

The 144th Annual Meeting of the Pharmaceutical Society of Japan

*Creation of a Pharmaceutical Culture that Co-prosperity
with "Genes" and "Environment":
Toward the Integration of Sustainable "Digital Therapy"*

March 28th to 31st, 2024

PACIFICO Yokohama

*Selected programs
of presentations in English*



公益社団法人 日本薬学会

1 Timetable

Programs (partly) in English

3月28日(木) 3月29日(金)

会議センター		会議センター											
501会場		メイン会場	211会場	301会場	302会場	303会場	304会場	311会場	313会場	315会場	411会場	412会場	
501		メインホール	211+212	301	302	303	304	311+312	313+314	315	411	412	
5F		1F	2F	3F	3F	3F	3F	3F	3F	3F	4F	4F	
8:30				8:30~9:30 特別講演 SL02 Dmitri Artemov E									
9:00													
9:15	9:15~10:15												
9:30	会頭講演 PL 岩淵 好治												
9:45		9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	
10:00		ORAL (Biology)	一般シンポジウム S01 「イメージング」 の素晴らしさを 知るぞ！ —すべての イメージングは 治療に通ず	一般シンポジウム S02 薬農連携で 切り拓く 次世代保健 機能食品研究	一般シンポジウム S03 眼領域での薬学 研究 Update	一般シンポジウム S04 小児用医薬品の 創薬研究とその 拡充に向けた 取り組み	一般シンポジウム S05★ 女性研究者が拓 く肝臓を 中心とした 疾患研究と 創薬への展開	一般シンポジウム S06 難治性疾患の 制御に向けた 産学薬学研究者 の連携起点	一般シンポジウム S07 構造薬科学 —“分子”構造を 見る、知る、 操る—	ORAL (Chem)	一般口頭発表 (化学系)	一般口頭発表 (生物系)	
10:15		一般口頭発表 (生物系)	29-211-am01 29-211-am10								29-411-am01 29-411-am10	29-412-am01 29-412-am10	
10:30	10:30~11:30												
10:45	特別講演 SL01 手代木 功		糖質 脂質①								生薬学・ 天然物化学/ 遺伝子・生合成	細胞内情報伝達① 細胞応答①	
11:00													
11:15													
11:30													
11:45													
12:00													
12:15		12:00~13:00 ランチョン セミナー LS01 DKSHマーケット エキスパンション サービスジャパン 株式会社	12:00~13:00 ランチョン セミナー LS02 株式会社 パワレック	12:00~13:00 ランチョン セミナー LS03 株式会社 堀場製作所	12:00~13:00 ランチョン セミナー LS04 一般財団法人 電気安全環境 研究所電磁界 情報センター	12:00~13:00 ランチョン セミナー LS05 東ソー株式会社				12:00~13:00 ランチョン セミナー LS06 新生キャピタル パートナーズ 株式会社			
12:30													
12:45													
13:00	13:00~15:10												
13:15		13:15~14:05 学術貢献賞 受賞講演 AL05 須貝 威	13:15~15:15 一般口頭発表 (生物系)	13:15~15:15 一般シンポジウム S11 化学の力で 拓く革新的 タンパク質 研究	13:15~15:15 ジョイント シンポジウム JS02 甲状腺機能 かく乱に起因す る発達神経毒性 リスクの現状 と将来展望 (日本薬学会 日本先天異常学会 共催)	13:15~15:15 一般シンポジウム S12 抗うつ薬の 薬効に関わる 神経メカニズム	13:15~15:15 一般シンポジウム S13 モノトリ サイエンス アップデート	13:15~15:15 一般シンポジウム S14★ がんと闘う アカデミア創薬 の新挑戦	13:15~15:15 一般シンポジウム S15★ 免疫医学や ゲノム医学に 基づく最新 がん治療戦略	13:15~15:15 一般シンポジウム S16 食品中に残留 する農薬等 有害物質の 規制と試験法の 現状と課題	13:15~15:15 一般口頭発表 (化学系)	13:15~15:15 一般口頭発表 (生物系)	
13:30			29-211-pm01 29-211-pm10								29-411-pm01 29-411-pm10	29-412-pm01 29-412-pm10	
13:45													
14:00		14:15~15:05 学術貢献賞 受賞講演 AL06 橋高 敦史	脂質② 核酸								生薬学・天然物化学/ 品質評価・定性・定量 薬理・臨床/ ケミカルバイオロジー/ スクリーニング 生薬学・天然物化学/ スクリーニング	免疫・生体防御/ 薬剤耐性① 薬剤耐性②	
14:15													
14:30													
14:45													
15:00													
15:15													
15:30	15:30~16:30	薬学会賞 受賞講演 AL01 青木 淳賢	15:30~17:30 一般口頭発表 (生物系)	15:30~17:30 一般シンポジウム S21 創薬を志向した 構造生命科学 研究の最前線	15:30~17:30 ジョイント シンポジウム JS04★ 肌の洗浄と 保湿を考える (日本薬学会 日本化粧品学会 共催)	15:30~17:30 大学院生 ・学部生 シンポジウム GS02 画期的な治療 戦略の探究~若手 研究者の挑戦~	15:30~17:30 一般シンポジウム S22 心身のセルフ ケアのための素 材開発と 実用化 ~健康長寿を 目指して~	15:30~17:30 大学院生 ・学部生 シンポジウム GS03 未来への処方箋 ~2040年の 医療社会実装へ 向けて~	15:30~17:30 一般シンポジウム S23★ 脳が仲介する 難治性疾患の 末梢-中枢円環的 病態悪化機構	15:30~17:30 一般シンポジウム S24 中分子ペプチド医 薬品の未来を拓く イノベーションと レギュレーション	15:30~17:30 ORAL (Chem) 一般口頭発表 (化学系)	15:30~17:42 ORAL (Biology) 一般口頭発表 (生物系)	
15:45			29-211-pm11 29-211-pm20								29-411-pm11 29-411-pm20	29-412-pm11 29-412-pm21	
16:00													
16:15													
16:30													
16:45	16:45~17:45	薬学会賞 受賞講演 AL02 原 英彰	免疫・生体防御①/ 生理活性物質 免疫・生体防御②								生薬学・天然物化学/ 配糖体・アグリコン/ 芳香族化合物 生薬学・天然物化学/ テルペン類	抗菌薬-抗ウイルス薬- 抗真菌薬① 抗菌薬-抗ウイルス薬- 抗真菌薬②/ ワクチン・ 生理活性物質	
17:00													
17:15													
17:30													
17:45													
18:00													

会議センター

Exhibition Hall

413会場	414会場	415会場	416会場	417会場	418会場	419会場	501会場	502会場	503会場	511会場	Poster Presentation	
413	414	415	416	417	418	419	501	502	503	511+512		1F
4F	4F	4F	4F	4F	4F	4F	5F	5F	5F	5F		1F
												8:30~12:00
												9:00
												9:15
												9:30
												9:45
9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:33	9:45~11:45	9:45~11:45	9:45~11:45		9:45~11:45	9:45~11:45		10:00
一般口頭発表 (化学系) 29-413-am01 29-413-am10 ケミカルバイオロー ① ケミカルバイオロー ②	一般口頭発表 (化学系) 29-414-am01 29-414-am10 その他/核酸① その他/核酸②	一般口頭発表 (化学系) 29-415-am01 29-415-am10 反応開発/ 芳香族化合物① 反応開発/ 芳香族化合物②	一般口頭発表 (生物系) 29-416-am01 29-416-am10 化学療法剤/ その他 漢方薬/ 内分泌・代謝系	一般口頭発表 (物理系) 29-417-am01 29-417-am09 第19回若手が拓 く新しい薬剤学 〜味違った創薬 モダリティで未来 を切り拓く〜 標識薬物の合成・ 代謝研究 放射線化学・ 放射線生物学/ 放射線防護・管理	一般シンポジウム S08 大学院生・学部生 シンポジウム GS01 自己と非自己が 織りなす「弱い 相互作用」の観 察・理解・応用 〜シンバイオ テック・マテリ アルの創製に 向けて〜	大学研究生 シンポジウム GS01 自己と非自己が 織りなす「弱い 相互作用」の観 察・理解・応用 〜シンバイオ テック・マテリ アルの創製に 向けて〜	一般シンポジウム S09★ 中分子医薬および 超分子DDSの 開発・評価と レギュレーション について考える (日本薬学会 日本毒学会 共催)		ジョイント シンポジウム JS01 環境化学物質に よる付加体形成を 介した生体恒常性 への影響 (日本薬学会 日本毒学会 共催)	一般口頭発表 (化学系) 29-511-am01 29-511-am10 全合成/ アルカロイド① 全合成/ アルカロイド② 全合成/ テルペン/ ステロイド①		8:30~12:00 一般ポスター発表 (化学系) 29P-am001 29P-am121 (物理系) 29P-am122 29P-am176 (生物系) 29P-am177 29P-am305 (環境・衛生系) 29P-am306 29P-am350 (医療系) 29P-am351 29P-am490 (その他) 29P-am491 29P-am510 【説明時間】 回数: 9:45~10:45 奇数: 10:45~11:45
												12:00
12:00~13:00		12:00~13:00		12:00~13:00		12:00~13:00	12:00~13:00		12:00~13:00	12:00~13:00		12:15
ランチョン セミナー LS07 株式会社リガク		ランチョン セミナー LS08 一般財団法人 総合科学研究機構		ランチョン セミナー LS09 ウエルシア薬局 株式会社		キャリアデザイン セミナー CS01 中外製薬 株式会社	ランチョン セミナー LS10 株式会社 アインホール ディングス		ランチョン セミナー LS11 国立研究開発法人 日本医療研究開発機構	ランチョン セミナー LS12 株式会社ツムラ		12:30
												13:00
13:15~15:15	13:15~15:15	13:15~15:15	13:15~15:15	13:15~15:15	13:15~15:15	13:15~15:15	13:15~15:15	13:15~15:15	13:15~15:15	13:15~15:15		13:15
一般口頭発表 (化学系) 29-413-pm01 29-413-pm10 医薬品設計① 医薬品設計② ORAL (Chem)	一般口頭発表 (化学系) 29-414-pm01 29-414-pm10 反応開発/アミノ酸/ ペプチド① 反応開発/アミノ酸/ ペプチド②	一般口頭発表 (化学系) 29-415-pm01 29-415-pm10 全合成/ 芳香族化合物① 全合成/ 脂肪族化合物① 全合成/ 脂肪族化合物② 全合成以外の合成/ 脂肪族化合物	一般口頭発表 (生物系) 29-416-pm01 29-416-pm10 腎・泌尿・ 生殖器官 中枢神経系 (神経変性)/ 中枢神経系 (機能)/ (疾患・治療)	一般口頭発表 (物理系) 29-417-pm01 29-417-pm10 HPLC①/ 生物学的分析法/ その他 その他/機器分析/ LC-MS① ORAL (Physic)	ジョイント シンポジウム JS03 医療に貢献する 院内製剤:患者・臨床・ 企業のニーズを探り、 情報を集約する 〜日本医療薬学会、 日本薬学会、3学会ジョ イントシンポジウム〜 (日本薬学会、 日本医療薬学会、 日本薬学会 共催)	一般シンポジウム S17 薬用植物の 利活用を考える	一般シンポジウム S18★ シン・ワクチン学 への挑戦	一般シンポジウム S19 中分子創薬研究 のフロンティア 〜中分子創薬に 資する次世代 分子技術〜	一般シンポジウム S20 有機合成化学 の若い力: みらい創造 〜分野を超えて 挑戦する有機 合成化学〜	一般口頭発表 (化学系) 29-511-pm01 29-511-pm10 反応開発/ 有機金属化合物・ 錯体① 反応開発/ 有機金属化合物・ 錯体②		13:30~17:00 一般ポスター発表 (化学系) 29P-pm001 29P-pm120 (物理系) 29P-pm121 29P-pm175 (生物系) 29P-pm176 29P-pm303 29P-pm304 (環境・衛生系) 29P-pm348 (医療系) 29P-pm349 29P-pm488 (その他) 29P-pm489 29P-pm508 【説明時間】 回数: 14:45~15:45 奇数: 15:45~16:45
												15:15
15:30~17:06	15:30~17:30	15:30~17:18	15:30~17:30	13:15~17:30	15:30~16:00	15:30~17:30	15:30~17:30	15:30~17:30		15:30~17:30		15:30
一般口頭発表 (化学系) 29-413-pm11 29-413-pm18 構造活性相関①、 中分子、 スクリーニング①、 スクリーニング②、 薬理活性物質	一般口頭発表 (生物系) 29-414-pm11 29-414-pm20 【遺伝子・遺伝情報】 転写① 【遺伝子・遺伝情報】 転写②	一般口頭発表 (その他) 29-415-pm11 29-415-pm18 学部専門教育/ 実務実習 薬剤師卒業後教育/ その他 ORAL (others)	一般口頭発表 (生物系) 29-416-pm11 29-416-pm20 中枢神経系 (疾患・治療)/ 中枢神経系 (神経変性)① 中枢神経系 (疾患・治療)/ 中枢神経系 (神経変性)②	一般口頭発表 (物理系) 29-417-pm11 29-417-pm20 LC-MS② LC-MS③	奨励賞受賞講演 AL11 牛丸 理一郎 16:15~16:45 奨励賞受賞講演 AL12 南條 毅 17:00~17:30 奨励賞受賞講演 AL13 佐藤 秀行	一般シンポジウム S25 創薬を指向した 自己集合研究の 最前線	一般シンポジウム S26★ 上皮バリアの 分子基盤を標的 とした創薬研究 の最前線	一般シンポジウム S27 小児用医薬品の 開発促進に向けて		一般シンポジウム S10 光を用いた 次世代Photo Bio Medicine Morten P. Meldal E		15:45
												16:00
												16:15
												16:30
												16:45
												17:00
												17:15
												17:30
												17:45
												18:00

3月30日(土)

