

Session Information					
SESSION TITLE: Development of New Reactions and Technologies Adaptable to Process Chemistry (#366)					
SESSION TYPE: Oral - Virtual					
SESSION DAY & DATE: Sat 12/18/2021 8:00 AM					
SESSION TOPIC: (03) Organic					
SESSION HOST: Session Host: Hironao Sajiki					
SESSION NOTES: Symposium Organizers: S. Akai, T. Akiyama, Y. Hsiao, O. Onomura, H. Sajiki, S. You					
Order	Control ID	Title	Start/end time	Presenting Author	Duration
1	<a href="#">3378981</a>	Development of microwave-mediated continuous-flow dehydrogenative oxidation reaction as an energy saving hydrogen generation method	8:00 AM 8:15 AM	Sajiki, Hironao	15
2	<a href="#">3411644</a>	Process development utilizing a C-N cross-coupling approach for venetoclax	8:15 AM 8:40 AM	Ku, Yi-Yin	25
3	<a href="#">3593233</a>	Low-cost, high-throughput reaction screening method for energetic precursors through automated sample preparation and desorption electrospray ionization mass spectrometry	8:40 AM 8:55 AM	Brown, Hilary	15
4	<a href="#">3451666</a>	Practical asymmetric catalytic transformations for API synthesis	8:55 AM 9:25 AM	Qu, Bo	30
5	<a href="#">3448639</a>	Photocatalytic $\alpha$ -C-H functionalisation of unprotected primary amines	9:25 AM 9:40 AM	Cresswell, Alex	15
6	<a href="#">3451597</a>	Development of scalable and cost-effective API synthesis through chemical innovation	9:40 AM 10:10 AM	Senanayake, Chris	30
7	<a href="#">3393088</a>	One-pot 1,2- <i>trans</i> oligosaccharide synthesis using 2- <i>O</i> -alkoxymethyl donors and an airless feed tap	10:10 AM 10:25 AM	Torikai, Kohei	15
8	<a href="#">3385118</a>	Copper ion-catalyzed asymmetric desymmetrization of prochiral 1,3-diols	10:25 AM 10:50 AM	Onomura, Osamu	25
9	<a href="#">3411290</a>	Organocatalyzed formylation reactions	10:50 AM 11:20 AM	Wang, Wei	30
10	<a href="#">3447409</a>	Natural product inspired scalable methods	11:20 AM 12:00 PM	Baran, Phil	40

<b>Session Information</b>					
SESSION TITLE: Development of New Reactions and Technologies Adaptable to Process Chemistry (#366)					
SESSION TYPE: Oral - Virtual					
SESSION DAY & DATE: Sat 12/18/2021 1:00 PM					
SESSION TOPIC: (03) Organic					
SESSION HOST: Session Host: Hironao Sajiki					
SESSION NOTES: Symposium Organizers: S. Akai, T. Akiyama, Y. Hsiao, O. Onomura, H. Sajiki, S. You					
<b>Order</b>	<b>Control ID</b>	<b>Title</b>	<b>Start/end time</b>	<b>Presenting Author</b>	<b>Duration</b>
1	<a href="#">3419989</a>	Chiral phosphoric acid catalyzed reactions	1:00 PM 1:25 PM	Akiyama, Takahiko	25
2	<a href="#">3590537</a>	Deacetylation amination of acetyl arenes and alkanes under transition-metal-free conditions	1:25 PM 1:40 PM	Hyodo, Kengo	15
3	<a href="#">3418477</a>	Chiral cationic ion-pairing catalysis	1:40 PM 2:10 PM	Tan, Choon-Hong	30
4	<a href="#">3448375</a>	Titanium salalen catalysts for the enantioselective epoxidation of terminal (and other unactivated) olefins with hydrogen peroxide	2:10 PM 2:25 PM	Berkessel, Albrecht	15
5	<a href="#">3413512</a>	Preparation and reactions of <i>N</i> -unprotected ketimines	2:25 PM 2:55 PM	Ohshima, Takashi	30
6	<a href="#">3435047</a>	Practical synthesis of a variety of alkenes using new Julia-Kocienski-type reagents and their practical preparations	2:55 PM 3:10 PM	Ando, Kaori	15
7	<a href="#">3398803</a>	Contribution from pharmaceutical process chemistry to molecular diversity	3:10 PM 3:25 PM	Mizufune, Hideya	15
8	<a href="#">3414947</a>	Catalytic selective transesterification reaction of methyl acrylates and methyl methacrylates	3:25 PM 3:55 PM	Ishihara, Kazuaki	30
9	<a href="#">3429336</a>	Sequential aminolithiation-carbolithiation towards nitrogen-heterocycles	3:55 PM 4:20 PM	Tomioka, Kiyoshi	25

