pharmaceutical Technology

Journal Articles : Measurement of mass of aerosol particles



Department of

Pharmaceutical
Chemistry



ASST. PROF. DR. KRIT SUKNUNTHA HEAD OF THE DEPARTMENT



Email : krit@pharmacy.psu.ac.th

Scientific Interest : Mucoadhesive Drug delivery, Solid dispersion, Polymer sciences and Pharmaceutical analysis

Journal Articles : Effects of Drug Concentration, Rate of Infusion, and Flush Volume on G-CSF Drug Loss When Administered Intravenously

PROF. DR. VIMON TANTISHAIYAKUL



Email : vimon.t@psu.ac.th

Scientific Interest : Organic synthesis, Formulation development to enhance solubility and permeability properties, Cell culture/biotechnology, Chemometric analysis, Drug delivery system

Journal Articles : In situ mucoadhesive hydrogel based on methylcellulose/xyloglucan for periodontitis

PROF. DR. ADISORN RATANAPHAN



Email : adisorn.r@psu.ac.th

Scientific Interest : Metal Complexes in Cancer Chemotherapy, Breast Cancer Research

Journal Articles : Cellular responses of BRCA1-defective HCC1937 breast cancer cells induced by the antimetastasis ruthenium(II) arene compound RAPTA-T

ASSOC. PROF. DR. ROONGNAPA (SUEDEE) SRICHANA



Email : roongnapa.s@psu.ac.th

Scientific Interest : Molecular imprinted polymer, Drug delivery disposition and dynamic, Drug discovery chemistry, Chemosensor

Journal Articles : Effect of sodium deoxycholate sulfate on outer membrane permeability and neutralization of bacterial lipopolysaccharides by polymyxin B formulations



ASSOC. PROF. DR. JASADEE KAEWSRICCHAN



Email : jasadee.k@psu.ac.th

Scientific Interest : Molecular cloning and gene expression

Journal Articles : Hepatoprotective effect of germinated Sang-Yod Rice in obese mice

ASSOC. PROF. DR. CHALERMKIAT SONGKRAM



Email : chalermkiat.s@psu.ac.th

Scientific Interest : Medicinal and Organic Chemistry

Journal Articles : Enhanced Antipsoriatic Activity of Mycophenolic Acid Against the TNF-alpha-Induced HaCaT Cell Proliferation by Conjugated Poloxamer Micelles

ASSOC. PROF. DR. LUELAK LOMLIM



Email : luelak.l@psu.ac.th

Scientific Interest : Drug discovery, Medicinal Chemistry, Organic Synthesis, Anti-Alzheimer's Disease

Journal Articles : Synthesis and evaluation of chromone-2-carboxamido-alkylamines as potent acetylcholinesterase inhibitors

ASST. PROF. DR. JUTIMA BOONLEANG



Email : jutima.b@psu.ac.th

Scientific Interest : Pharmaceutical Analysis, Biomedical Analysis, Pharmacokinetics, Bioequivalence Study, Biopolymers

Journal Articles : Stability-Indicating HPLC Method for Determination of Spironolactone in Oral Liquids and Its Application to Stability Study

ASST. PROF. DR. BHUTORN CANYUK



Email : bhutorn.c@psu.ac.th

Scientific Interest : Structure-based drug design, protein chemistry, medicinal enzymology

Journal Articles : Synthesis of jatropha oil based wax esters using an immobilized lipase from Burkholderia sp EQ3 and Lipozyme RM IM

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Pharmaceutical Sciences, PSU



ASST. PROF. DR. CHITCHAMAI OVATLARNPORN



Email : Ichitcha@pharmacy.psu.ac.th

Scientific Interest : Medicinal Chemistry, Pharmaceutical separation technique, Drug delivery system, Biomaterials, Colon drug targeting, Utilization of polysaccharides for drug development

Journal Articles : Chemical Constituents From the Aerial Part of *Tiliacora triandra* (Colebr.) Diels and Their alpha-Glucosidase and alpha-Amylase Inhibitory Activity

ASST. PROF. NARUBODEE PHADOONGSOMBUT



Email : pnarubod@pharmacy.psu.ac.th

Scientific Interest : Pharmaceutical Analysis, Biopharmaceutical Analysis, Bioequivalence Study