会議センター												
メイン会場	211会場	301会場	302会場	303会場	304会場	311会場	313会場	315会場	411会場	412会場	413会場	
メインホール	211+212	301	302	303	304	311+312	313+314	315	411	412	413	
1F	2F	3F	3F	3F	3F	3F	3F	3F	4F	4F	4F	
8:30												
9:00	9:00~10:00 薬学会賞受賞講演 AL03 玉井 郁巳	8:30~9:30 一般口頭発表(生物系) 30-211-am01 30-211-am05 生理活性物質① ORAL (Bio)						8:30~9:30 一般口頭発表(医療系) 30-313-am01 30-313-am05 代謝/薬物間相互作用	8:30~9:18 一般口頭発表(生物系) ORAL (Bio) 30-411-am01 30-411-am03 30-411-am14 微生物学その他	8:30~9:30 一般口頭発表(生物系) 30-412-am01 30-412-am05 病原性・感染	8:30~9:30 一般口頭発表(医療系) 30-413-am01 30-413-am05 レギュラトリーサイエンス	
9:45		9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:33	9:45~11:45	
10:00		一般口頭発表(生物系)	一般シンポジウム S28	理事会企画シンポジウム OS01	一般シンポジウム S29	一般シンポジウム S30	一般シンポジウム S31★	ジョイントシンポジウム JS05★	一般シンポジウム S32★	一般口頭発表(化学系)	一般口頭発表(生物系)	一般口頭発表(医療系)
10:30	10:30~11:30 特別講演 SL04 岡野 栄之	30-211-am06 30-211-am15 生理活性物質②/ 酵素一般 生体分子/その他	境界を超える融合研究: 次世代が切り拓く 創薬モダリティと 分子計測	ダイバーシティの 新潮流: ダイバーシティ マネージメントと 活躍する女性の視点 (ダイバーシティ 推進委員会)	環境・衛生部会 若手研究者 シンポジウム ~核内受容体 機能の複旦による生体影響 研究の最前線~	医薬品評価法の ヒト外挿性向上 へのアプローチ	有機フッ素化合物 PFAS最前線: 基礎研究から 健康影響、国内外 の規制動向まで (日本薬学会 皮膚科薬外用薬学会 共催)	専門性を活かした 病態医療における 薬剤師のあるべき姿 ~技術開発から 治療応用まで~ (日本薬学会 皮膚科薬外用薬学会 共催)	グノム編集技術 が切り拓く 未来医療 ~技術開発から 治療応用まで~	30-411-am04 30-411-am13 生薬学・天然物 化学/遺伝子・ 生合成	30-412-am06 30-412-am14 微生物の分類・ 進化・構造・生理・ 遺伝・変異/ ウイルス① ウイルス②	30-413-am06 30-413-am15 医療疫学① 医療疫学②
11:30												
11:45												
12:00												
12:15			ランチョン セミナー LS13	ランチョン セミナー LS14	ランチョン セミナー LS15	ランチョン セミナー LS16			ランチョン セミナー LS17			
12:30			富士フィルム和光 純薬株式会社	一般社団法人 偽造医薬品等 情報センター	SBIファーマ 株式会社	公益財団法人 MR認定センター			株式会社JSOL			
12:45												
13:00												
13:15	13:15~14:15 薬学会賞 受賞講演 AL04 林 良雄	13:15~15:15 一般口頭発表 (生物系) 30-211-pm01 30-211-pm10	13:15~15:15 一般シンポジウム S36	13:15~15:15 一般シンポジウム S37	13:15~15:15 一般シンポジウム S38	13:15~15:15 一般口頭発表 (医療系) 30-304-pm01 30-304-pm10	13:15~15:15 一般シンポジウム S39★	13:15~15:15 一般シンポジウム S40★	13:15~15:15 一般シンポジウム S41	13:15~15:15 一般口頭発表 (化学系) 30-411-pm01 30-411-pm10	13:15~15:15 ORAL (Bio) 一般口頭発表 (生物系) 30-412-pm01 30-412-pm10	13:15~15:15 ORAL (Chem) 一般口頭発表 (化学系) 30-413-pm01 30-413-pm10
13:30			物理系薬学部会 シンポジウム: 物理系薬学の 羅針盤	生物系薬学部会・ 微生物シンポジウム マイクロバイオーム から臨検 新しい病態の理解と 新規治療戦略	環境・衛生部会 シンポジウム ~化学物質による神経毒性の メカニズムと 生体システム 応答~	創薬研究への 応用を目指した in vitro 腫瘍・肝臓器 モデルの開発 ~生体模倣システム・ オルガノイド 研究の最前線~	創薬研究への 応用を目指した in vitro 腫瘍・肝臓器 モデルの開発 ~生体模倣システム・ オルガノイド 研究の最前線~	地域医療薬学の 基礎と実践: 望ましい地域 医療薬学の推進 ~ニューロフロンティア	外来性RNAに 対する防御機構 解明が切り拓く RNA創薬の ニューロフロンティア	生薬学・天然物化学/ 遺伝子・生合成 生薬学・天然物化学/ 遺伝子・生合成/ その他	内分泌系・代謝系 内分泌系・代謝系/ 平滑筋・骨格筋/骨・ 関節/薬理ゲノミクス	医薬品設計③ 医薬品設計④
14:00												
14:30	14:30~15:30 特別講演 SL07 坂口 志文	生体膜・オルガネラ・ 物質輸送① 生体膜・オルガネラ・ 物質輸送②				薬剤管理指導/ 調剤薬局・在宅医療・ 地域医療① 調剤薬局・在宅医療・ 地域医療②						
14:45												
15:00												
15:15												
15:30		15:30~17:54 一般口頭発表 (生物系)	15:30~17:30 一般シンポジウム S44	15:30~17:30 一般シンポジウム S45★	15:30~17:30 一般シンポジウム S46	15:30~17:30 一般シンポジウム S47	15:30~17:30 一般シンポジウム S48	15:30~17:30 一般シンポジウム S49★	15:30~17:30 一般シンポジウム S50	15:30~17:18 ORAL (Chem) 一般口頭発表 (化学系) 30-411-pm11 30-411-pm19	15:30~17:42 一般口頭発表 (生物系) 30-412-pm11 30-412-pm19	15:30~17:30 一般口頭発表 (化学系) 30-413-pm11 30-413-pm20
15:45	15:45~16:45 特別講演 SL08 田中 耕一	30-211-pm11 30-211-pm22 免疫・生体防御③ 免疫・生体防御④/ 発生・形態形成/ その他	バイオメテカ 研究を加速する 生体分子分析 技術の最先端 ~分析系若手 シンポジウム 2024~	毒性終末 糖化産物 (Toxic AGEs, TAGE) と健康	マイクロ・ ナノプラスチック 研究の最前線 ~ヒトリスク評価 に向けた取り組み と課題~	3D培養を用いた 生体模倣システム (MPS) ~医薬品・化学 物質等の新規評 価手法の開発、 そして代替法への 挑戦~	微粒子との環境 共生研究 up-to-date 2024	医療の最適化に 向けた医薬品の リスク最小化へ のアプローチ	抗ウイルス感染症 研究のフロンティア ~多角的な 抗ウイルス 研究が生み出す シナジー	生薬学・天然物化学/ その他 生薬学・天然物化学/ テルペノイド/ アルカロイドおよび含 窒素化合物	【細胞の構造と機能】 細胞接着 【細胞の構造と機能】 ストレス	ケミカルバイオロジー ③ ケミカルバイオロジー ④
16:00												
16:15												
16:30												
16:45												
17:00	17:00~18:00 特別講演 SL09 松島 綱治											
17:15												
17:30												
17:45												
18:00												
18:30	懇親会(開場18:00 開宴18:30 横浜ロイヤルパークホテル)											

会議センター										Exhibition Hall						
414会場	415会場	416会場	417会場	418会場	419会場	501会場	502会場	503会場	511会場	Poster Presentation						
414	415	416	417	418	419	501	502	503	511+512	1F						
4F	4F	4F	4F	4F	4F	5F	5F	5F	5F	1F						
8:30～9:18 一般口頭発表 (医療系) 30-414-am01 30-414-am04 ADME/その他	8:30～9:30 一般口頭発表 (医療系) 30-415-am01 30-415-am05 【病態生理学】 がん①	8:30～9:30 一般口頭発表 (生物系) 30-416-am01 30-416-am05 受容体・チャネル・ トランスポーター①	8:30～9:42 一般口頭発表 (物理系) 30-417-am01 30-417-am06 インフォマティクス・ 計算機科学	8:30～9:18 一般口頭発表 (医療系) 30-418-am01 30-418-am04 【病態生理学】病態モデル①	8:30～9:18 一般口頭発表 (医療系) 30-419-am01 30-419-am04 【病態生理学】病態モデル②		8:30～10:30 一般シンポジウム S35 Frontiers in Synthetic and Medicinal Chemistry 2024 (化学系薬学部会・ 医薬化学部会 合同シンポジウム)	9:00～10:00 特別講演 SL06 Isaac M. Chiu E	8:30～9:30 一般口頭発表 (医療系) 30-511-am01 30-511-am05 医薬品適正使用①	8:30～12:00 一般ポスター発表 (化学系) 30P-am001 30P-am120 30P-am121 30P-am175 (生物系) 30P-am176 30P-am292 30P-am498 30P-am499 (環境・衛生系) 30P-am293 30P-am337 (医療系) 30P-am338 30P-am477 (その他) 30P-am478 30P-am497 【説明時間】 偶数：9:45～10:45 奇数：10:45～11:45	8:30 9:00 9:15 9:30 9:45 10:00 10:15 10:30 10:45 11:00 11:15 11:30 11:45 12:00					
9:45～11:45 一般口頭発表 (医療系) 30-414-am05 30-414-am14 消化管吸収① 消化管吸収②	9:45～11:45 一般口頭発表 (医療系) 30-415-am06 30-415-am15 【病態生理学】 がん② 【病態生理学】 がん③、 薬理活性	9:45～11:45 ORAL (Bio) 一般口頭発表 (生物系) 30-416-am06 30-416-am15 受容体・チャネル・ トランスポーター②/ 細胞内情報伝達①/ 細胞内情報伝達②/ 薬物代謝	9:45～11:45 一般口頭発表 (物理系) 30-417-am07 30-417-am16 構造と計算化学 バイオイメージング①	9:45～11:45 一般シンポジウム S33 胎盤機能に関する 基礎・臨床的研究 と創薬研究への 展開	9:45～11:45 一般シンポジウム S34 生活習慣病に関 連する健康被害 ならび腎-心-血管 系障害とカテコ ル-0-メチル転移 酵素不全	9:45～11:45 ジョイント シンポジウム JS06★ 医薬品の安全性を 高める連携の力 (日本薬学会、 日本医薬品安全性 学会 共催)			9:45～11:45 一般口頭発表 (医療系) 30-511-am06 30-511-am15 薬物治療 (基礎)① 薬物治療 (基礎)②		12:00～13:00 ランチョン セミナー LS18 株式会社トップ	12:00～13:00 ランチョン セミナー LS19 一般社団法人 バイオロジクス研究・ トレーニングセンター	12:00～13:00 ランチョン セミナー LS20 株式会社じほう	12:00～13:00 ランチョン セミナー LS21 株式会社 島津製作所	12:00～13:00 ランチョン セミナー LS22 日本ガイシ 株式会社	12:15 12:30 12:45 13:00
13:15～15:15 一般口頭発表 (化学系) 30-414-pm01 30-414-pm10 反応開発/ 芳香族化合物① 反応開発/ 芳香族化合物②/ 反応開発/ 脂質族化合物②	13:15～15:15 一般口頭発表 (化学系) 30-415-pm01 30-415-pm10 合成・その他/ ヘテロ原子化合物 合成・その他/ ヘテロ原子化合物 ・核酸類	13:15～15:15 一般口頭発表 (生物系) 30-416-pm01 30-416-pm10 中枢神経系 (疾患・治療)① 中枢神経系 (疾患・治療)/ 中枢神経系 (機能)①	13:15～15:03 ORAL (Physic) 一般口頭発表 (物理系) 30-417-pm01 30-417-pm09 HPLC②/分光分析 HPLC③	13:15～15:15 一般シンポジウム S42 卒業研究： 科学的探究心を 育むために	13:15～15:15 ジョイント シンポジウム JS07 疾患における分子 ネットワーク及び New Approach Methodologies (NAMs)等の安全 性評価新手法に関 するOECD等の国 際的動向について	13:15～15:15 ジョイント シンポジウム JS08★ 「第8回 臨床化学の進歩 が変える薬物治療」～高 深度解析によって疾患 源の糸口をつかむ～ (日本薬学会、 一般社団法人 日本臨床化学会 共催)	13:15～15:15 一般シンポジウム S43 薬学における 生命指向型化学 (光分子操作を 駆使した 生命現象操作)	13:15～13:55 学術振興賞 受賞講演 AL08 石川 勇人 14:05～14:45 学術振興賞 受賞講演 AL09 土居 雅夫	13:15～15:15 一般口頭発表 (化学系) 30-511-pm01 30-511-pm10 全合成/テルペン・ ステロイド② 全合成/テルペン・ ステロイド③	13:30～17:00 一般ポスター発表 (化学系) 30P-pm001 30P-pm120 (物理系) 30P-pm121 30P-pm175 (生物系) 30P-pm176 30P-pm302 (環境・衛生系) 30P-pm303 30P-pm347 (医療系) 30P-pm348 30P-pm487 (その他) 30P-pm488 30P-pm507 【説明時間】 偶数：14:45～15:45 奇数：15:45～16:45	13:15 13:30 13:45 14:00 14:15 14:30 14:45 15:00 15:15 15:30 15:45 16:00 16:15 16:30 16:45 17:00 17:15 17:30 17:45 18:00					
15:30～17:30 一般口頭発表 (化学系) 30-414-pm11 30-414-pm20 反応開発/ 脂質族化合物③ 構造と物性・その他/ 芳香族化合物	15:30～17:30 一般口頭発表 (化学系) 30-415-pm11 30-415-pm20 反応開発 ヘテロ原子化合物	15:30～17:30 一般口頭発表 (生物系) 30-416-pm11 30-416-pm20 循環器系① 循環器系②	15:30～17:30 一般口頭発表 (物理系) 30-417-pm10 30-417-pm19 放射性医薬品① 放射性医薬品②	15:30～16:00 奨励賞受賞講演 AL14 鳥海 尚之 16:15～16:45 奨励賞受賞講演 AL15 小島 慧一 17:00～17:30 奨励賞受賞講演 AL16 前田 仁志	15:30～17:30 一般シンポジウム S51 医薬品開発の国際 競争力向上のため の国内製薬企業 水平連携	15:30～17:30 一般シンポジウム S52★ がん治療における 薬剤師の貢献と その評価 ～医療、臨床研究、 教育という視点で～	15:30～17:30 一般シンポジウム S53 AI技術とケミカル バイオロジー・有機 合成の融合が主導 する、潜在空間 分子設計の試み	15:30～16:30 一般口頭発表 (医療系) 30-503-pm01 30-503-pm05 薬物治療 (がん)① 16:50～17:30 学術振興賞 受賞講演 AL10 米澤 淳	15:30～17:30 一般口頭発表 (化学系) 30-511-pm11 30-511-pm20 全合成/テルペン・ ステロイド④ 全合成/ ヘテロ原子化合物 全合成/ 芳香族化合物② 全合成/アミノ酸・ ペプチド	16:45 17:15 17:30 17:45 18:00						
懇親会 (開場18:00 開宴18:30 横浜ロイヤルパークホテル)																

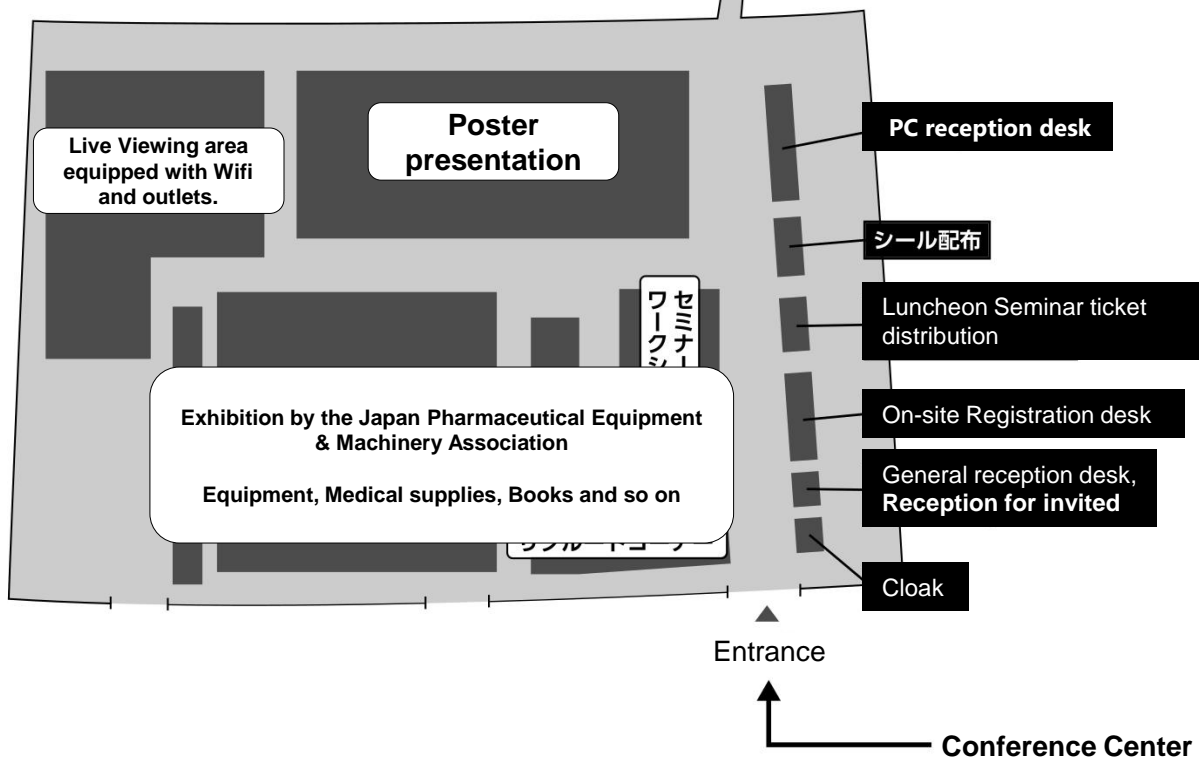
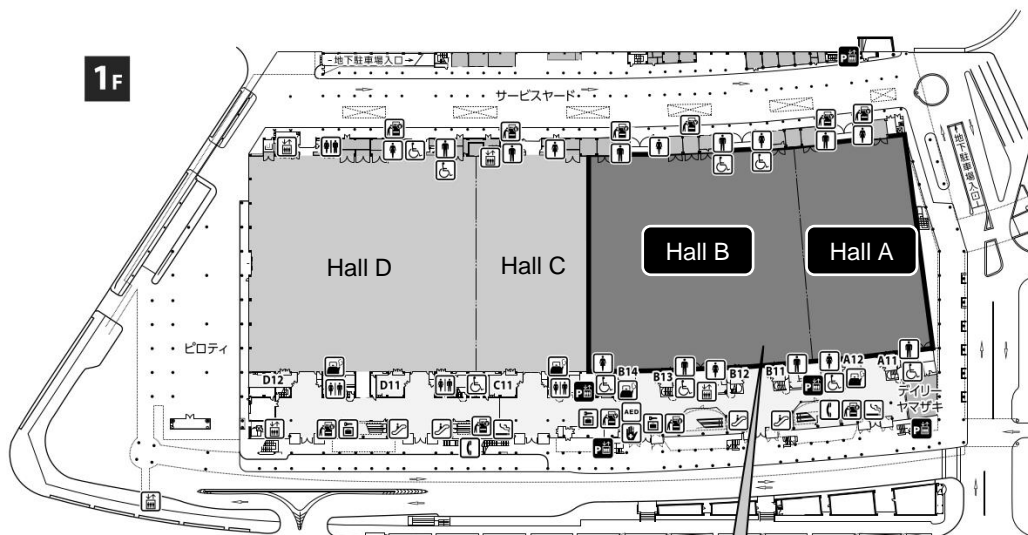
3月31日(日)