<b>Session Information</b>					
SESSION TITLE: Development of New Reactions and Technologies Adaptable to Process Chemistry (#366)					
SESSION TYPE: Oral - Virtual					
SESSION DAY & DATE: Sun 12/19/2021 6:00 PM					
SESSION TOPIC: (03) Organic					
SESSION HOST: Session Host: Hironao Sajiki					
SESSION NOTES: Symposium Organizers: S. Akai, T. Akiyama, Y. Hsiao, O. Onomura, H. Sajiki, S. You					
<b>Order</b>	<b>Control ID</b>	<b>Title</b>	<b>Start/end time</b>	<b>Presenting Author</b>	<b>Duration</b>
1	<a href="#">3411809</a>	Chemoenzymatic accesses to axially chiral biaryls	6:00 PM 6:25 PM	Akai, Shuji	25
2	<a href="#">3384953</a>	Process development of a Grignard reaction using continuous flow synthesis	6:25 PM 6:40 PM	Hosoya, Masahiro	15
3	<a href="#">3380067</a>	Enantioselective synthesis of chiral amines having tetra-substituted carbon centers using novel chiral catalysts	6:40 PM 7:10 PM	Nakamura, Shuichi	30
4	<a href="#">3390905</a>	Synthesis of fairy chemicals using fine bubbles and flow technology	7:10 PM 7:25 PM	MASE, Nobuyuki	15
5	<a href="#">3411800</a>	Time and pot economical synthesis of biologically active molecules using organocatalyst	7:25 PM 7:55 PM	Hayashi, Yujiro	30
6	<a href="#">3414002</a>	Development of enabling synthetic technologies based on $\beta$ -chlorovinyl ketones	7:55 PM 8:25 PM	Oh, Kyungsoo	30
7	<a href="#">3420293</a>	Phosphazene superbases-catalyzed intramolecular hydroamination and hydroalkoxylation of alkenes	8:25 PM 8:40 PM	Yamamoto, Yasutomo	15
8	<a href="#">3407796</a>	Development of the synthetic routes utilizing the selectivity in enzyme catalysis	8:40 PM 9:10 PM	Sugai, Takeshi	30
9	<a href="#">3400532</a>	Polymer-supported transition metal catalysts: design, preparation, and their use under aqueous conditions	9:10 PM 9:40 PM	Uozumi, Yasuhiro	30

Session Information					
SESSION TITLE: Development of New Reactions and Technologies Adaptable to Process Chemistry (#366)					
SESSION TYPE: Poster - Virtual					
SESSION DAY & DATE: Fri 12/17/2021 7:00 PM					
SESSION TOPIC: (03) Organic					
SESSION HOST:					
SESSION NOTES: Symposium Organizers: S. Akai, T. Akiyama, Y. Hsiao, O. Onomura, H. Sajiki, S. You					
Order	Control ID	Title	Start/end time	Presenting Author	Duration
1	<a href="#">3399797</a>	"Centennial innovations" in the prominent phthalimidine syntheses	7:00 PM 9:00 PM	Takahashi, Ichiro	0
2	<a href="#">3403974</a>	Development of in-line monitoring technologies under continuous flow conditions	7:00 PM 9:00 PM	Hosoya, Masahiro	0
3	<a href="#">3405670</a>	One-pot pyrrole synthesis based on copper-catalyzed <i>N</i> -O bond activation and its application to reductive <i>N</i> -O bond cleavage	7:00 PM 9:00 PM	Yasukawa, Naoki	0
4	<a href="#">3413374</a>	Synthetic approaches on SGLT2 inhibitor, tofogliflozin	7:00 PM 9:00 PM	Nagase, Masahiro	0
5	<a href="#">3418380</a>	One-pot heteroarene synthesis based on ruthenium-on-carbon-catalyzed oxygen-oxidative aromatization	7:00 PM 9:00 PM	Sawama, Yoshinari	0
6	<a href="#">3576939</a>	Development of direct catalytic synthesis of <i>N</i> -unprotected ketimine	7:00 PM 9:00 PM	Kondo, Yuta	0
7	<a href="#">3588602</a>	Machine-learning-assisted multi-parameter screening for flow and electrochemical reactions	7:00 PM 9:00 PM	Wathsala, Hettiarachchige Dona	0
8	<a href="#">3402474</a>	Highly active dual-mode polymeric pyridine-palladium catalyst for Suzuki-Miyaura coupling and direct C-H arylation	7:00 PM 9:00 PM	Ohno, Aya	0
9	<a href="#">3407386</a>	Efficient synthesis of indenone derivatives via gold-catalyzed hydride shift of 2-alkynylaldehyde cyclic acetals	7:00 PM 9:00 PM	Yamada, Tsuyoshi	0
10	<a href="#">3415425</a>	Palladium-catalyzed introduction of alkoxy group to $\beta$ -C-H bond of $\alpha,\beta$ -unsaturated carbonyl compounds	7:00 PM 9:00 PM	Monguchi, Yasunari	0
11	<a href="#">3419054</a>	Risk based approach for drug substance impurity control	7:00 PM 9:00 PM	Iwahashi, Mio	0
12	<a href="#">3420000</a>	Enabling cryogenic flow chemistry on kg/h scale, the CryoFlowSkid	7:00 PM 9:00 PM	Hirose, Yoshihiko	0

<b>Session Information</b>					
SESSION TITLE: Development of New Reactions and Technologies Adaptable to Process Chemistry (#366)					
SESSION TYPE: Poster - Virtual					
SESSION DAY & DATE: Fri 12/17/2021 11:00 AM					
SESSION TOPIC: (03) Organic					
SESSION HOST:					
SESSION NOTES: Symposium Organizers: S. Akai, T. Akiyama, Y. Hsiao, O. Onomura, H. Sajiki, S. You					
<b>Order</b>	<b>Control ID</b>	<b>Title</b>	<b>Start/end time</b>	<b>Presenting Author</b>	<b>Duration</b>
1	<u>3590086</u>	Mechanistic Understanding of Photocatalytic Hydroaminoalkylation of Styrenes	11:00 AM 1:00 PM	Turner-Dore, Jacob	0
2	<u>3437095</u>	Development of a novel elongational-flow based process for the production of monomodal nanoemulsions and polymeric nanosuspensions	11:00 AM 1:00 PM	Skoufa, Eirini	0