Journal Articles : Effectiveness of an Alcohol-Free Chitosan-Curcuminoid Mouthwash Compared with Chlorhexidine Mouthwash in Denture Stomatitis Treatment: A Randomized Trial

ASST. PROF. DR. KASEMSIRI CHANDARAJOTI



Email : kasemsiri@pharmacy.psu.ac.th

Scientific Interest : Enzymatic synthesis, enzymatic development assay

Journal Articles : Synthetic oligosaccharides can replace animal-sourced low-molecular weight heparins

DR. PAWEENA WONGWITWICHOT



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Scientific Interest : Cell and molecular biology, Pharmaceutical biotechnology

Journal Articles : Osteogenic differentiation of mesenchymal stem cells is impaired by bone morphogenetic protein 7

Faculty of

Pharmaceutical Sciences, PSU



Department of

Pharmacognosy and
Pharmaceutical
Botany



ASST. PROF. DR. SUKANYA DEJ-ADISAI

HEAD OF THE DEPARTMENT



Email : sukanya.d@psu.ac.th

Scientific Interest : Plant defense mechanism, Biological activities from natural products (i.e. tyrosinase inhibition, alpha-glucosidase inhibition, anti-microbial activity, etc.)

Journal Articles : Effects of Selected Moraceae Plants on Tyrosinase Enzyme and Melanin Content

ASSOC. PROF. DR. SANAN SUBHADHIRASAKUL



Email : sanan.s@psu.ac.th

Scientific Interest : Chemistry of natural products, Quality control of medicinal plants, Formulations of herbal drugs

Journal Articles : New indole alkaloids from *Ervatamia cumingiana*

ASSOC. PROF. DR. PHARKPHOOM PANICHAYUPAKARANANT

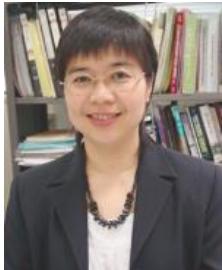


Email : pharkphoom.p@psu.ac.th

Scientific Interest : Natural Product Chemistry and Plant Tissue Cultures

Journal Articles : Enhanced plumbagin production in *Plumbago indica* root culture by simultaneous and sequential dual elicitation using chitosan with L-alanine and methyl- β -cyclodextrin

ASSOC. PROF. DR. SUPINYA TEWTRAKUL



Email : supinya.t@psu.ac.th

Scientific Interest : Biological activities of natural products :

Anti-inflammatory, anti-allergic and anti-HIV-1 integrase activities

Journal Articles : Anti-inflammatory effect of isopimarane diterpenoids from *Kaempferia galanga*

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Pharmaceutical Sciences, PSU



ASSOC. PROF. DR. ANUCHIT PLUBUKARN



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Scientific Interest : Organic chemistry, Organic structure determination, Organic synthesis

Journal Articles : Allocation of trisoxazole macrolides in the sponge *Penares cf. nux* and the impact on epiphytic bacterial cohabitants

ASSOC. PROF. DR. JURAITHIP WUNGINTAWEEKUL



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Scientific Interest : Plant biosynthesis, Biochemistry, Plant tissue culture

Journal Articles : 4-Coumarate:coenzyme A ligase isoform 3 from *Piper nigrum* (Pn4CL3) catalyzes the CoA thioester formation of 3,4-methylenedioxycinnamic and piperic acids

ASST. PROF. DR. NIWAT KEAWPRADUB



Email : niwat.k@psu.ac.th

Scientific Interest : Phytochemistry

Journal Articles : Sodium nitroprusside triggers mitragynine biosynthesis in Kratom

ASST. PROF. DR. JINDAPORN PURIPATTANAVONG



Email : jindaporn.p@psu.ac.th

Scientific Interest : Phytochemistry, Standardization and Bioassay of natural product, Cosmaceutical from natural product

Journal Articles : Synthesis of 2-(2-oxo-2H-chromen-4-yl)acetamides as potent acetylcholinesterase inhibitors and molecular insights into binding interactions



ASST. PROF. DR. CHATCHAI WATTANAPIROMSAKUL



Email : chatchai.w@psu.ac.th

Scientific Interest : Phytochemistry

Journal Articles : Anti-inflammatory effect of isopimarane diterpenoids from *Kaempferia galanga*

ASSOC. PROF. DR. SIREEWAN KAEWSUWAN



Email : songsri.k@psu.ac.th

Scientific Interest : Plant Molecular Biology, Plant tissue culture and micropropagation