会議センター												
メイン会場	211会場	301会場	302会場	303会場	304会場	311会場	313会場	315会場	411会場	412会場	413会場	
メインホール	211+212	301	302	303	304	311+312	313+314	315	411	412	413	
1F	2F	3F	3F	3F	3F	3F	3F	3F	4F	4F	4F	
8:30												
9:00	8:30~9:18 一般口頭発表(生物系) 31-211-am01 31-211-am04 【細胞の構造と機能】 オートファジー	8:30~9:30 一般口頭発表(医療系) 31-301-am01 31-301-am05 製剤の設計・ 製造/その他	8:30~9:18 一般口頭発表(医療系) 31-302-am01 31-302-am04 リスキーマーゼンメント	8:30~9:30 一般口頭発表(医療系) 31-303-am01 31-303-am05 医薬品適正使用②/ その他	8:30~9:18 一般口頭発表(医療系) 31-304-am01 31-304-am04 経皮・経粘膜吸収	8:30~9:30 一般口頭発表(医療系) 31-311-am01 31-311-am05 遺伝子DDS①		8:30~9:30 一般口頭発表(環境・衛生系) 31-315-am01 31-315-am05 衛生化学・ 公衆衛生学①	8:30~9:30 一般口頭発表(医療系) 31-411-am01 31-411-am05 コントロールド リリース/ がん治療DDS	8:30~9:30 一般口頭発表(生物系) 31-412-am01 31-412-am05 細胞内情報伝達②	8:30~9:30 一般口頭発表(化学系) 31-413-am01 31-413-am05 天然物由来・ 生体由来医薬品・ 合成医薬品	
9:15												
9:30	9:15~10:05 学術貢献賞 受賞講演 AL07 小林 典裕											
9:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	9:45~11:45	
10:00												
10:15	一般口頭発表 (生物系)	一般シンポジウム S54★	ジョイント シンポジウム JS09★	ジョイント シンポジウム JS10★	一般シンポジウム S55	一般シンポジウム S56★	一般シンポジウム S70	一般口頭発表 (環境・衛生系)	一般口頭発表 (医療系)	一般口頭発表 (生物系)	一般口頭発表 (化学系)	
10:30	31-211-am05 31-211-am14	基礎レベルにある DDS技術のシーズ を開発ステージに 進めるために 求められること	薬学の方で 新たながん医療 を切り拓く (日本薬学会, 日本医療薬学会 共催)	ニューモダリティ 創薬を支援する ナノDDS技術の 最前線 ~難治性疾患 治療への挑戦~ (日本薬学会, 日本薬剤学会 共催)	リニア搬送技術を 活用した近未来 工場の実現	薬剤師にとって プライマリ・ケアとは ~住み慣れた場所で その人らしい 人生を支えるには~	環境・衛生部会 薬毒物試験法 シンポジウム ~死因究明と薬剤師 ~薬学教育への アプローチ~	31-315-am06 31-315-am15	31-411-am06 31-411-am15	31-412-am06 31-412-am15	31-413-am06 31-413-am15	
10:45	特別講演 SL10 間野 博行											
11:00	【細胞の構造と機能】 タンパク質分解/ オートソーム								衛生化学・ 公衆衛生学② 衛生化学・ 公衆衛生学③	がん治療DDS① がん治療DDS②	中枢神経系 (疾患・治療)② 中枢神経系 (疾患・治療)/ 中枢神経系 (機能)②	モダリティ・ 生体高分子・ バイオ医薬品① モダリティ・ 生体高分子・ バイオ医薬品②
11:15	【細胞の構造と機能】 細胞分裂・周期調節											
11:30												
11:45												
12:00												
12:15												
12:30												
12:45												
13:00												
13:15												
13:30	特別講演 SL12 二階堂 愛	一般口頭発表 (生物系)	一般シンポジウム S59★	一般シンポジウム S60★	ジョイント シンポジウム JS11★	一般口頭発表 (医療系)	一般シンポジウム S61★	一般口頭発表 (医療系)	一般口頭発表 (環境・衛生系)	一般口頭発表 (医療系)	一般口頭発表 (生物系)	一般口頭発表 (化学系)
13:45		31-211-pm01 31-211-pm09	若手研究者が防く DDS 研究の未来 ~継承、そして 進化と深化~	がん薬物療法・緩和 医療において、 薬剤師が効果的 に持続可能な 貢献をするための 方策とは?	個別化医療に 寄与する薬剤学 ~基礎および臨床/ 開発の観点から (日本薬学会, 日本薬剤学会 共催)	31-304-pm01 31-304-pm09 ADME, PK/PD トランスポーター	第8回 病院 薬剤師が実践する リバーシブル レシヨナル リサーチの最前線 ~今、必要とされて いる創薬・育薬の アプローチ~	31-313-pm01 31-313-pm10	31-315-pm01 31-315-pm10	31-411-pm01 31-411-pm10	31-412-pm01 31-412-pm09	31-413-pm01 31-413-pm10
14:00												
14:15												
14:30	特別講演 SL13 本間 正充	【生体の高次構造】 脳・神経系① 【生体の高次構造】 脳・神経系②										
14:45									衛生化学・ 公衆衛生学④ 衛生化学・ 環境科学①	TDM・投与設計 薬物治療 (個別化)①	細胞内情報伝達③ 細胞応答②	モダリティ・ 生体高分子・ バイオ医薬品③、 その他、 ターゲティング ケミカルバイオロジー ⑤
15:00												
15:15												
15:30												
15:45												
16:00	一般口頭発表 (生物系)	一般シンポジウム S64★	一般シンポジウム S65★	一般シンポジウム S66★	一般シンポジウム S68★	一般シンポジウム S67★	一般シンポジウム S67★	一般口頭発表 (医療系)	一般口頭発表 (環境・衛生系)	一般口頭発表 (医療系)	一般口頭発表 (生物系)	一般口頭発表 (化学系)
16:15	31-211-pm10 31-211-pm19	臨床的ニーズ から生まれる 製剤研究 ~「臨床」と 「製剤」の調和・ 融合による 医療への挑戦~	女性のライフ ステージと健康・ 薬学から見た 新たな視点と展望	AIで切り拓く 未来の創薬・医療	実務家教員が つなぐ、大学と 医療現場の 薬学教育と研究	第2回 薬学研究 の活性化を通じた 薬剤師の社会的 プレゼンス向上	31-313-pm11 31-313-pm19	31-315-pm11 31-315-pm19	31-411-pm11 31-411-pm20	31-412-pm10 31-412-pm20 【病態生理学】 臨床科学・ 疾病と遺伝子・ 遺伝子治療・ その他 【病態生理学】 その他	31-413-pm11 31-413-pm20 ケミカルバイオロジー ⑥ ケミカルバイオロジー ⑦	
16:30	【遺伝子・遺伝情報】 複製・修復 【遺伝子・遺伝情報】 翻訳/翻訳後修飾								環境科学② 環境科学③	薬物治療(がん)② 薬物治療(がん)③/ その他		
16:45												
17:00												
17:15												
17:30												
17:45												

会議センター										Exhibition Hall
414会場	415会場	416会場	417会場	418会場	419会場	501会場	502会場	503会場	511会場	Poster Presentation
414	415	416	417	418	419	501	502	503	511+512	Poster Presentation
4F	4F	4F	4F	4F	4F	5F	5F	5F	5F	1F
8:30~9:30 一般口頭発表 (化学系) 31-414-am01 31-414-am05 反応機構・計算科学	8:30~9:30 一般口頭発表 (化学系) 31-415-am01 31-415-am05 分子認識	8:30~9:30 一般口頭発表 (生物系) 31-416-am01 31-416-am05 皮膚・感覚器官	8:30~9:30 一般口頭発表 (物理系) 31-417-am01 31-417-am05 機能性高分子	8:30~9:30 一般口頭発表 (医療系) 31-418-am01 31-418-am05 医薬品情報①/ 製剤試験①	8:30~9:30 一般口頭発表 (医療系) 31-419-am01 31-419-am05 医薬品情報②/ 製剤試験②	8:30~9:06 一般口頭発表 (医療系) 31-501-am01 31-501-am03 薬物治療 (個別化)	8:30~9:30 一般口頭発表 (化学系) 31-502-am01 31-502-am05 構造活性相関②		8:30~9:30 一般口頭発表 (化学系) 31-511-am01 31-511-am05 反応開発	8:30~12:00 一般ポスター発表 (化学系) 31P-am001 31P-am135 (物理系) 31P-am136 31P-am188 (生物系) 31P-am189 31P-am329 (環境・衛生系) 31P-am330 31P-am363 (医療系) 31P-am364 31P-am492 31P-am506 (その他) 31P-am493 31P-am505
9:45~11:33 一般口頭発表 (化学系) 31-414-am06 31-414-am14 構造と物性/ アミノ酸・ペプチド・糖類・ 核酸類、有機金属化合物、 ヘテロ原子化合物、 芳香族化合物① 構造と物性/アミノ酸・ ペプチド・糖類・ 核酸類、有機金属化合物、 ヘテロ原子化合物、 芳香族化合物②	9:45~11:45 一般口頭発表 (化学系) 31-415-am06 31-415-am15 反応開発/ 芳香族化合物① 反応開発/ 芳香族化合物②	9:45~11:45 ORAL (Bio) 一般口頭発表 (生物系) 31-416-am06 31-416-am15 炎症・免疫系① 炎症・免疫系②	9:45~11:45 一般口頭発表 (物理系) 31-417-am06 31-417-am15 構造生物学 バイオイメージング②	9:45~11:45 理事会企画 シンポジウム OS02 長井記念薬学研究奨励 支援シンポジウム 「長井記念若手薬学 研究者賞 授賞者か らのメッセージ」	9:45~11:45 国際交流 シンポジウム IS01 次世代薬学アジア シンポジウム ケミカルバイオロ ジー1	9:45~11:45 一般シンポジウム S57 社会ニーズに対応 した先進的な薬学 教育に係る取組	9:45~11:45 一般シンポジウム S58 RNA疾患のメカ ニズムと創薬に 向けたRNA操作		9:45~11:45 ORAL (Chem) 一般口頭発表 (化学系) 31-511-am06 31-511-am15 反応開発 ヘテロ原子化合物	
									10:10~10:50 創業科学賞 受賞講演 AL21 エーザイ	
									11:00~11:40 創業科学賞 受賞講演 AL22 協和キリン	
										【説明時間】 偶数：9:45~10:45 奇数：10:45~11:45
										12:00~13:00 ランチョン セミナー LS26 I&H株式会社
13:15~15:03 一般口頭発表 (化学系) 31-414-pm01 31-414-pm09 構造と物性・ その他/ 芳香族化合物① 全合成以外の 合成、反応開発 (糖類)	13:15~15:15 一般口頭発表 (化学系) 31-415-pm01 31-415-pm10 反応開発/ ヘテロ原子化合物 反応開発/ ヘテロ原子化合物・ アルカロイド・ アミノ酸・ペプチド・ 核酸類②	13:15~15:15 ORAL (Bio) 一般口頭発表 (生物系) 31-416-pm01 31-416-pm10 炎症・免疫系③ 炎症・免疫系④	13:15~15:15 ORAL (Physic) 一般口頭発表 (物理系) 31-417-pm01 31-417-pm10 分子間相互作用 製剤物理化学①	13:15~15:15 国際交流 シンポジウム IS02 次世代薬学アジア シンポジウム クリニカルリサーチ 1	13:15~15:15 国際交流 シンポジウム IS03 次世代薬学アジア シンポジウム ケミカルバイオロ ジー2	13:15~15:15 一般シンポジウム S62 薬学部学生の 将来キャリア ～製薬企業で働く という選択肢～	13:15~15:15 一般シンポジウム S63 金属錯体・放射線 を利用する医薬品 と生体イメージング の現在と未来	13:15~13:45 奨励賞受賞講演 AL17 水野 忠快	13:15~15:15 一般口頭発表 (化学系) 31-511-pm01 31-511-pm10 全合成以外の合成	
								14:00~14:30 奨励賞受賞講演 AL18 今井 俊吾		
								14:45~15:15 女性薬学研究者奨励賞 受賞講演 AL19 高橋 葉子		
15:30~17:30 一般口頭発表 (化学系) 31-414-pm10 31-414-pm19 全合成/ アルカロイド③ 全合成/ アルカロイド④ 全合成/ テルペン・ ステロイド⑤	15:30~17:30 一般口頭発表 (化学系) 31-415-pm11 31-415-pm20 合成/ 芳香族化合物① 合成/ 芳香族化合物②	15:30~17:18 一般口頭発表 (生物系) 31-416-pm11 31-416-pm20 消化器系 薬効・安全性評価/ ファーマコトキシコ ダイナミクス/ 薬理ゲノミクス/ 中枢神経系 (機能)	15:30~16:30 一般口頭発表 (物理系) 31-417-pm11 31-417-pm15 製剤物理化学② 16:30~17:30 一般口頭発表 (医療系) 31-417-pm16 31-417-pm20 社会薬学	15:30~17:30 国際交流 シンポジウム IS04 次世代薬学アジア シンポジウム クリニカルリサーチ 2	15:30~17:30 国際交流 シンポジウム IS05 次世代薬学アジア シンポジウム ケミカルバイオロ ジー3	15:30~17:18 一般口頭発表 (医療系) 31-501-pm01 31-501-pm09 薬物治療 (臨床)① 薬物治療 (臨床)②	15:30~17:30 一般シンポジウム S69 適切な生物応答 の精密化学制御	15:30~16:00 女性薬学研究者奨励賞 受賞講演 AL20 古堅 彩子	15:30~17:42 ORAL (Chem) 一般口頭発表 (化学系) 31-511-pm11 31-511-pm21 反応開発/ ヘテロ原子化合物① 反応開発/ 芳香族化合物②	
								16:15~17:15 一般口頭発表 (医療系) 31-503-pm01 31-503-pm05 薬物治療 (がん)④		

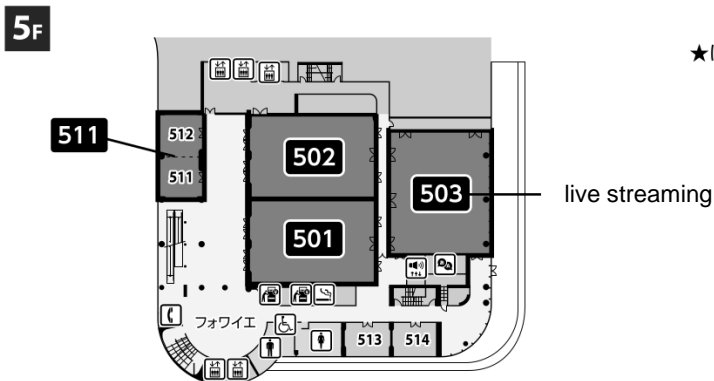
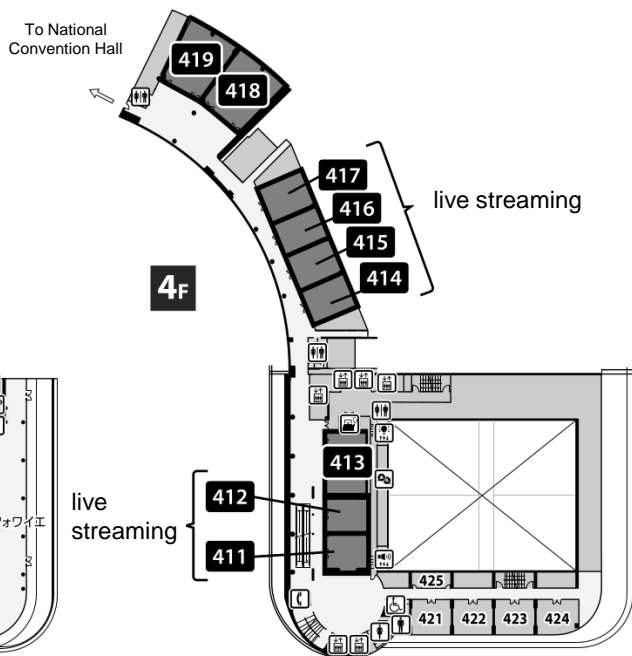
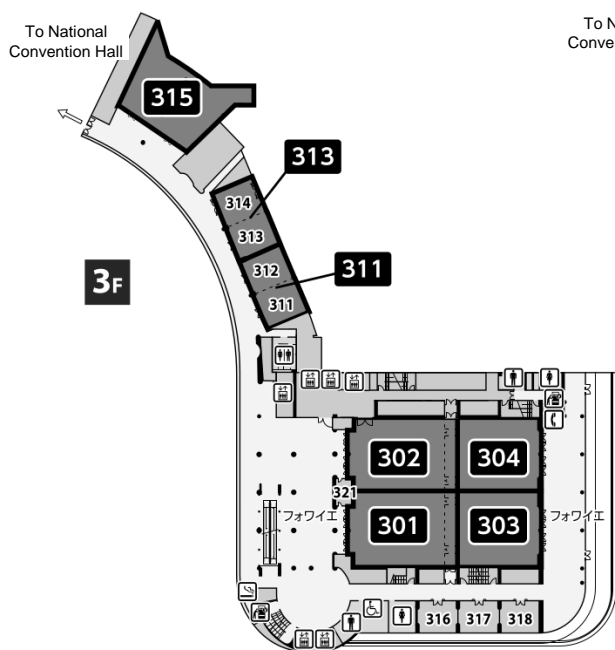
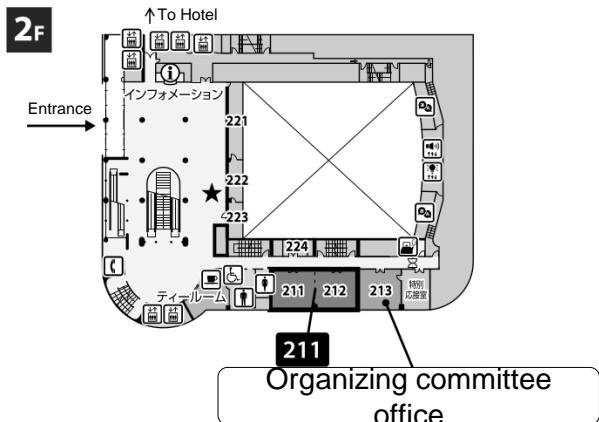
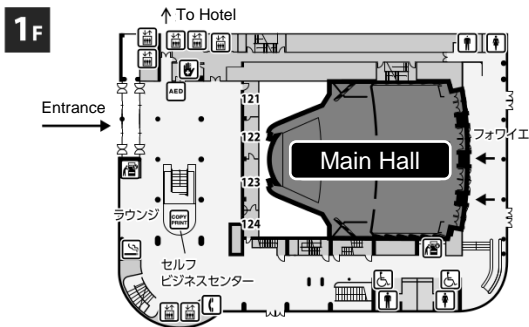
PACIFICO Yokohama

Exhibition Hall AB



Conference Center

Reception desk is located only in exhibition hall.
There is no reception desk in conference center.



