Institute of Chemical Biology & Drug Discovery

“Frontiers of Chemical Biology and Drug Discovery: Nucleic Acid-Based Medicine”

Thursday, October 8, 2020  ◆ Via Zoom

Distinguished Speakers

Dr. George A. Calin, The University of Texas MD Anderson Center
Dr. Richard I. Gregory, Harvard University
Dr. Lin He, University of California Berkeley Research
Dr. Jingfang Ju, Stony Brook University
Dr. Adrian Krainer, Cold Spring Harbor Laboratory
Dr. Vivek Mittal, Weill Cornell Medicine
Dr. Jennifer C. Petter, Arrakis Therapeutics

Poster Sessions ◆ Poster Awards

For more information, please visit
http://ws.cc.stonybrook.edu/icbdd/

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# ICB&DD 14th Annual Symposium

**Thursday, October 8, 2020 via Zoom**

**“Frontiers of Chemical Biology and Drug Discovery: Nucleic Acid-Based Medicine”**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker Details</th>
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</thead>
</table>
| 9:15 am to 9:30 am | **Opening Remarks**                               | Dr. Jingfang Ju, Professor of Pathology, Stony Brook University Renaissance School of Medicine. Chair, Symposium Organizing Committee  
Dr. Kenneth Kaushansky, Dean, Stony Brook University Renaissance School of Medicine  
Dr. Iwao Ojima, Distinguished Professor and Director, Institute of Chemical Biology and Drug Discovery, Stony Brook University |
| 9:30 am to 10:15 am | **Moderator: Dr. Chia-Hsin (Lori) Chan**          | Dr. George A. Calin, Professor, Department of Experimental Therapeutics, Division of Cancer Medicine, The University of Texas MD Anderson Center  
“About Chomsky, Non-codingRNAs and Cancer Therapy” |
| 10:15 am to 11:00 am | **Moderator: Dr. Jingfang Ju**                   | Dr. Richard I. Gregory, Professor and Chairman, Department of Pediatrics Stem Cell Biology, Harvard Medical School  
“Role of the Epitranscriptome in Gene Regulation and Cancer” |
| 11:00 am to 11:45 am | **Moderator: Martin Kaczocha**                  | Dr. Jingfang Ju, Professor, Department of Pathology, Stony Brook University Renaissance School of Medicine  
“Development of miRNA Based Platform Technology for Cancer Therapeutics” |
| 11:45 am to 1:00 pm | **Lunch and Poster Session via Zoom**           |                                                                                 |
| 1:00 pm to 1:45 pm | **Moderator: Adam Rosebrock**                    | Dr. Lin He, Professor, Department of Molecular & Cell Biology, University of California Berkeley Research  
“The Functional Elements in the Non-Coding Genome in Development and Disease” |
| 1:45 pm to 2:30 pm | **Moderator: Elizabeth Boon**                     | Dr. Adrian Krainer, St. Giles Foundation Professor, Cold Spring Harbor Laboratory (CSHL) and Deputy Director of Research at CSHL Cancer Center  
“From Base Pairs to Bedside: Antisense Modulation of RNA Splicing” |
| 2:30 pm to 3:30 pm | **Student Poster Session via Zoom**              |                                                                                 |
| 3:30 pm to 4:15 pm | **Moderator: John Haley**                        | Dr. Vivek Mittal, Professor of Cardiothoracic Surgery and Director, Neuberger Berman Foundation Lung Cancer Laboratory, Weill Cornell Medicine  
“Metastasis Suppressor miRNAs in Triple Negative Breast Cancer” |
| 4:15 pm to 5:00 pm | **Moderator: Peter Tonge**                       | Dr. Jennifer C. Petter, Founder and CSO, Arrakis Therapeutics  
“Drugging RNA with Small Molecules” |
| 5:00 pm to 5:05 pm | **Closing Remarks:**                              | Dr. Martin Kaczocha                                                             |
| 5:05 pm to 6:00 pm | **Poster Session via Zoom**                      |                                                                                 |
| 6:00 pm to 6:15 pm | **Announcement of Poster Awards:**               | Dr. Chia-Hsin (Lori) Chan                                                      |