Journal Articles : In Vitro Anti-inflammatory and Antioxidative Activities of Isolated Interruptins from *Cyclosorus terminans*

ASST. PROF. DR. PANUPONG PUTTARAK



Email : panupong.p@psu.ac.th

Scientific Interest : Phytochemistry, Natural Product, Clinical Pharmacy

Journal Articles : Raft-forming gastro-retentive formulations based on *Centella asiatica* extract-solid dispersions for gastric ulcer treatment

DR. PIMPIMON TANSAKUL



Email : pimpimon.t@psu.ac.th

Scientific Interest : Pharmacognosy, Plant Molecular Biology, Plant Biosynthesis

Journal Articles : Anti-inflammatory effect of isopimarane diterpenoids from *Kaempferia galanga*

DR. ATHIP SAKUNPHUEAK



Email : athip.s@psu.ac.th

Scientific Interest : HPLC quantitative analysis of natural product, Natural product chemistry, Plant tissue culture

Journal Articles : Formulation and physical evaluation of topical patch containing *Derris scandens*

Faculty of

Pharmaceutical Sciences, PSU



Department of

Clinical Pharmacy

**Faculty of
Pharmaceutical Sciences, PSU**



DR.USANEE WANAKAMANEE

HEAD OF THE DEPARTMENT



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Scientific Interest : Pharmaceutical care

Journal Articles : Vancomycin dosing regimen by monte carlo simulation in patients on intermittent high-efficiency hemodialysis (Hehd)

ASSOC. PROF. DR. WANTANA REANMONGKOL



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Scientific Interest : Pharmaceutical care in psychotic patients, Pharmacology, Toxicology, Biopharmacy

Journal Articles : Anti-hyperglycemic and anti-hyperlipidemic effects of rhinacanthins-rich extract from *Rhinacanthus nasutus* leaves in nicotinamide-streptozotocin induced diabetic rats

ASSOC. PROF. DR. CHAVEEWAN RATANAJAMIT



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Scientific Interest : Pharmacoepidemiology

Journal Articles : Inpatient self-administered medication under the supervision of a multidisciplinary team: A randomized, controlled, blinded parallel trial

ASSOC. PROF. DR. SIRIMA MAHATTANADUL



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Scientific Interest : Pharmaceutical care, Oral and Gastrointestinal pharmacology

Journal Articles : Raft-forming gastro-retentive formulations based on Centella asiatica extract-solid dispersions for gastric ulcer treatment



ASST. PROF. DR. MALEE ROJPIBULSTIT



Email : malee.r@psu.ac.th

Scientific Interest : Pharmacoepidemiology

Journal Articles : Sexual risk behaviors among HIV-patients receiving antiretroviral therapy in Southern Thailand: Roles of antiretroviral adherence and serostatus disclosure

ASST. PROF. DR. NUTTASIRI THANAWUTH



Email : nattasiri@pharmacy.psu.ac.th

Scientific Interest : Pharmaceutical care

Journal Articles : The development of Risk management of medicines in Thailand : A case study of Paracetamol

ASST. PROF. DR. WILAWAN THONGRAUNG



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Scientific Interest : Adverse drug reaction

Journal Articles : Outcomes of the management for patients with antituberculosis drug-induced cutaneous adverse drug reactions

ASST. PROF. DR. KAMONTHIP WIWATTANAONGSA



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Scientific Interest : Pharmacokinetic study of drug and herbal medicines

Journal Articles : Enhanced Oral Bioavailability of Curcumin Using a Supersaturatable Self-Microemulsifying System Incorporating a Hydrophilic Polymer; In Vitro and In Vivo Investigations



ASST. PROF. DR. THITIMA DOUNGNGERN



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Scientific Interest : Pharmaceutical care

Journal Articles : Predictive Risk Factors for Early Seizures in Traumatic Brain Injury

ASST. PROF. DR. SUTTHIPORN PATTHARACHAYAKUL



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Scientific Interest : Pharmaceutical care

Journal Articles : Optimal vancomycin dosing regimens for critically ill patients with acute kidney injury during continuous renal replacement therapy: A Monte Carlo simulation study