★はSalon de 京都廣川書店（書籍展示）です。

International Symposium

IS01 Asia Symposium on Pharmaceutical Sciences for the Next Generation: Chemical Biology 1

Sun. Mar 31, 2024 9:45 AM - 11:45 AM [Room 419] Conference Center 419

This Next-Generation Asian Symposium convenes visionary Asian speakers whose profiles are ascending in the field of chemical biology. The goal of this symposium is to delve into the frontiers of new chemical biology technologies, showcasing pioneering advancements in natural products, bioimaging, epigenetics, small molecule exploration, proteins, and nucleic acids. Chemical biology is a basic science. However, it also serves as the genesis for novel drug modalities and associated medical technologies. By uniting the brightest minds in Asian communities, this symposium endeavors to catalyze groundbreaking ideas and breakthroughs in drug discovery. We anticipate the participation of a diverse audience, eager to explore and collaborate on the future of chemical biology and drug discovery.

IS01-1

Chemical approaches to understand and target histone epigenetics

○Xiang David Li¹

1. Dept. of Chem., The Univ. of Hong Kong

[ABSTRACT](#)

IS01-2

DNA-based epigenetic switches as targeted transcription therapeutics

○Ganesh Pandian Namasivayam¹

1. WPI-iCeMS, Kyoto University

[ABSTRACT](#)

IS01-3

Ribosomally Derived Peptide Natural Products: Case Studies of Structural and Biosynthetic Variation

○Seokhee Kim¹

1. Dept. of Chem. and NPRI, Seoul Nat. Univ.

[ABSTRACT](#)

IS01-4

Exploration and biocatalytic application of enzymes in specialized metabolism

○Kenichi Matsuda¹
1. Facult. Pharm. Sci.

ABSTRACT

IS01-5

The Biomedical Application of IDP Protein and Peptide

○Yong-Xiang Chen¹
1. Department of Chemistry, Tsinghua University

ABSTRACT

IS02 Asia Symposium on Pharmaceutical Sciences for the Next Generation: Clinical Research 1

Sun. Mar 31, 2024 1:15 PM - 3:15 PM [Room 418] Conference Center 418

Research in the clinical field of pharmaceutical science is progressing rapidly, and it is necessary to exchange opinions globally. The Pharmaceutical Society of Japan has so far concluded exchange agreements with Germany, Canada, and Taiwan, and has alternately dispatched representatives. In this symposium, Prof. Dr. Ulrich Jaehde who is president of the German Pharmaceutical Society and Dr. Peter Ruth from Germany, Dr. Sherif Hanafy Mahmoud from Canada, and Dr. Chi-An (Annie) Cheng from Taiwan, and Dr. Akihiro Hisaka from Japan will take the stage and exchange opinions on research results as representatives of each country. We look forward to exchanging opinions with the speakers and the many participants.

IS02-3

Pharmacometric analysis of symptom burden during anti-cancer drug therapy

○Ulrich Jaehde¹, Nadja Haas¹, Elli Husso¹, Eduard Schmulenson¹
1. Dept. Clinical Pharmacy, Pharm. Inst, Univ. Bonn, Germany

ABSTRACT

IS02-3

Augmented renal clearance (ARC) and drug treatment of life-threatening neurological illnesses

○Sherif Hanafy Mahmoud¹
1. Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta

ABSTRACT

IS02-3

Ca²⁺-activated K⁺ channels in patient-derived glioblastoma stem cells allow prognosis of patient survival and stratification of radiotherapy

○Peter Ruth¹

1. Dept. Pharmacology & Clinical Pharmacy, Institute of Pharmacy, Univ. Tübingen,

ABSTRACT

IS02-4

Data-Driven Long-Term Progression Analysis of Chronic Diseases by SReFT to Facilitate Personalized Medicine and Streamline Clinical Trials

○Akihiro Hisaka¹

1. Grad. Sch. Pharm. Sci., Chiba Univ.

ABSTRACT

IS03 Asia Symposium on Pharmaceutical Sciences for the Next Generation: Chemical Biology 2

Sun. Mar 31, 2024 1:15 PM - 3:15 PM [Room 419] Conference Center 419

This Next-Generation Asian Symposium convenes visionary Asian speakers whose profiles are ascending in the field of chemical biology. The goal of this symposium is to delve into the frontiers of new chemical biology technologies, showcasing pioneering advancements in natural products, bioimaging, epigenetics, small molecule exploration, proteins, and nucleic acids. Chemical biology is a basic science. However, it also serves as the genesis for novel drug modalities and associated medical technologies. By uniting the brightest minds in Asian communities, this symposium endeavors to catalyze groundbreaking ideas and breakthroughs in drug discovery. We anticipate the participation of a diverse audience, eager to explore and collaborate on the future of chemical biology and drug discovery.

IS03-1

Chemoproteomic investigation of autophagy process

○Jun-Seok Lee¹

1. Dept. Pharmacol., Korea Univ.

ABSTRACT

IS03-2

Imaging of labile heme in cells and tissues by novel fluorescent probes

○Tasuku Hirayama¹

1. Gifu Pharm. Univ.

ABSTRACT

IS03-3

Revolutionary Single Molecule Detection Frameworks: Empowering Nanomedicine and Extracellular Vesicle Research

○Chi-An (Annie) Cheng¹

1. Dep. Pharm., NTU

ABSTRACT

IS03-4

Development of single-molecule enzyme activity profiling platform for activity-based diagnosis of early stage pancreatic tumor

○Toru Komatsu¹

1. Grad. Sch. Pharm. Sci. Univ. Tokyo

ABSTRACT

IS03-5

Ultrabright ratiometric Raman-guided epilepsy surgery by intraoperatively visualizing proinflammatory microglia

○Cong Li¹

1. Sch. Pharm., Fudan Univ.

ABSTRACT

IS04 Asia Symposium on Pharmaceutical Sciences for the Next Generation: Clinical Research 2

Sun. Mar 31, 2024 3:30 PM - 5:30 PM [Room 418] Conference Center 418

This symposium will focus on new systems and data sciences in the clinical field. Dr. Kelly Grindrod from Canada, Dr. Alex C. Lin from the United States, Dr. Hsiang-Wen (Margaret) Lin and Dr. Yu-Chieh (Jack) Chen from Taiwan, and Dr. Rho Inose and Dr. Yuta Tamemoto from Japan will give lectures. System development and data science will open new doors in the field of medical pharmacy. Let's discuss together.

IS04-1

Smart design: Exploring the role of interdisciplinary collaborations in technology research and design for healthcare

○Kelly A. Grindrod¹

1. School of Pharmacy, University of Waterloo

ABSTRACT

IS04-2

The Pharmacy 5.0 Framework: A New Paradigm to Accelerate Innovation for Large-Scale Personalized Pharmacy Care and Its Applications

○Alex C. Lin¹, Mina Gabriel¹, Andrew M. Ferguson¹, Yazeed Ghawaa^{1,2}

1. The James L. Winkle College of Pharmacy, University of Cincinnati, Cincinnati, Ohio, USA,
2. Department of Clinical Pharmacy, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia

[ABSTRACT](#)

IS04-3

Prediction Models through Machine Learning Approaches to Facilitate Optimal Medication Use in Taiwan

○Hsiang-Wen Lin^{1,2,3}, Chen-Yuan Lin^{1,4}, Daniel Hsiang-Te Tsai^{1,5}, Bo-Yi Chen¹, Tien-Chao Lin², Guan-Lin Shen², Meng-Yu Lin², Chun-Wei Tu²

1. Sch. Pharm., Grad. Inst., Col. Pharmacy, China Medical Univ., 2. Dep. Pharm., China Medical Univ. Hosp., 3. Dep. Pharmacy System, Outcomes and Policy, Col. Pharm., Univ. Ill. Chicago, 4. Div. Hematology and Oncology, China Medical Univ. Hosp., 5. Sch. Pharm., Inst. Clinical Pharm. Pharmaceut. Sci., Col. Medi., National Cheng Kung Univ.

[ABSTRACT](#)

IS04-4

Exploring Robotic Chemotherapy Compounding: A Technology Acceptance Model (TAM)-based Perspective among Compounding Pharmacists and Pharmacy Managers in Taiwan

○Yu-Chieh (Jack) Chen¹

1. Sch. Pharm., China Medical Univ. / Dep. Pharm., China Medical Univ. Hosp.

[ABSTRACT](#)

IS04-5

Evaluation for drug safety based on real-world data

○Ryo Inose¹

1. Lab. Clinical Pharmacoepidemiology, Kyoto Pharmaceutical Univ.

[ABSTRACT](#)

IS04-6

Clinical science for drug post-marketing of small molecule drugs and antibody therapeutics based on medical big data analysis

○Yuta Tamemoto¹

1. Grad. Sch. Pharm. Sci., Chiba Univ.

[ABSTRACT](#)

IS05 Asia Symposium on Pharmaceutical Sciences for the Next Generation: Chemical Biology 3

Sun. Mar 31, 2024 3:30 PM - 5:30 PM [Room 419] Conference Center 419

This Next-Generation Asian Symposium convenes visionary Asian speakers whose profiles are ascending in the field of chemical biology. The goal of this symposium is to delve into the frontiers of new chemical biology technologies, showcasing pioneering advancements in natural products, bioimaging, epigenetics, small molecule exploration, proteins, and nucleic acids. Chemical biology is a basic science. However, it also serves as the genesis for novel drug modalities and associated medical technologies. By uniting the brightest minds in Asian communities, this symposium endeavors to catalyze groundbreaking ideas and breakthroughs in drug discovery. We anticipate the participation of a diverse audience, eager to explore and collaborate on the future of chemical biology and drug discovery.

IS05-1

Development of a simple detection method of RNA modification and its application

○Miki Imanishi¹

1. Institute for Chemical Research, Kyoto University

[ABSTRACT](#)

IS05-2

New modalities in DNA-encoded library (DEL) selections

○Xiaoyu Li¹

1. Department of Chemistry and State Key Laboratory of Synthetic Chemistry, The University of Hong Kong

[ABSTRACT](#)

IS05-3

Chemical biology and medicinal chemistry of cyclic dinucleotides

○Noriko Saito-Tarashima¹

1. Grad. School of Pharm. Sci., Tokushima University

[ABSTRACT](#)

IS05-4

Large-scale analysis of small molecule-RNA interactions and RNA alkylation reactions

○Kazumitsu Onizuka¹

1. IMRAM, Tohoku University

[ABSTRACT](#)

IS05-5

Catalysis driven by an amyloid-substrate complex

○Youhei Sohma¹

1. Wakayama Med. Univ, Sch. of Pharm. Sci

ABSTRACT

IS05-6

Biosynthesis and Chemical Synthesis of Cyclic Peptides

○Huan Wang¹

1. Sch. Chem., Nanjing Univ.

ABSTRACT

Symposium

S01 Imaging is amazing! - All imaging leads to therapy

Fri. Mar 29, 2024 9:45 AM - 11:45 AM [Room 301] Conference Center 301

As the saying goes, "Seeing is believing," information obtained by visualization is beneficial to identifying the location and size of lesions and evaluating the efficacy of treatment. In addition to its benefit in clinical settings, visualization of endogenous and exogenous molecules can lead to the elucidation of biological phenomena in the body and the optimization of treatment/diagnosis in basic and translational research. Various imaging modalities and technologies are used for visualization, and multimodal imaging has significantly contributed to the advancement of medical/pharmaceutical sciences. Imaging modalities or agents can also be applied to therapy directly or indirectly. This symposium will discuss the scientific significance of each imaging technique and address in what way each modality leads to therapy, in particular, frequently-used imaging modalities, "fluorescence," "ultrasound," "nuclear imaging," and "magnetic resonance imaging." As the theme of this symposium indicates, we would like as many meeting participants as possible to attend each presentation and recognize the amazingness of "imaging," knowing that "All imaging leads to therapy."

S01-1

Challenges in Imaging and Therapy using light.

○Mikako Ogawa¹

1. Dep. Pharm Sci., Hokkaido Univ.

ABSTRACT

S01-2

Development of novel ultrasound diagnostics and therapeutics by the combination of microbubbles and ultrasound

○Ryo Suzuki¹, Kazuo Maruyama¹

1. Fac. Pharma-Sci., Teikyo Univ.

ABSTRACT

S01-3

Development of theranostics probes targeting erythropoietin-producing hepatocellular A2 receptor expressed in cancer

○Hiroyuki Kimura^{1,2}, Kazunori Kato³

1. Kanazawa Univ., 2. Kyoto Pharm. Univ., 3. Toyo Univ.

ABSTRACT

S01-4

Smart MRI Contrast Agents for Neuroscience and Cancer Research

○Ichio Aoki¹

1. QST

ABSTRACT

S35 Frontiers in Synthetic and Medicinal Chemistry 2024 (The International Symposium organized by the Organic Chemistry Division and the Medicinal Chemistry Division of the Pharmaceutical Society of Japan)

Sat. Mar 30, 2024 8:30 AM - 10:30 AM [Room 502] Conference Center 502

With the diversification of modalities, small molecules and natural products are being recognized as an important group of molecules. Meanwhile, the development of new chemical reactions is also gaining momentum, and the chemical space for synthetic molecules is expanding. The International Symposium was organized with the aim of promoting research aimed at the creation of next-generation small- and medium-molecular medicines that actively utilize these current conditions and transcend existing frameworks. Co-organized by the Organic Chemistry Division and the Medicinal Chemistry Division of the Pharmaceutical Society of Japan, the international symposium will focus on the interface between cutting-edge synthetic organic chemistry and cutting-edge medicinal chemistry, and will be held in English with four Japanese invited speakers. Furthermore, following this international symposium, we will invite Prof. Alois Fürstner (Max-Planck-Institut für Kohlenforschung, Germany), a distinguished researcher in the field of organic chemistry, to give a special lecture. Therefore, the International Symposium and the Special Lecture are combined as one set of consecutive international symposia. By providing an international forum where

cutting-edge chemistry can be discussed, we aim to contribute to the development and enlightenment of pharmaceutical research in these fields.

S35-1

Synthetic studies of antibody-like scaffolds for mirror-image screening

○Shinya Oishi¹

1. Kyoto Pharm Univ

ABSTRACT

S35-2

Discovery of nucleoside analog effective for COVID-19

○Noriaki Minakawa¹

1. Grad. Sch. Pharm. Sci., Tokushima Univ.

ABSTRACT

S35-3

Synthesis of natural products supporting drug development

○Satoshi Yokosima¹

1. Grad. Sch. Pharm. Sci., Nagoya Univ.

ABSTRACT

S35-4

Pot economical synthesis of biologically active molecules using organocatalyst

○Yujiro Hayashi¹

1. Grad. Sch. Sci., Tohoku Univ.

ABSTRACT

Luncheon Seminar

LS01 DKSH Market Expansion Services Japan K.K.

