



## OM- Organic Synthesis and Medicinal Chemistry

**Friday, 26 January 2024, Room: Amber 2**

**Chair:** Mihaiela Stuparu, Nanyang Technological University

**Co-Chair:** Anna Kajetanowicz, University of Warsaw

| Time          | Code                                    | Title  | Presenter             |
|---------------|---|--|-----------------------|
| 13.00 – 13.30 | OM-I-01                                 | Olefin metathesis catalysts specialised in bio-mass valorization: ethenolysis of fatty oils and musk production  | Karol Grela           |
| 13.30 – 14.00 | OM-I-02                                 | Synthesis, computers and natural product mistakes  | Roderick W. Bates     |
| 14.00 – 14.15 | OM-O-01                                 | Stannylation as the key strategy for the synthesis of C2-substituted cordycepin derivatives for antiviral drug development                             | Aticha Thiraporn      |
| 14.15 – 14.30 | OM-O-02                                 | Synthetic study of natural antimalarial, (+)-febrifugine, from D-glucose and D-serine: Development of new pathways via azide and azide free approaches | Suwanan Uipanit       |
| 14.30 – 14.45 | OM-O-03                                 | Amination of 1,2,4-oxadiazol-5(4H)-ones with tertiary amines   | Muh Alfiadhi          |
| 14.45 – 15.00 | OM-O-04                                 | Comparison synthesis of picric acid from phenol and salicylic acid for crystallization of mitragynine as picrate salt at difference percent purity     | Suntisuk Sinthunakorn |
| 15.00 – 15.15 | <b>Coffee Break</b>                     |  |                       |
| 15.15 – 16.00 | <b>PL-02 at Bhiraj Halls II and III</b> |  |                       |

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**Chair:** Tirayut Vilaivan, Chulalongkorn University

**Co-Chairs:** 1) Roderick W. Bates, Nanyang Technological University

2) Nutthawat Chuanopparat, Kasetsart University

| Time          | Code   | Title   | Presenter           |
|---------------|--|---|---------------------|
| 16.00 – 16.30 | OM-I-03  | Catalytic deoxygenation of epoxides to alkenes  | Sunisa Akkarasamiyo |
| 16.30 – 16.45 | OM-O-05  | Synthesis and evaluation of chrysin derivatives as histone deacetylase inhibitors       | Thitiporn Kamloon   |
| 16.45 – 17.00 | OM-O-06  | Structural simplification of maytansine and synthesis efficiency for antitumor activity | Tomomi Uchida       |
| 17.00 – 17.15 | OM-O-07  | Syntheses and mechanistic investigations of formamides, formamidines, and formimidates  | Chhorvy Kong        |
| 17.15 – 18.15 | <i>Poster Session I at Bhiraj Hall 1</i>             |   |                     |
| 18.15 – 21.00 | <i>Conference Banquet at Bhiraj Halls II and III</i> |   |                     |



## OM- Organic Synthesis and Medicinal Chemistry

**Saturday, 27 January 2024, Room: Amber 2**

**Chair:** Roderick W. Bates, Nanyang Technological University

**Co-Chair:** Karol Grela, Institute of Organic Chemistry, Polish Academy of Sciences

| Time  | Code                                      | Title  | Presenter         |
|---|---|--|-------------------|
| 09.45 – 10.15   | OM-I-04                                   | Synthesis of curved nanographenes  | Mihaiela Stuparu  |
| 10.15 – 10.30   | OM-O-08                                   | Synthetic and chiroptical studies on novel fluorophores based on chiral bipyrenyl platform                                     | Reichi Kobayashi  |
| 10.30 – 10.45   | OM-O-09                                   | Gallic acid encapsulated pamam dendrimers: A promising antioxidant delivery system for controlled release and reduced toxicity | Aorada Sripunya   |
| 10.45 – 11.00   | <i>Coffee Break</i>                       |  |                   |
| 11.00 – 12.00   | <i>Poster Session II at Bhiraj Hall I</i> |  |                   |
| 12.00 – 13.00   | <i>Lunch at EH100</i>                     |  |                   |
| <b>Chair:</b> Tirayut Vilaivan, Chulalongkorn University<br><b>Co-Chairs:</b> 1) Chanat Aon-Bangkhen, Chulalongkorn University<br>2) Nutthawat Chuanopparat, Kasetsart University |   |  |                   |
| 13.00 – 13.30   | OM-I-05                                   | Olefin metathesis-sustainable methodology for synthesis of valuable compounds  | Anna Kajetanowicz |
| 13.30 – 13.45   | OM-O-10                                   | Synthesis of azanorbornadienes as building blocks to complex aryl products   | Thomas Whatton    |
| 13.45 – 14.00   | OM-O-11                                   | Synthesis and properties of helical oligothiophenes anchored to binaphthyl   | Hikari Kawashima  |