ASST. PROF. DR. WORANUCH SAENGCHAROEN



Email : woranuch.s@psu.ac.th

Scientific Interest : Pharmaceutical care, Warfarin

Journal Articles : Family-based intervention by pharmacists for type 2 diabetes: A randomised controlled trial

ASST. PROF. DR. WARUNSUDA SRIPAKDEE



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Scientific Interest : Pharmaceutical care

Journal Articles : Effects of Drug Concentration, Rate of Infusion, and Flush Volume on G-CSF Drug Loss When Administered Intravenously

Faculty of

Pharmaceutical Sciences, PSU



DR. SIRIMA SITARUNO



Email : sirima@pharmacy.psu.ac.th

Scientific Interest : Pharmaceutical care

Journal Articles : Effects of Drug Concentration, Rate of Infusion, and Flush Volume on G-CSF Drug Loss When Administered Intravenously

MISS NUTDAPORN BUASRI



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Scientific Interest : Pharmaceutical care

Journal Articles : Public knowledge and factors associated with inappropriate analgesic use: A survey in Thailand

MR. TAWEESAK MANEEROT



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Scientific Interest : Pharmaceutical care

Journal Articles : Low-dose valproate-related peripheral edema in patients with bipolar disorder: Two case reports

MR. NUNTAPONG BOONRIT



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Scientific Interest : Pharmaceutical care

Journal Articles: Impact of ontogeny on Pharmacokinetics and Pharmacodynamics in pediatric patients

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Pharmaceutical Sciences, PSU



MR. CHALITPON NA NAKORN



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Scientific Interest : Pharmaceutical care

Research Project : Genetic Variations and Frequencies of the Two Functional Single Nucleotide Polymorphisms of SLC01B1 in the Thai Population

MISS DISSAYA WATTHANAPAISAN



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Scientific Interest : Pharmaceutical care

MISS ORAWAN SAE-LIM



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Scientific Interest : Pharmaceutical care

Research Project : Prediction of serum digoxin concentration using estimated glomerular filtration rate in Thai population



Department of

Pharmacy
Administration



ASST. PROF. DR. KHUNJIRA UDOMAKSORN

HEAD OF THE DEPARTMENT



Email : khunjira.u@psu.ac.th

Scientific Interest : Pharmaceutical economics and policy, Financial mechanism in health insurance system

Journal Articles : Simulation of Financial Impact from Changing Pharmaceutical Reimbursement Method for Outpatient Services among Three Major Health Insurance Schemes: A Case Study of a Psychiatric Hospital

ASSOC. PROF. DR. SANGUAN LERKIATBUNDIT



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Scientific Interest : Behavioral Pharmacy, Measurement of Psychological, Constructs

Journal Articles : Family-based intervention by pharmacists for type 2 diabetes: A randomised controlled trial

ASSOC. PROF. DR. KORN SORNLERTLUMVANICH



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Scientific Interest : Pharmacy Education, Pharmacy Management, Qualitative Research Methodology

Journal Articles : Exploring Competencies of Primary Care Pharmacists Practicing in Public Sector: A Qualitative Study

ASST. PROF. DR. PONGTHEP SUTHERAVUT



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Scientific Interest : Health System Management

Journal Articles : Construct Model of Innovation in Healthy Community Projects: A Case Study of Srithanam, Thanto Sub-district, Thanto District, Yala Province

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Pharmaceutical Sciences, PSU



ASST. PROF. DR. KORNGAMON ROOKKAPAN



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Scientific Interest : Primary Care Pharmacy, Vaccine Logistics

Journal Articles : Factors Affecting Dengue Vaccine Acceptance of Patients at a Hospital in Yala Province

DR. PIMWARA TANVEJSILP



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Scientific Interest : Health Technology Assessment; Cost analysis; Healthcare Research

Journal Articles : The clinical characteristics and prognostic factors of multiple lesions in glioblastomas

DR. TANATAPE WANISHAYAKORN



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Scientific Interest : Risk-Benefit Evaluation of Drugs, Pharmacoeconomics

Journal Articles : Economic impact of Pharmacy Resident's interventions in Medical intensive care unit of University Hospital in Thailand

MISS PITCHAYA NUALDAISRI



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Scientific Interest : Social Administrative Pharmacy

Journal Articles : Medicine information leaflets in Asia, Africa, and the United Kingdom: A scoping review of the literature

MISS MANTHANA LAICHAPIS



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Scientific Interest : Social Administrative Pharmacy





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