Fri. Mar 29, 2024 12:00 PM - 1:00 PM [Room 211] Conference Center 211+212

Market challenges and solutions for sample preparation

○Jürgen Kempf¹, Shoko Ishizuki²

1. SOTAX AG, 2. DKSH MES Japan

ABSTRACT

LS25 Noster Inc.

Sun. Mar 31, 2024 12:00 PM - 1:00 PM [Room 315] Conference Center 315

Gut-brain axis : A microbiome exercise

○Christoph Thaiss¹

1. Penn

ABSTRACT

Oral Presentations

Number above title indicates: Date-Room Number-AM or PM-Order of each presentation.

Pharmaceutical Chemistry

30-511-pm09S

Development of a scalable synthetic route to the lactone fragment in agarofuran synthesis

○Wentao Wang¹, Koichi Hagiwara¹, Masayuki Inoue¹

1. Grad. Sch. Pharm. Sci., U. Tokyo

ABSTRACT

30-414-pm10S

Synthesis of *meso*-1,4-dialdehyde and its application to asymmetric Tishchenko reaction

○Runze Zhao¹, Ismiyanto¹, Da-Yang Zhou¹, Kaori Asano¹, Takayoshi Suzuki¹, Hiroaki Sasai¹, Takeyuki Suzuki¹

1. SANKEN, Osaka Univ.

ABSTRACT

31-511-pm04S

Synthetic study of DFGH-ring Analogs of Physalin-type Natural products

○XUEJIAO WEI¹, Makoto Yoritake¹, Hiroaki Matoba¹, Hirai Go¹

1. Kyushu Univ.

ABSTRACT

31-511-am15

A Rh(II)-Catalysed Electrophilic Amination Strategy for the Synthesis of Heterocycle-Fused Cyclic- β -Amino Acid Derivatives

○Manoharan Ramasamy¹, Asada Yasuko¹, Noda Hidetoshi¹, Shibasaki Masakatsu¹

1. Institute of Microbial Chemistry (BIKAKEN)

ABSTRACT

31-511-pm19

Continuous Flow Synthesis of Aryl Alkynes Using Ligand-free Heck-Cassar Couplings

○GAURAV JYOTI DUTTA KALITA¹, TAKASHI IKAWA¹, TSUYOSHI YAMADA¹, HIRONAO SAJIKI¹

1. GIFU PHARMACEUTICAL UNIV.

ABSTRACT

31-414-am12S

Conformational Switching Molecules Based on Amide *Cis-Trans* Isomerization Induced by S-S Bond Formation

○Yuhe Cheng¹, Yuko Otani¹, Tomohiko Ohwada¹, Tadashi Hyodo², Kentaro Yamaguchi²
1. Grad. Sch. Pharm. Sci., the Univ. Tokyo, 2. Dep. Pharm. Sci., Tokushima Bunri Univ.

ABSTRACT

31-414-am14S

Modification of Linear Peptides through *N*-*o*-nitrobenzylation: Impact on Structure and Membrane Permeability

○Zhihan Huang¹, Mayumi Ishii¹, Eri Watanabe¹, Kayoko Kanamitsu¹, Kempei Tai¹, Hiroyuki Kusuvara¹, Tomohiko Ohwada¹, Yuko Otani¹

1. Grad. Sch. Pharm. Sci., Tokyo Univ.

ABSTRACT

29-411-am01S

Structure-function analysis of a novel cysteine dioxygenase SbzM in the biosynthesis of sulfonamide antibiotics altemicidin

○Yuhao Zhu¹, Takahiro Mori^{1,2}, Takayoshi Awakawa^{1,3}, Ikuro Abe^{1,2}

1. Grad. Sch. Pharm. Sci., The Univ. Tokyo, 2. CRIIM, The Univ. Tokyo, 3. RIKEN Center for Sustainable Resource Science (CSRS)

ABSTRACT

29-411-pm11S

Flavonoid-O-Glycosides in Heat-Clearing Traditional Chinese Medicine: Bridging Ancient Wisdom and Modern Medicinal Research

○Huong-Giang Le¹, Kuei-Hung Lai^{1,2}

1. PhD Program in Clinical Drug Development of Herbal Medicine, Coll. Pharm., Taipei Medical Univ., 2. Grad. Instit. Pharmacognosy, Coll. Pharm., Taipei Medical Univ.

ABSTRACT

29-411-pm17

Anti-leishmanial activity of dichloroimines and related sesquiterpenoids from Okinawan marine sponges

○Trianda Ayuning Tyas¹, Hina Shinjoh¹, Kanta Suwa¹, Shogo Hokama¹, Ryo Kimura², Natsuki Matuura², Yudai Ueda², Kanami Mori-Yasumoto², Yasuhiro Hayashi³, Mina Yasumoto-Hirose⁴, Junichi Tanaka¹, Takahiro Jomori¹

1. Fac. Sci., Univ. Ryukyus, 2. Fac. Pharmaceut. Sci., Tokyo Univ. Sci., 3. Fac. Agriculture, Univ. Miyazaki, 4. Tropical Technology Plus

ABSTRACT

29-411-pm19

Secondary metabolites and anti-lipid droplet accumulation activity from the tea plant, *Camellia formosensis*

○Shiou-Ling Li¹, Chia-Hung Yen^{2,3}, Hsun-Shuo Chang^{1,3}

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Grad. Inst. Natural Products, Kaohsiung Medical Univ., 3. Drug Development and Value Creation Research Center, Kaohsiung Medical Univ.

ABSTRACT

29-411-pm20

Chemical constituents and anti-inflammatory activity from the stem of *Plinia cauliflora* (Jaboticaba)

○Wan-Chen Hsu¹, Ju-Hsin Cheng¹, Tsong-Long Hwang², Ho-Cheng Wu^{1,3}, Horng-Huey Ko^{1,4}, Hsun-Shuo Chang^{1,4}

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Grad. Inst. Health Industry Technology, Chang Gung Univ. Sci. & tech. 3. Grad. Inst. Pharmacognosy, Taipei Medical Univ., 4. Drug Development and Value Creation Research Center, Kaohsiung Medical Univ.

ABSTRACT

30-411-pm12

Exploration of secondary metabolites and their anti-inflammatory activity from coastal plant *Scaevola taccada* using molecular networking approach

○Mo-Yen Hsu¹, Ho-Cheng Wu^{1,2}, Tsong-Long Hwang³, Andrea Gu^{2,4}, Hsun-Shuo Chang^{1,5}

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Grad. Inst. Pharmacognosy, Taipei Medical Univ., 3. Grad. Inst. Health Industry Technology, Chang Gung Univ. Sci. & tech., 4. Institute of Fisheries Science, National Taiwan Univ., 5. Drug Development and Value Creation Research Center, Kaohsiung Medical Univ.

ABSTRACT

30-411-pm13

Unique terpenoid derivatives from the leaves of *Syzygium tripinnatum* and their anti-inflammatory activity

○Wei-Ru Hsieh¹, Chia-Hung Yen^{2,3}, Tsong-Long Hwang⁴, Chien-Ju Lin¹, Hsun-Shuo Chang^{1,3}

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Grad. Inst. Natural Products, Kaohsiung Medical Univ., 3. Drug Development and Value Creation Research Center, Kaohsiung Medical Univ., 4. Grad. Inst. Health Industry Technology, Chang Gung Univ. Sci & Tech.

ABSTRACT

30-411-pm14

Investigation of edible plant *Anredera cordifolia* by hyphenated molecular-networking strategy: phytochemistry and anti-lipid droplets accumulation activity

○Ju-Hsin Cheng¹, Ho-Cheng Wu^{1,2}, Chia-Hung Yen^{3,4}, Andrea Gu^{2,5}, Hsun-Shuo Chang^{1,4}

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Grad. Inst. Pharmacognosy, Taipei Medical Univ., 3. Grad. Inst. Natural Products, Kaohsiung Medical Univ., 4. Drug Development and Value Creation Research Center, Kaohsiung Medical Univ., 5. Inst. Fisheries Sci., National Taiwan Univ.

ABSTRACT

30-411-pm15

New skeleton compounds from the leaves of *Syzygium simile* exhibit anti-lipid droplet accumulation and anti-inflammatory activity

○Yu-Chun Lin¹, Ching-Ju Yang^{1,2}, Chia-Hung Yen^{3,4}, Tsong-Long Hwang⁵, Yueh-Hsiung Kuo⁶, Hsun-Shuo Chang^{1,4}

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Dep. Pharmacy, Kaohsiung Municipal Siaogang Hospital 3. Grad. Inst. Natural Products, Kaohsiung Medical Univ., 4. Drug Development and Value Creation Research Center, Kaohsiung Medical Univ., 5. Grad. Inst. Health Industry Technology, Chang Gung Univ. Sci. & tech. 6. Dep. Chinese Pharmaceutical Sciences and Chinese Medicine Resources, Chinese Medicine Research Center, China Medical Univ.

ABSTRACT

30-411-pm16S

Limonoids from the dried root barks of *Dictamnus dasycarpus*

○Yingchao Wang^{1,2}, Kouharu Otsuki¹, Bingyang Zhang², Tie Yao², Takashi Kikuchi¹, Feng Qiu², Wei Li¹

1. Fac. Pharm. Sci., Toho Univ., 2. Tianjin Univ. Traditional Chinese Medicine

ABSTRACT

29-413-pm03S

Structure-activity relationship (SAR) study of hydrophobic moiety of nonsecosteroidal VDR ligands using diphenylsilane scaffold

○Hansaka Nirupama Thilakarathne Narasinghe Mudiyanse^{1,2}, Takashi Misawa³, Yosuke Demizu³, Yuya Hanazono², Nobutoshi Ito², Hiroyuki Kagechika¹, Shinya Fujii¹

1. Institute of Biomaterials and Bioengineering, Tokyo medical and Dental Univ., 2. Medical Research Institute, Tokyo Medical and Dental Univ., 3. National Institute of Health Sciences

ABSTRACT

30-413-pm05S

Evaluation of Target Protein Degradation Activity and Physicochemical Properties of Trivalent PROTACs Based on Brd4 Degradator MZ1

○Yifan Huang¹, Marina Sampei², Hiromasa Yokoe^{2,3}, Fumiaki Ohtake^{2,4}, Naoki Kanoh^{2,3}

1. Graduate Sch. Pharmaceut. Sci., Hoshi Univ., 2. Sch. Pharm. and Pharmaceut. Sci., Hoshi Univ., 3. Institute of Medicinal Chemistry, Hoshi Univ., 4. Institute for Advanced Life Sciences, Hoshi Univ.

ABSTRACT

30-413-pm10

Targeting transcription factors with PROTACS: the FOXM1 protein

○Carlos A Velázquez¹, Gordon Chan², Adam Karpf³, Antonio Vega-Medina¹, Erika Loredó-Calderon¹

1. Fac. Pharm. & Pharm. Sci., U. of A., 2. Fac. Med. Dent., U. of A., 3. Univ. Nebraska, Med. Centre.

ABSTRACT

31-413-am03S

Discovery of hydrophobic tag-based degraders targeting lysine-specific demethylase 1

○SHENGWANG YU¹, Yasunobu Yamashita¹, Yuri Takada¹, Yukihiro Itoh¹, Takayoshi Suzuki¹

1. SANKEN, Osaka Univ.

ABSTRACT

31-413-am04S

Enhancing T-cell activation: Synthesis of *meta*-carboranes regulating CD28 binding to SH2 domains of Grb2 and PI3K

○YUJIE SHAO¹, Yasunobu Asawa¹, Shuhei Ogawa², Saki Ochi³, Atsushi Yoshimori⁴, Masayuki Oda³, Hiroyuki Nakamura^{1,5}

1. Sch. Life Sci. & tech., Tokyo Institute of Technology., 2. Research Institute for Biomedical Sciences, Tokyo Univ. Science., 3. Graduate Sch. Life and Environmental Sciences, Kyoto Prefectural Univ., 4. Institute for Theoretical Medicine, Inc., 5. Institute of Innovative Research, Tokyo Institute of Technology

ABSTRACT

31-413-am05

Direct Catalytic Enantioselective Conjugate Addition of α -Substituted Benzyl

Nitriles to Alkyl Acrylates

○ Sadhanendu Samanta¹, Jin Cui^{1,2}, Yasunari Otsuka¹, Takumi Watanabe¹, Masakatsu Shibasaki¹

1. Institute of Microbial Chemistry (BIKAKEN), 2. Center for Innovative Drug Discovery, Greater Bay Area Institute of Precision Medicine (Guangzhou), Sch. Pharm., Fudan Univ.,

ABSTRACT

Pharmaceutical Physics

31-417-pm07

Delayed release drug delivery system and kinetic release model of a novel herbal remedy coated pellets for the treatment of fever from National List of Essential Medicine

○ Nuntika Prommee¹, Neal M. Davies², Vijay Somayaji², Arunporn Itharat³, Raimar Löbenberg²

1. Div. Applied Thai Traditional Medicine, Fac. Public Health, Naresuan Univ., 2. Fac. Pharmacy and Pharmaceut. Sci., Kates Centre for Pharmacy and Health Research, University of Alberta, 3. Center of Excellence in Applied Thai Traditional Medicine, Fac. Medicine, Thammasat University (Rangsit campus)

ABSTRACT

29-417-pm03

Synthesis of polymerized quinone labeled antibody and its use as a versatile platform for signal multiplication in immunoassay

○ Mahmoud Hamed El-Maghrabey^{1,2}, Fatema Kaladari¹, Rania El-Shaheny², Naoya Kishikawa¹, Naotaka Kuroda¹

1. Graduate Sch. Biomedical Sciences, Nagasaki Univ., 2. Fac. Pharmacy, Mansoura Univ.

ABSTRACT

29-417-pm04

Comparison of switchable hydrophilicity solvent and switchable deep eutectic solvents for extraction of allergenic aldehydes in massage oil followed by GC-FID

○ HSIAO-CHIAO HUNG¹, CHIA-HSIEN FENG^{*1,2}

1. Coll. Pharm., Kaohsiung Medical Univ., 2. Master Degree Program in Toxicology, Coll. Pharm., Kaohsiung Medical Univ.

ABSTRACT

29-417-pm05

Combination of dispersive liquid–solid microextraction method and fluorescent light-up probe for determination of histamine by microplate spectrometer

○ Fang-Yi Liao¹, Chia-Hsien Feng^{*2}

1. Sch. Pharm., Coll. Pharm., Kaohsiung Medical Univ., 2. Coll. Pharm., Kaohsiung Medical Univ.

ABSTRACT

30-417-pm05

Establishment of a New Method for Analysis of Branched-chain Amino Acids

by Liquid Chromatography

○ TSAI-PING CHIANG¹, CHI-YU LU*²

1. Coll. Pharm., Kaohsiung Medical Univ., 2. Coll. Med., Kaohsiung Medical Univ.

ABSTRACT

29-417-pm16S

Improving proteome identification using narrow isolation windows with Zeno SWATH Data-Independent Acquisition

○ Kongxin Gu¹, Takumi Yamamoto¹, Haruka Kumabe¹, Naoto Tashiro², Takeshi Masuda³, Shingo Ito^{1,2,4}, Sumio Ohtsuki^{1,2,4}

1. Grad. Sch. Pharm. Sci., Kumamoto Univ., 2. Sch. Pharm., Kumamoto Univ., 3. Institute for Advanced Biosciences, Keio Univ., 4. Fac. Life Sci., Kumamoto Univ.

ABSTRACT

Pharmaceutical Biology

29-211-am01

FcγRIIIa binding affinity analysis of homogeneous asymmetric glycosylated IgG

○ Methanee Hiranyakorn¹, Saeko Yanaka^{2,3}, Atsuji Kodama³, Shogo Iwamoto⁴, Asako Hoshino⁴, Koichi Kato^{3,5,6}, Shino Manabe^{1,7}

1. Sch. Pharm. and Pharmaceut. Sci., Hoshi Univ., 2. Fac. Pharmaceut. Sci., Kyushu Univ., 3. Exploratory Research Center on Life and Living Systems (ExCELLS), 4. Fushimi Pharmaceutical Co. Ltd., 5. Institute for Molec

ABSTRACT

30-211-am01

Assessment of the bioactivity of soybean seed extraction in wound Healing

○ Yi-Shan Liu^{1,2,3}, Ju-Fang Wu^{4,3}, Chien-Jung Huang⁵, Po-Chuen Shieh³

1. Dep. Dermatology, E-Da Hospital, 2. Coll. Med., I-Shou Univ., 3. Dep. Pharmacy, Tajen Univ., 4. Dep. Pharmacy, Kaohsiung Municipal United Hospital, 5. Dep. Chemical

Engineering and Institute of Biotechnology and Chemical Engineering, I-Shou Univ.

ABSTRACT

30-416-am13

Development of liquid chromatography-tandem mass spectrometry assay for assessing the in-situ toxicology of uremic compounds in an in vitro cellular model

Alaa Al-Dajani¹, ○ Tony Kiang¹

1. Fac. Pharmacy and Pharmaceut. Sci., Univ. Alberta

ABSTRACT

30-412-pm01S

Antihyperglycemic effects of *Lysiphyllum strychnifolium* leaf extract *in vitro* and *in vivo*

○ Arman S. Goli¹, Vilasinee H. Sato^{1,6}, Hitoshi Sato², Savita Chewchinda³, Jiraporn Leanpolchareanchai⁴, Jannarin Nontakham^{1,5}, Jantana Yahuafai⁵, Thavaree Thilavech³,

1. Fac. Pharmacy, Mahidol Univ., 2. Sch. Pharm., Showa Univ., 3. Fac. Pharm., Mahidol Univ., 4. Fac. Pharm., Mahidol Univ., 5. National Cancer Institute, Thailand, 6. Fac. Pharm., Mahidol Univ.

ABSTRACT

30-412-pm04

Oral Glucose Tolerance Test (OGTT) Evidence for the Property of *Salacca zalacca* (Gaertn.) Voss Seed Extract

○Vilasinee Hirunpanich Sato¹, Savita Chewchind², Arman Syah Goli¹, Jannarin Nontakham⁴, HITOSHI SATO³, Boonyadist Vongsak⁵

1. Fac. Pharmacy, Mahidol Univ., Bangkok, Thailand, 2. Fac. Pharmacy, Mahidol Univ., 3. School of Pharmacy, Showa Univ., 4. National Cancer Inst, Bangkok, 5. Fac. Pharmaceut. Sci., Burapha Univ.

ABSTRACT

31-416-am07S

Identification of chemical markers in the heat-clearing herb *Mentha canadensis* L. through chemometric analysis: An illustrative study

○Tzu-Peng Cheng¹, Huong-Giang Le², Kuei-Hung Lai², Jia-You Fang¹, Tsong-Long Hwang³

1. Coll. Med., Chang Gung Univ., 2. Coll. Pharm., Taipei Medical Univ., 3. Coll. Human Ecology, Chang Gung Univ. Sci. & Tech.

ABSTRACT

31-416-pm01S

The therapeutic potential of FSY21 as an anti-inflammatory agent by targeting formyl peptide receptor 1 in human neutrophils

○Shu-Yen Fang^{1,2}, Chun-Yu Chen³, Jia-You Fang^{1,2}, Tsong-Long Hwang^{3,4,5}

1. Coll. Med., Chang Gung Univ., 2. Coll. Med., Chang Gung Univ., 3. Dep. Anesthesiology, Chang Gung Memorial Hospital, 4. Coll. Human Ecology, Chang Gung Univ. Sci. & Tech. 5. Coll. Human Ecology, Chang Gung Univ. Sci. & Tech.

ABSTRACT

31-416-pm09S

Clofoctol elevates neutrophil immune responses through a calcium-dependent pathway

○Yi-Hsuan Wang^{1,2}, Jia-You Fang^{1,2}, Tsong-Long Hwang^{3,4}

1. Coll. Med., Chang Gung Univ., 2. Coll. Med., Chang Gung Univ., 3. Coll. Human Ecology, Chang Gung Univ. Sci. & Tech. 4. Coll. Human Ecology, Chang Gung Univ. Sci. & Tech

ABSTRACT

30-411-am14

Inhibitory effects of Triphala on CYP isoforms *in vitro* and its pharmacokinetic interactions with phenacetin and midazolam in rats

○Jannarin Nontakham^{1,2}, Pongpun Siripong², Hitoshi Sato³, Savita Chewchinda⁴, Kuntarat Arunrungvichian⁵, Jantana Yahuafai², Arman Syah Goli¹, Vilasinee Hirunpanich

1. Dep. Pharmacology, Mahidol Univ., 2. Division of Research and Academic Support, National Cancer Institute 3. Sch. Pharm., Showa Univ.

ABSTRACT

29-412-pm11S

Utilizing heme uptake system of *Acinetobacter baumannii* to develop artificial metalloproteins for antibacterial applications

○Viet Quoc Nguyen¹, Shinya Ariyasu¹, Yuichiro Aiba¹, Hiroshi Sugimoto², Osami Shoji¹

1. Grad. Sch. Sci., Nagoya Univ., 2. RIKEN SPring-8

ABSTRACT

Pharmaceutical Health Sciences and Environmental Toxicology

31-315-am01S

Selenium-binding protein (SeBP)1/2 modulate hepatic lipid metabolism through Ppara: Study using SeBP1/2-double knockout mice

○Shuangli Zhao¹, Yuko Nakashima¹, Yingxia Song¹, Renshi Li², Takayuki Koga³, Takumi Ishida⁴, Yoshitaka Tanaka¹, Yuji Ishii¹

1. Grad. Sch. Pharmaceut. Sci., Kyushu Univ., 2. China Pharmaceut. Univ., 3. Daiichi Univ. Pharm., 4. Int. Univ. Health Welfare Fukuoka

ABSTRACT

31-315-pm09S

Impact of polystyrene microplastics and nanoplastics on 3T3-L1 adipocytes: size dependent metabolic disruption

○NARAYAN SAH SONAR^{1,2}, LAXMI SEN THAKURI^{1,2}, JEONG JIN PARK², DONG YOUNG RHYU^{1,2}

1. Dep. Biomedicine, Health & Life Convergence Sciences, BK21 FOUR, Mokpo National Univ., 2. Dep. Nutraceutical Resources, Mokpo National Univ.

ABSTRACT

Pharmaceutical Health Care and Sciences

31-304-am01S

Analysis of characteristics of the stratum corneum using synchrotron infrared microscopy

○SHU MAO¹, Ikki Shibasaki¹, Yuri Ikeuchi-Takahashi¹, Yasuko Obata¹

1. Hoshi Univ.

ABSTRACT

31-304-pm01

Transfer of the biological barriers of anti-COVID-19 drugs molnupiravir, Paxlovid, and the gender effect in rats

○Tung-Hu Tsai¹, Wan-Hsin Lee¹, Chun-Hao Chang¹

1. National Yang Ming Chiao Tung Univ., Taipei, Taiwan

ABSTRACT

31-411-am02

Contrast agent-loaded alginate hydrogel for real-time hydrogel tracking and monitoring of controlled release

○Simon Matoori¹, Natalie Guirguis¹

1. Universite de Montreal

ABSTRACT

31-503-pm02S

Analysis of the effects of clone differences in anti-PD-L1 antibodies on anaphylaxis

○Ruiheng Tang¹, Riho Kume¹, Takahiro Arai¹, Rin Miyajima², Hitomi Manaka², Tomomi Kokubo¹, Yuta Tamemoto¹, Kyohei Higashi², Hiroto Hatakeyama¹

1. Grad. Sch. Pharm. Sci., Chiba Univ., 2. Grad. Sch. Pharm. Sci., Tokyo Univ. Science

ABSTRACT

Others

29-415-pm14

Evaluating the Effectiveness of Doctor of Pharmacy Program Advanced Training for Students: A Cross-Sectional Study from Saudi Arabia

○Abdullah Adnan Alhifany¹

1. Pharmaceutical Practices Department, Coll. Pharm., Umm Al-Qura Univ., Makkah, Saudi Arabia

ABSTRACT

Poster Presentations

Number above title indicates: Date-Room Number-AM or PM-Order of each presentation.

Pharmaceutical Chemistry

31P-am029

Practical Selective Monooxidation Reactions of Symmetric Dialdehydes in Mainly Aqueous Solvents

Pullaiah Kattanguru¹, Ren Ogawa¹, Yutaro Suzuki¹, ○Satomi Niwayama¹

1. Muroran Institute of Technology

ABSTRACT

29P-pm020

Effects of Reactant 1,3-Cyclohexanedione on Catalytic Reactions: Limiting the Loading Enables the Use of Less Catalyst in Spiro Ring Formations

○Muhammad Sohail¹, Fujie Tanaka¹

1. Okinawa Institute Sci. & Tech. Graduate Univ.

ABSTRACT

29P-pm024S

Catalytic Enantioselective Mannich Reactions of Ketones with Cyclic Ketimino Esters and Their Reverse Retro-Mannich Reactions to Afford

Tetrasubstituted α -Amino Acid Derivatives

○Kuan-Lin Chen¹, Fujie Tanaka¹

1. Okinawa Institute Sci. & Tech. Graduate Univ.

ABSTRACT

29P-pm044S

Hydrosilylation of Selenoesters and Its Synthetic Application

○Mustapha Kobina Abeka¹, Alex Boateng¹, Yuhei Ohta¹, Masaharu Sugiura¹

1. Dept. Pharm. Sci., Sojo Univ.

ABSTRACT

29P-pm054S

The development of trivalent bismuth catalyzed oxidative coupling for arenols

Kengo Kasama¹, ○HaoYang Dai¹, Kousuke Umezawa¹, Takayuki Yakura¹

1. Univ. Toyama

ABSTRACT

30P-pm014S

Iron-porphyrin Catalyzed Dearomative Arene Cyclopropanation Reaction

○Qitong Dai¹, Jun Ueda¹, Shingo Harada¹, Tetsuhiro Nemoto¹

1. Grad. Sch. Pharm. Sci., Chiba Univ.

ABSTRACT

29P-am106S

Development of novel covalent inhibitors for glutaminase 1

○Xiwen Xiao¹, Saki Inoue¹, Shohei Uchinomiya¹, Akio Ojida¹

1. Grad. Sch. Pharm. Sci., Kyushu Univ.

ABSTRACT

29P-am066

The chemical components and antihyperglycemic activity of pomelo "Wendan" processing byproducts

○Zi-Pei Chen¹, Kuei-Hung Lai², Shu-Yuan Chiou³, Lih-Geeng Chen¹

1. Dept. Microbiol. Immunol. Biopharm., National Chiayi Univ., 2. Ph.D. Program in Clinical Drug Develop. Herbal Medicine, Taipei Medical Univ., 3. Hualien District Agricultural Research and Extension Station, Ministry of Agriculture

ABSTRACT

29P-am068

The Discovery of Traditional Chinese Medicines Processed Technology for Killing the Enzyme and Retaining the Indicator Compound

Tian-Shung Wu¹, Hong Nhung Phan¹, Chia-Hung Wu², Yi-Hung Wu³, Mei-Ling Yang¹, ○Ping-Chung Kuo¹

1. Sch. Pharm., Coll. Med., National Cheng Kung Univ., 2. Sch. Post-Baccal. Chin. Med., China Med. Univ., 3. National Chiayi Univ.

ABSTRACT

29P-am069

Utilizing Regression-based Decision Tree to Predict Turnover Rates of Reference Substances in Scutellariae Radix within Traditional Medicine

Preparations

Shun-Xin Deng¹, San-Yuan Wang², Yu-Hung Yang³, Lih-Geeng Chen⁴, Chia-Jung Lee¹, Ho-Cheng Wu⁵, ○Ching-Chiung Wang³

1. Ph.D. Program in Clinical Drug Development of Herbal Medicine, Taipei Medical Univ., 2. Master Program in Clinical Genomics and Proteomics, Coll. Pharm., Taipei Medical Univ., 3. Sch. Pharm., Coll. Pharm., Taipei Medical Univ., 4. Coll. Life Sciences, National Chiayi Univ., 5. Grad. Inst. Pharmacognosy, Taipei Medical Univ.

ABSTRACT

29P-am076S

Optimizing Chemical Marker Selection in *Scrophularia ningpoensis* Hemsl.: A Chemometric Case Study

○Ngoc-Thac Pham¹, Huong-Giang Le¹, Tsong-Long Hwang³, Kuei-Hung Lai^{1,2}

1. PhD Program in Clinical Drug Development of Herbal Medicine, Coll. Pharm., Taipei Medical Univ., 2. Grad. Inst. Pharmacognosy, Coll. Pharm., Taipei Medical Univ., 3. Research Center for Chinese Herbal Medicine, Coll. Human Ecology, Chang Gung Univ. Sci. & Tech.

ABSTRACT

29P-pm080

The chemical compositions of Sacha Inchi (*Plukenetia volubilis* L.) seed analyzed through integrated metabolomic profiling approach

○Huynh Thanh Hao¹, Vinh-Tuyen T. Le², Hung-Yu Lin³, Kuei-Hung Lai², Ya-Lin Lee⁴, Lih-Geeng Chen⁵, Ching-Chiung Wang^{1,2}

1. Sch. Pharm., Coll. Pharm., Taipei Medical Univ., 2. PhD Program in Clinical Drug Development of Herbal Medicine, Coll. Pharm., Taipei Medical Univ., 3. Dep. Applied Chemistry, Chaoyang Univ. Tech., 4. Crop Genetic Resources and Biotechnology Div., Taiwan Agricultural Research Institute, Ministry of Agriculture 5. Dep. Microbiology, Immunology and Biopharmaceuticals, National Chiayi Univ.

ABSTRACT

29P-pm082

Identification of a β -Carboline Alkaloid from Chemoselectively Derived Vanilla Bean Extract and Its Prevention of Lipid Droplet Accumulation in Human Hepatocytes (HepG2)

○Dya Fita Dibwe¹, Nire Takeishi², Saki Oba², Akiko Sakurai², Toshihiro Sakurai¹, Takayuki Tsukui³, Hitoshi Chiba³, Shu-Ping Hui¹

1. Fac. Health Sciences, Hokkaido Univ., 2. Graduate Sch. Health Sciences, Hokkaido Univ., 3. Dep. Nutrition, Sapporo Univ. Health Sciences

ABSTRACT

29P-pm092

Anti-inflammatory Ingredients from the Seeds of *Dypsis lutescens*

○Sio-Hong Lam¹, Chia-Jui Yang¹, Cheng-Ming Tsai¹, Tsong-Long Hwang^{2,3}

1. Sch. Pharm., Coll. Med., National Cheng Kung Univ., Tainan, Taiwan, 2. Grad. Inst. Natural Products, Coll. Med., Chang Gung Univ., 3. Grad. Inst. Health Industry Tech., Chang Gung Univ. Sci. & Tech.

ABSTRACT

30P-am069S

Chemical constituents and bioactivities from the stem of Taiwanese native species *Syzygium simile*

○Shih-Yu Wang¹, Ju-Hsin Cheng¹, Tsong-Long Hwang², Chia-Hung Yen^{3,4}, Hsueh-Wei Chang⁵, Hsun-Shuo Chang^{1,4}

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Grad. Inst. Health Industry Technology, Chang Gung Univ. Sci. & tech. 3. Grad. Inst. Natural Products, Kaohsiung Medical Univ.

ABSTRACT

30P-am072

Three undescribed eudesmanolide sesquiterpenes and neuroprotective constituents isolated from the root of *Neolitsea acuminatissima*

○Siou-Ci Yang¹, Wan-Hsuan Lin², Yih-Fung Chen², Ih-Sheng Chen¹, Horng-Huey Ko^{1,3,4}

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Coll. Pharm., Kaohsiung Medical Univ., 3. Dep. Fragrance and Cosmetic Science, Kaohsiung Medical Univ., 4. Drug Development and Value Creation Center, Kaohsiung Medical Univ.

ABSTRACT

30P-am073

New drimane sesquiterpenoids isolated from fungus BF-1613 strain as SOAT inhibitors

○Elyza Aiman Azizah Nur¹, Keisuke Kobayashi¹, Hiroshi Tomoda¹, Taichi Ohshiro¹

1. Grad. Sch. Pharm. Sci., Kitasato Univ.

ABSTRACT

30P-am074

Lendenfeldaranes V–Y, new scalarane-type sesterterpenoids from the marine sponge *Lendenfeldia* sp.

○Li-Guo Zheng^{1,2}, Jui-Hsin Su², Jing-Ru Weng³, You-Ying Chen², Yuan-Bin Cheng³, Yang-Chang Wu⁴, Ping-Jyun Sung^{2,3}

1. Doctoral Degree Program in Marine Biotechnology, National Sun Yat-sen Univ., 2. National Museum of Marine Biology and Aquarium 3. Dep. Marine Biotechnology and Resources, National Sun Yat-sen Univ.

ABSTRACT

30P-am079

Potential Osteoporosis Therapeutics: Isolation and Characterization of Briarane Compounds from *Briareum stechei*

○you-ying Chen¹, Jing-Ru Weng², Jui-Hsin Su¹, Li-Guo Zheng^{1,3}, Yang-Chang Wu⁴, Ping-Jyun Sung^{1,2}

1. National Museum of Marine Biology and Aquarium, 2. Dep. Marine Biotech. and Resources, National Sun Yat-sen Univ., 3. Dep. Degree Program in Marine Biotech., National Sun Yat-sen Univ.,

ABSTRACT

30P-am080

Abietane diterpenoids from the bark of *Cryptomeria japonica* and their antifungal activities against wood decay fungi

Chi-I Chang^{1,2}, Cheng-Chi Chen³, Sheng-Yang Wang^{4,5}, Jih-Jung Chen^{6,7}, Chiy-Rong Chen⁸, Che-Yi Chao^{9,10}, Yi-Fang Tsai¹¹, Yueh-Hsiung Kuo^{11,12,13}

1. Dep. Biol. Sci. Tech., National Pingtung Univ. Sci. & Tech., 2. Research Center for Active Natural Products Development, National Pingtung Univ. Sci. & Tech., 3. Dep. Chemistry, National Taiwan Univ., 4. Dep. Forestry, National Chung-Hsing Univ., 5. Agricultural Biotech. Research Center, Academia Sinica 6. Fac. Pharm., Sch. Pharmaceut. Sci., National Yang-Ming Univ. 7. Dep. Medical Research, China Medical Univ. Hosp. 8. Dep. Life Sci., National Taitung Univ. 9. Dep. Food Nutrition and Health Biotech., Asia Univ. 10. Dep. Medical Research, China Medical Univ. Hosp., China Medical Univ. 11. Dep. Chinese Pharmaceut. Sci. & Chinese Medicine Resources, China Medical Univ. 12. Dep. Biotech., Asia Univ., 13. Chinese Medicine Research Center, China Medical Univ.

ABSTRACT

30P-pm048

Evaluation and comparison of main bioactive components and biological activity of edible and inedible parts of lychee extracted with different solvents

Yu-Tung Hsu¹, Jih-Jung Chen¹

1. National Yang Ming Chiao Tung Univ.

ABSTRACT

30P-pm050

Main bioactive components and their biological activities from the seeds of *Euryale ferox*

Jia-Hua Liang¹, Jih-Jung Chen²

1. Institute of Traditional Medicine, Sch. Medicine, National Yang Ming Chiao Tung Univ., 2. Sch. of Pharmaceut. Sci., National Yang Ming Chiao Tung Univ.

ABSTRACT

30P-pm051

Bioaffinity ultrafiltration combined with HPLC-ESI-qTOF-MS/MS for screening potential bioactive components from the fruits of *Prunus salicina* and *in Silico* analysis

Yi-Cheng Chu^{1,2,3}, Tzong-Huei Lee³, Jih-Jung Chen^{1,2}

1. Coll. Pharmaceut. Sci., National Yang Ming Chiao Tung Univ., 2. Institute of Traditional Medicine, National Yang Ming Chiao Tung Univ., 3. Institute of Fisheries Sci., Coll. Life Sci., National Taiwan Univ.

ABSTRACT

30P-pm052

Main bioactive components and their biological activities from the root of *Ampelopsis japonica*

Jih-Jung Chen^{1,2}, Jia-Hua Liang², Yi-Cheng Chu¹

1. Sch. Pharmaceut. Sci., National Yang Ming Chiao Tung Univ., 2. Inst. Traditional Medicine, Sch. Medicine, National Yang Ming Chiao Tung Univ.

ABSTRACT

30P-pm053

Bioaffinity ultrafiltration combined with HPLC-ESI-qTOF-MS/MS for screening potential bioactive components from the stems of *Dendrobium*

***fimbriatum* and *in Silico* analysis**

○Yu-Hui Hsieh¹, Wu-Chang Chuang², Ming-Chung Lee³, Jih-Jung Chen⁴

1. Sch. Life Sciences, National Yang Ming Chiao Tung Univ., 2. Sun Ten Pharmaceutical Co., Ltd, 3. Brion Research Institute of Taiwan, 4. Sch. Pharmaceut. Sci., National Yang Ming Chiao Tung Univ.

ABSTRACT

30P-pm056S

Phytochemical investigation on *Chloris virgata*

○Nurbyek Stipan^{1,2}, Toshihiro Murata¹, Javzan Batkhuu², Kenroh Sasaki¹

1. Div. Pharmacognosy, Tohoku Medical and Pharmaceutical Univ., 2. Sch. Engineering & Tech., National Univ. Mongolia

ABSTRACT

30P-pm065

Isoflavonoids from *Vuralia turcica* (Kit Tan, Vural & Kucukoduk) Uysal & Ertugrul

○Merve Sensoy^{1,2}, Vahap Murat Kutluay¹, Akito Nagatsu², Iclal Saracoglu¹

1. Fac. Pharm., Hacettepe Univ., 2. Coll. Pharm., Kinjo Gakuin Univ.

ABSTRACT

30P-pm072

Melanogenesis inhibitors from the stem and root of *Artocarpus xanthocarpus* Merr.

○JUNG YU CHANG¹, Yu Jing Jin², Yu Ting Huang², Ih Sheng Chen¹, Horng Huey Ko^{1,2,3}

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Dep. Fragrance and Cosmetic Science, Kaohsiung Medical Univ., 3. Drug Development and Value Creation Center, Kaohsiung Medical Univ.

ABSTRACT

30P-pm073

Comparative analysis of *Litsea cubeba* essential oils: solvent-free microwave extraction vs. hydrodistillation

○Yi-Wen Huang¹, Ying-Chi Lin^{1,2}, Yu-Tse Wu¹, Horng-Huey Ko^{1,3,4}

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Master Degree Program in Toxicology, Kaohsiung Medical Univ., 3. Dep. Fragrance and Cosmetic Science, Kaohsiung Medical Univ., 4. Drug Development and Value Creation Center, Kaohsiung Medical Univ.

ABSTRACT

31P-am072

Unveiling bioenergy-stimulating and electron-transporting characteristics of metabolites from *Citrus microcarpa* peels and pulps as medicated diet of sustainable energy resource

○Po-Wei Tsai¹, Timothy Jen R. Roxas², Lemmuel L. Tayo^{2,3}, Yi-Ru Lin¹, Chung-Chuan Hsueh⁴, Bor-Yann Chen⁴

1. Dept. Med. Sci. Industries, Chang Jung Christian Univ., 2. Sch. Chemical, Biological, and Materials Engineering and Sciences, Mapúa Univ., 3. Dept. Biology, Sch. Medicine and Health Sciences, Mapúa Univ., 4. Dept. Chemical and Materials Engineering, National I-Lan Univ.

ABSTRACT

31P-am073

Investigating the 1 Anti-Inflammatory and Immunoregulatory Effects of *Euphorbia hirta* and Their Relation to Anti-Fatigue and Bioenergy Generation in Post-COVID Syndrome

○Cheng-Yang Hsieh¹, Lemmuel L. Tayo^{2,3}, Zaina Allyson A. Rivera^{2,4}, Timothy Jen R. Roxas^{2,4}, Tzong-Cherng Chif⁵, Chia-Jung Lee^{6,7}, Shun-Yao Ko⁵, Po-Yu Lin⁵, Chia-Yu Li

1. Dep. Surgery, Chi Mei Medical Center, Taiwan, 2. Sch.Chemical, Biological, Materials Engineering and Sciences, Mapúa Univ., 3. Sch. Medicine and Health Sciences, Mapúa Univ., 4. Sch. Graduate Studies, Mapúa Univ., 5. Coll. Health Sciences, Chang Jung Christian Univ., 6. Coll. Pharmacy, Taipei Medical Univ., 7. Coll. Pharmacy, Taipei Medical Univ., 8. Dept. Chemical and Materials Engineering, National I-Lan Univ.

ABSTRACT

31P-am093S

Phytochemical Identification of *Dolichandrone spathacea* and Network Pharmacology-Based Prediction of Potential Mechanisms against Chronic Bronchitis

○Dang-Khoa Nguyen¹, Quoc-Dung Huynh Tran², Ching-Kuo Lee^{1,2,3}

1. Coll. Pharm., Taipei Medical Univ., 2. Ph.D. Program in Clinical Drug Development of Herbal Medicine, Coll. Pharm., Taipei Medical Univ., 3. Sch. Pharm., Taipei Medical Univ.

ABSTRACT

31P-am106

Functional analysis of bioactive unnatural cyclic peptides discovered by SELEX using the PURE system, genetic code expansion and mRNA display

○Arifur Munshi¹, Takumi Yokoyama¹, Takehiro Ando¹, Yukio Takamori¹, Daisuke Fujii¹, Santhana Vedi¹, Tong Wang¹, Mizuki Yamamoto¹, Takashi Kawakami¹

1. Yamanashi univ

ABSTRACT

31P-am107

Discovery and functional analysis of novel unnatural cyclic peptides by SELEX for hypercholesterolemia treatment

○Santhana Vedi¹, Takehiro Ando¹, Takumi Yokoyama¹, Yukio Takamori¹, Daisuke Fujii¹, Munshi Arifur¹, Tong Wang¹, Mizuki Yamamoto¹, Takashi Kawakami¹

1. Yamanashi Univ.

ABSTRACT

31P-am108

Nicolaioidesin C: A Promising Antiausterity Agent with Antitumor Efficacy in a Pancreatic Cancer Xenograft Model

○Suresh Awale¹, Juthamart Maneenet¹, Nguyen Duy Phan^{1,2}, Tsutomu Fujii², Takuya Okada^{3,4}, Naoki Toyooka^{3,4}

1. Natural Drug Discovery Laboratory, Institute of Natural Medicine, Univ., 2. Graduate Sch. Medicine and Pharmaceut. Sci., Univ., 3. Fac. Engineering, Univ., 4. Graduate Sch. Innovative Life Science, Univ.

ABSTRACT

31P-am121

Secobutanolides with anti-inflammatory activity from the stem of *Machilus zuihoensis* var. *mushaensis*

○Hsun-Shuo Chang^{1,2}, Yun-Shan Lee¹, Shiou-Ling Li¹, Tsong-Long Hwang³, Chu-Hung Lin⁴, Chien-Jung Lin⁵, Ih-Sheng Chen¹

1. Sch. Pharm., Kaohsiung Medical Univ., 2. Drug Development and Value Creation Research Center, Kaohsiung Medical Univ., 3. Grad. Inst. Health Industry Technology, Chang Gung Univ., 4. Biomedical Technology and Device Research Laboratories, Industrial Technology Research Institute, Hsinchu, Taiwan, 5. Council of Agriculture, Taiwan Forestry Research Institute

ABSTRACT

30P-pm097

A novel inhibitor of succinyl CoA:3-ketoacid CoA transferase (SCOT) with reduced brain penetration maintains glucose-lowering actions in experimental obesity

○Seyed Amirhossein Tabatabaei Dakhili¹, Kunyan Yang¹, Rabih Abou Farraj², Hamdah Al-Nebaihi¹, Christina Saed¹, Rakesh Bhat², Amanda Greenwell¹, Jordan Chan¹, Indires

1. Fac. Pharmacy and Pharmaceut. Sci., Univ. Alberta 2. Dep. Biochemistry, Univ. Alberta

ABSTRACT

29P-pm095

Identification of 2-(difluoroanilino)-chromen-4-one analogues with tumoricidal effects on multidrug-resistant cancers

○Yi-Han Chang^{1,2}, I-Ting Wu³, Chin-Chuan Hung³, Hsin-Yi Hung²

1. Institute of Chemistry, Academia Sinica, 2. Sch. Pharm., Coll. Med., National Cheng Kung Univ., 3. Coll. Pharm., China Medical Univ.

ABSTRACT

29P-pm097

Characterization of direct target proteins in the cytoplasm of ST32da, an ATF3-induced single compound

○Nain Chu Gao¹, Wei-Jan Huang¹, Heng Lin²

1. Coll. Pharm., Taipei Medical Univ., 2. Sch. Medicine, Coll. Med., Taipei Medical Univ.

ABSTRACT

29P-pm101

The omega-9 monounsaturated fatty acid in *Sapindus mukorossi* seed prevent periodontitis in animal model with ligature-induced periodontitis

○Haw-Ming Huang¹, Shih-Kai Lin¹, Li-Fu Chen¹

1. Sch. Dent., Taipei Med. Univ. Taipei, Taiwan

ABSTRACT

29P-pm103

The treatment efficiency of *Sapindus mukorossi* seed hydrosol on the periodontitis: A microbiome analysis

○Li-Fu Chen¹, Xiang-Wei Chen¹, Shih-Kai Lin¹, Haw-Ming Huang¹

1. Sch. Dent., Taipei Med. Univ. Taipei, Taiwan

ABSTRACT

29P-pm104

Anti-bacterial, anti-inflammatory and skin regeneration effects of *Sapindus mukorossi* seed water extract

○Hsuan-Yu Lai¹, Haw-Ming Huang¹

1. Sch. Dent., Taipei Med. Univ.

ABSTRACT

29P-pm109

Structural design of negative pressure-driven pharmaceutical nebulizer: A computational fluid dynamics analysis

○Hung-Chieh Wu¹, Haw-Ming Huang¹

1. Sch. Dent., Taipei Med. Univ.

ABSTRACT

29P-pm110

CFD Study of the Effect of the Angle Pattern on Iliac Vein Compression Syndrome

○Hsuam Wei Chen¹, Haw-Ming Huang²

1. Grad. Inst. Biomedical Materials and Tissue Engineering, Taipei Medical Univ., 2. Sch. Dentistry, Taipei Medical Univ., Taiwan

ABSTRACT

30P-am092

Removal of Double-Stranded RNA from In Vitro Transcribed mRNA by Reversed-Phase High-Performance Liquid Chromatography using Macroporous Resins

○Yuki Higuchi¹, Saoko Nozawa¹, Taeko Nakajima¹, Akinari Awatani^{1,2}, Takashi Sekida²

1. YMC CO., LTD., 2. VLP Therapeutics Japan

ABSTRACT

Pharmaceutical Physics

29P-pm140

Antioxidation, anti-melanin production and improvement of water solubility of *Scutellaria baicalensis* co-extracted with cyclodextrin

○Shih-Han Pan¹, Tzu-Ching Lin², Feng-Lin Yen¹

1. Coll. Pharm., Kaohsiung medical univ., 2. Coll. Pharm., Kaohsiung Medical Univ.

ABSTRACT

29P-pm141

Ursolic acid nanofibers increase the anti-breast cancer activity by enhancing water solubility and skin absorption

○Hsuan Fu¹, Feng-Lin Yen², Tzu-Hui Wu³, Chih-Peng Ma⁴

1. Coll. Pharm., Kaohsiung Medical Univ., 2. Coll. Pharm., Kaohsiung Medical Univ., 3. Sch. Pharm., Coll. Pharmacy, Tajen Univ., 4. Dept. Radiology, Pingtung Christian Hospital

ABSTRACT

29P-pm142

Enhanced Water Solubility, Antioxidant And Photoprotective Activity Of Kaempferol Nanostructured Lipid Carriers

○Cheng Yu Liu¹, Tzu Ching Lin², Feng Lin Yen¹

1. Coll. Pharm., Kaohsiung Medical Univ., 2. Coll. Pharm., Kaohsiung Medical Univ.

ABSTRACT

29P-pm143

Preparation, solubility, in vitro absorption and anti-inflammation of taxifolin nanoparticle delivery system

○CHIA-YI CHAN¹, CHUN-YIN YANG², FENG-LIN YEN¹

1. Dep. Fragrance and Cosmetic Science, Kaohsiung Medical Univ., 2. Sch. Pharm., Coll. Pharm., Kaohsiung Medical Univ.

ABSTRACT

29P-pm159S

Molecular mechanism of ligand A2L recognition by immune activation receptor LILRA2

○Jiaqi Wang¹, Atsushi Furukawa^{1,2}, Kouyuki Hirayasu^{3,4}, Rika Yamazaki¹, Hisashi Arase³, Katsumi Maenaka^{1,5}

1. Pharm. Sci., Hokkaido Univ., 2. Pharm., Kanazawa Univ., 3. Res. Inst. Microbial Diseases, Osaka Univ., 4. Adv. Preventive. Med. Sci. Res. Center., Kanazawa Univ., 5. GSD, Hokkaido Univ.

ABSTRACT

30P-am131S

Protein aggregation induced by combination of thermal and agitation

○Zekun Wang¹, Tetsuo Torisu¹, Susumu Uchiyama¹

1. Grad. Sch. Eng., Osaka Univ.

ABSTRACT

30P-pm149

Database and data mining of peptide towards quantum evolution of protein

○Masanori Yamanaka¹

1. Nihon Univ.

ABSTRACT

30P-pm155S

Impact of hydrogen bonding on P-glycoprotein efflux transport as revealed by evaluation of a de-novo prediction model

○Yulong Gou¹, Suyong Re², Kenji Mizuguchi¹, Chioko Nagao¹

1. IPR, Osaka Univ., 2. RIKEN

ABSTRACT

29P-am139

Development of A Green Analytical Method for Determination of Anticancer Ingredients in Daily Intake

○Yi-Wen Huang¹, Chia-Hsien Feng^{*2}

1. Coll. Pharm., Kaohsiung Medical Univ., 2. Coll. Pharm., Kaohsiung Medical Univ.

ABSTRACT

29P-am140

Determination of the neuroprotective dipeptides and amino acids in biological samples by microwave-assisted derivatization coupled with HPLC-UV

○Yi-Rou Wang¹, Chia-Hsien Feng^{*1}

1. Col. Pharmacy, Kaohsiung Medical Univ.

ABSTRACT

29P-am161

Serum methylglyoxal and D,L-lactate as a potential influencing factor in Taiwanese patients with multiple sclerosis

○Hsi-Chih Huang¹, Pei-Yun Tsai¹, Yu-Ning Chang¹, Jen-Ai Lee^{*1}

1. Pharm. Taipei Medical Univ.

ABSTRACT

29P-am162

Urine Metabolomics in Patients with Multiple Sclerosis in Taiwan

○Yu-Ning Chang¹, Pei-Yun Tsai¹, Hsi-Chih Huang¹, Shwu-Huey Wang², Jen-Ai Lee^{*1}

1. Pharm. Taipei Medical Univ. , 2. The Core Facility Center. Taipei Medical Univ.

ABSTRACT

31P-am159S

Proteomic and Metabolomic Features Associated with Treatment Responsiveness of Chronic Obstructive Pulmonary Disease

○Pei-Yu Hu¹, Wen-Yi Liu², Sheng-Ming Wu^{3,4,5}, Kuan-Yuan Chen^{3,4,5}, Chia-Li Han^{2,5}

1. Sch. Pharm., Coll. Pharm., Taipei Medical Univ., 2. Coll. Pharm., Taipei Medical Univ., 3. Dept. Internal Medicine, Shuang Ho Hospital, Taipei Medical Univ., 4. Sch. Medicine, Coll. Medicine, Taipei Medical Univ., 5. TMU Research Center for Thoracic Medicine, Taipei Medical Univ.

ABSTRACT

Pharmaceutical Biology

29P-pm194S

Albumin fusion to human lactoferrin inhibits lung cancer cell migration through EMT suppression

○Hana Nopia¹, Daisuke Kurimoto¹, Masahiro Kimura¹, Atsushi Sato¹

1. Graduate Sch. Bionics, Tokyo Univ. Technology

ABSTRACT

29P-pm204

The minimal upstream open reading frame of *Per2* has a role in enhancing the integrity of the physiological circadian response

○Takahito Miyake¹, Yuichi Inoue¹, Masao Doi¹

1. Grad. Sch. Pharm. Sci., Kyoto Univ.

ABSTRACT

29P-pm216S

Construction and optimization of screening system for high-precision Cas9 variants

○SHAHRAM AHMADI¹, Komari Kubota², Daisuke Matsumoto^{1,2}, Kiyomi Nigorikawa^{1,2}, Wataru Nomura^{1,2}

1. Grad. Sch. Biomed. and Health Sci., Hiroshima Univ. , 2. Sch. Pharm Sci., Hiroshima Univ.

ABSTRACT

29P-pm242S

Cisplatin induces non-canonical activation of EphA2 through the MK2-RSK signaling pathway.

○Zhou Yaling¹, Zhou Yue¹, Yokoyama Satoru¹, Horibe Sayo², Sakurai Hiroaki¹

1. Cancer Cell Biol., Grad. Sch. Pharm. Sci., Toyama Univ., 2. Kobe Pharm. Univ.

ABSTRACT

30P-pm207

Role of astrocyte-derived exosomes in hemin-induced neurotoxicity

○Hui-Ju Huang¹, Cian-Huei Lin², Yu-Li Lo³, Anya Maan-yuh Lin^{1,2,3,4}

1. Dep. Medical Research, Taipei Veterans General Hospital, 2. Institute of Physiology, National Yang Ming Chiao Tung Univ., 3. Institute of Pharmacology, National Yang Ming Chiao Tung Univ., 4. Fac. Pharm. National Yang Ming Chiao Tung Univ.

ABSTRACT

30P-pm251

Melatonin synergizes with Olaparib and promotes drug sensitivity via suppressing cancer-associated fibroblast (CAF) activation

○Yi Wen Lai^{1,2}, Cheng Wei Lin^{1,2}

1. Sch. Medicine, Coll. Med., Taipei Medical Univ., 2. Sch. Medicine, Coll. Med., Taipei Medical Univ.

ABSTRACT

29P-am262

Pharmacogenomic biomarkers for chemotherapy responsiveness identified by integrated transcriptomic analyses

○Varalee Yodsurang¹, Wathunya Hawhan¹, Krittin Pitinanon¹, Chotiphuk Kusalasaiyanon¹, Pasrawin Taechawattananant²

1. Fac. Pharm. Sci., Chulalongkorn Univ., 2. Fac. Pharm. Sci., Chulalongkorn Univ.

ABSTRACT

29P-am263

The epidermal growth factor receptor inhibitor epertinib reverses P-glycoprotein-mediated multidrug resistance in cancer cell lines

Yen-Ching Li¹, Bing-Huan Lin¹, Megumi Murakami², Suresh V Ambudkar², ○Chung-Pu Wu^{1,3,4,5}

1. Coll. Med., Chang Gung Univ., 2. Center for Cancer Research, National Cancer Institute, NIH, 3. Coll. Med., Chang Gung Univ., 4. Dep. Obstetrics and Gynecology, Taipei Chang Gung Memorial Hosp., 5. Molecular Medicine Research Center, Coll. Med., Chang Gung Univ.

ABSTRACT

29P-am265

The colony-stimulating factor 1 receptor inhibitor edicotinib improves the efficacy of cytotoxic drugs in ABCG2-overexpressing multidrug-resistant cancer cells

○Yen Ching Li¹, Yun Chieh Lee¹, Chung Pu Wu^{1,2,3,4}

1. Coll. Med., Chang Gung Univ., 2. Coll. Med., Chang Gung Univ., 3. Dep. Obstetrics and Gynecology, Taipei Chang Gung Memorial Hospital, 4. Molecular Medicine Research Center, Coll. Med., Chang Gung Univ.

ABSTRACT

29P-pm286

Optimized *Bletilla formosana* Extracts for Anti-Neutrophilic Inflammation

○Tsong-Long Hwang^{1,2}, Wu Dai-Yu Jiang^{1,2}, Ssu-Kai Lu^{1,2}

1. Research Center for Chinese Herbal Medicine, Coll. Human Ecology, Chang Gung Univ. Sci. & tech. 2. Coll. Human Ecology, Chang Gung Univ. Sci.

ABSTRACT

29P-pm291S

WHC14 in Modulating Neutrophil Activity for ARDS Treatment

○Ya-Lun Chen¹, Ssu-Kai Lu¹, Wei-Jen Cheng^{2,3,4}, Jia-You Fang¹, Tsong-Long Hwang⁵

1. Coll. Med., Chang Gung Univ., 2. Coll. Med., Chang Gung Univ., 3. Coll. Med., Chang Gung Univ., 4. Center for Traditional Chinese Medicine, Chang Gung Memorial Hospital, 5. Coll. Human Ecology, Chang Gung Univ. Sci. & Tech.

ABSTRACT

29P-pm294

The Impact of the Si-Jun-Zi-Tang Series Formulas and their Herbal Ingredients on CYP3A4 and CYP2C8

○Cheng-You Yang¹, Yu-Ju Chem², Po-Wei Tsai¹, Ching-Chiung Wang^{1,2,3}, Chia-Jung Lee^{1,2}

1. Grad. Inst. Pharmacognosy, Taipei Medical Univ., 2. Ph.D. program in Clinical Drug Development of Herbal Medicine, Taipei Medical Univ., 3. Sch. Pharm., Coll. Pharm., Taipei Medical Univ.

ABSTRACT

29P-pm295

Methanolic extract from the leaves of *Calocedrus microlepica* var. *formosana* induces cell cycle arrest and apoptosis, and inhibits invasion of glioma cells

○Chien-Ju Lin¹, Hung-Pei Tsai²

1. Sch. Pharm., Coll. Pharm., Kaohsiung Medical Univ., 2. Div. Neurosurgery, Dep. Surgery, Kaohsiung Medical Univ. Hospital

ABSTRACT

29P-pm298

Research on the Improvement of Hair Loss Conditions through Herbal Medicine.

○Po-wei Fu¹, Ching-Chiung Wang^{1,2,3}, Yu-Ju Chem³, Ya-Yi Xiao¹, Chia-Jung Lee^{1,3}

1. Grad. Inst. Pharmacognosy, Taipei Medical Univ., 2. Sch. Pharm., Coll. Pharm., Taipei Medical

Univ., 3. Ph.D. program in Clinical Drug Development of Herbal Medicine, Taipei Medical Univ.

ABSTRACT

30P-pm262

Studies of the pharmacological mechanism on anti-metastasis effects by curcumin derivatives in radio resistant colorectal cancer cells

Chien-Jung Huang¹, Chih-Hsin Hung¹, Yi-Shan Liu², ○Po-Chuen Shieh³

1. Dep. Chemical Engineering and Institute of Biotechnology and Chemical, I-Shou Univ., 2. Dep. Dermatology, E-Da Hospital & Coll. Med., I-Shou Univ., 3. Dep. Pharm., Tajen Univ.

ABSTRACT

30P-pm265S

Discovery of herbal polysaccharides with anti-aging activity and the structural analysis

○XINXIN FAN¹, YU LU^{2,1}, SIYAN LIU^{1,3}, RENSHI LI¹, BOYANG YU¹

1. China Pharmaceut. Univ., 2. Grad. Sch. Pharmaceut. Sci., Kyushu Univ., 3. Queen's Univ. Belfast

ABSTRACT

30P-pm285

Exploring prebiotics from Pulsatilla decoction

Cheng Tsai-Ying Hu¹, Huan-Yuan Chen², Meng-Shiou Lee¹, ○Ming-Kuem Lin¹

1. Depart. Chin. Pharm. Sci. & Trad. Chin. Med. Resour., 2. Instit. Biomed. Sci., Acad. Sin.

ABSTRACT

30P-pm291S

Construction of a cellular assay system that mimics corneal epithelial cells and neutrophil-induced inflammation in the presence of bacterial substances

○Zirui Zeng¹, Duo Wang³, Yuri Fujii², Tatsuya Mimura⁴, Yoshiya Tanaka¹, Yasuhiro Yoshida²

1. Dept. 1st. int. med, Univ. Occ. Env. Hlth, 2. Dept. imm and para, Univ. Occ. Env. Hlth, 3. Dept. radi. manage, Univ. Occ. Env. Hlth, 4. Dept. opht. Teikyo, Univ.

ABSTRACT

Pharmaceutical Health Sciences and Environmental Toxicology

30P-am333S

Characteristic variation of carbonaceous aerosol at a Japanese background site, Wajima from 2016 to 2021

○PENGCHU BAI¹, Xuan Zhang¹, Yan Wang¹, Lulu Zhang^{2,3}, Seiya Nagao³, Akira Toriba⁴, Ning Tang^{3,5}

1. Grad. Sch. Medical Sci., Kanazawa Univ., 2. Hubei Univ. Technol., 3. Inst. Nature and Environ. Technol., Kanazawa Univ., 4. Grad. Sch. Biomed. Sci., Nagasaki Univ., 5. Inst. Med., Pharm. and Health Sci., Kanazawa Univ.

ABSTRACT

30P-am334S

Determination of atmospheric microplastic in Kanazawa, Japan

○WANG YAN¹, Xuan Zhang¹, Pengchu Bai¹, Lulu Zhang^{2,3}, Kohei Ono⁴, Seiya Nagao³, Akira Toriba⁵, Atsushi Matsuki³, Ning Tang^{3,6,7}

1. Grad. Sch. Medical Sci., Kanazawa Univ., 2. Inst. Civil Eng., Archit. Environ., Hubei Univ. Techno , 3. Inst. Nature and Environ. Technol., Kanazawa Univ., 4. Grad. Sch. Natural Sci. and Technol., Kanazawa Univ., 5. Grad. Biomed. Sci. Nagasaki Univ., 6. Inst. of Medical, Pharm. and Health Sci., Kanazawa Univ., 7. Coll. Energy and Power, Shenyang Inst. Eng., China

ABSTRACT

31P-am359S

Investigation of cellular injury mechanisms upon 3-nitrobenzanthrone exposure

○Sz-Yu Wu^{1,2}, Chia-Li Han²

1. Sch. Pharm., Coll. Pharm., Taipei Medical Univ., 2. Coll. Pharm., Taipei Medical Univ.

ABSTRACT

Pharmaceutical Health Care and Sciences

29P-pm352

Curcumin-loaded solid self-nanoemulsifying drug delivery system (S-SNEDDS) for oral administration

○Pakorn Kraisit^{1,2}, Panida Teerapipattanapong¹, Pimrada Jaikon¹, Nichapa Ningsanonda¹, Etsuo Yonemochi³, Takayuki Furuishi³, Namon Hirun^{1,2}

1. Fac. Pharmacy, Thammasat Univ, 2. Thammasat Univ. Research Unit in Smart Materials and Innovative Technology for Pharmaceutical Applications (SMIT-Pharm), Fac. Pharm., Thammasat Univ., 3. Sch. Pharm. and Pharmaceut. Sci., Hoshi Univ.

ABSTRACT

29P-pm354S

Development of an inhalable cocrystal formulation of 4-aminosalicylic acid-isoniazid by spray-drying

○Peiwen Mo¹, Yuta Hatanaka¹, Hiromasa Uchiyama¹, Kazunori Kadota¹, Mitsunobu Doi¹, Yuichi Tozuka¹

1. Osaka Med. Pharm. Univ.

ABSTRACT

29P-pm359S

Characterization and crystal structure analysis of novel carvedilol adipate and succinate ethanol solvates

○Li Ye¹, Yohei Utsumi¹, Furuishi Takayuki¹, Takefumi Yamashita¹, Etsuo Yonemochi¹

1. Hoshi Univ.

ABSTRACT

30P-pm352

Formulation and in-vitro assessment of biocompatible pH-responsive nanogels of chitosan for sustained delivery of drug

○PAOCHU WU¹, I-Hui Chiu¹, Hamid Ullah¹

1. Kaohsiung Medical Univ., Sch. Pharm.

ABSTRACT

30P-pm361

Improve stability and cytotoxicity of self-assembled micelles to induce

apoptosis of CD44 overexpressed ovarian cancer cells

○Wen Jen Lin¹, Min-Hua Lai¹

1. Sch. Pharm., Coll. Med., National Taiwan Univ.

ABSTRACT

30P-pm373

In vitro evaluation of TROP2-based bispecific conjugate in human breast cancer cells

○Zizhang Yu¹, Kei Kawano¹, Teruaki Oku¹, Sudath Hapuarachchige², Fumiaki Sato¹, Yoshinori Kato^{1,2}

1. Hoshi Univ., 2. The Johns Hopkins Univ. Sch. Med.

ABSTRACT

30P-pm374S

Synthesis of polymer conjugates of retro-inverso bradykinin for tumor drug delivery

○Anthony Assumang¹, Hideaki Nakamura¹, Enoch Appiah¹, Mamoru Haratake¹

1. sojo univ. Facul. Pharm. Sci.

ABSTRACT

30P-am356S

Efficacy and safety of new class disease-modifying anti-rheumatic drugs: Bayesian and frequentist network meta-analysis

○Linfeng Liu¹, Mayu Onishi¹, Yuka Yoshii¹, Kaori Ambe¹, Toshiaki Makino¹, Masahiro Tohkin¹

1. Grad. Sch. Pharm. Sci., Nagoya City Univ.

ABSTRACT

30P-am369

Japanese community pharmacists' perspectives on emergency contraceptive pill regulations

○Carmen Saito¹, Eriko Kobayashi¹

1. Pharm. Sci., Josai International Univ.

ABSTRACT

29P-am489

Pervasive Rescue of Pathogenesis in Globoid Cell Leukodystrophy by AAV-mediated Gene Therapy

○Dar-Shong Lin^{1,2,3}, Tsung-Han Lee³, Zo-Darr Huang³

1. Dept of Pediatr, MacKay Memorial Hospital, 2. Dept of Med. MacKay Med. College, New Taipei, 3. Dept of Med. Res., MacKay Memorial Hospital

ABSTRACT

31P-am479S

Specific binding of uric acid to NDFIP1 associates with hyperuricemia-induced ferroptosis

○Qiunan Zhu¹, Hiroshi Arakawa¹, Yoshiyuki Shirasaka¹, Ikumi Tamai¹

1. Grad. Sch. Pharm. Sci., Kanazawa Univ.

ABSTRACT

31P-am492S

Mathematical Modeling for Potential Interaction of Zidovudine and Valproate via ER Membrane Transporter OAT2

○Shengyu Dai¹, Tomoki Nakatsuji¹, Yukio Kato¹, Hiroshi Arakawa¹

1. Grad. Sch. Pharm. Sci., Kanazawa Univ.

ABSTRACT

Others

31P-am501

Arginine methylation of DDX3 strengthen mitophagy to facilitate breast cancer metastasis

○Wen-Jing Hsu¹, Yi-Chun Chao¹, Cheng-Wei Lin¹

1. Taipei medical Univ.

ABSTRACT