

Kinases: Next-Generation Insights and Approaches (C4)

Scientific Organizers: Reid M. Huber, John Kuriyan and Ruth H. Palmer

March 5–9, 2017

Beaver Run Resort, Breckenridge, Colorado, USA

Sponsored by Genentech, Inc. and Incyte Corporation

IT'S NOT TOO LATE TO SUBMIT YOUR ABSTRACT. Abstracts received can no longer be considered for oral short talks; poster display opportunities remain open.

BEWARE of booking lodging through companies unaffiliated with Keystone Symposia. [Click here for more details.](#)

Keystone Symposia is committed to maintaining a positive and respectful environment at its meetings. To this end, please review and comply with our [policies](#).

DEADLINES:

Scholarship Deadline: Nov 3, 2016 [[details](#)]

Discounted Abstract Deadline: Nov 3, 2016 [[details](#)]

Abstract Deadline: Dec 7, 2016 [[details](#)]

Discounted Registration Deadline: Jan 11, 2017 [[details](#)]

[Click here to view Cancellation Policy](#)

No registration fees are used to fund entertainment or alcohol at this conference

Conference Program [Print](#) | [View meeting in 12 hr \(am/pm\) time](#)

The meeting will begin on Sunday, March 5 with registration from 16:00 to 20:00 and a welcome mixer from 18:00 to 20:00. Conference events conclude on Thursday, March 9 with a closing plenary session from 17:00 to 19:00, followed by a social hour and entertainment. We recommend return travel on Friday, March 10 in order to fully experience the meeting.

SUNDAY, MARCH 5

16:00–20:00	Arrival and Registration	Foyer
18:00–20:00	Welcome Mixer No registration fees are used to fund alcohol served at this function.	Foyer

MONDAY, MARCH 6

07:00–08:00	Breakfast	Summit Gallery
08:00–09:00	Welcome and Keynote Address Registered attendees can view abstracts starting on 02/05/2017 Richard M. Marais , Cancer Research UK Manchester Institute, UK <i>How Far are we from Implementing Precision Medicine in Melanoma?</i>	Peaks 4-5
09:00–11:15	Pathways of Kinase Function Registered attendees can view abstracts starting on 02/05/2017 Tony Hunter , The Salk Institute, USA <i>pHisphorylation in Cell Signaling</i> Coffee Break Susan S. Taylor , University of California, San Diego, USA <i>Lessons Learned from PKA: from Motifs to the Dynamic Assembly of Isoform-specific Macromolecular Switches</i>	Peaks 4-5

Ruth H. Palmer, University of Gothenburg, Sweden
Regulation of Anaplastic Lymphoma Kinase Signaling during Development and in Neuroblastoma

Short Talk(s) Chosen from Abstracts

11:15–17:00	On Own for Lunch	
11:15–13:00	Poster Setup	Peaks 1-3
13:00–22:00	Poster Viewing	Peaks 1-3
16:30–17:00	Coffee Available	Foyer
17:00–19:00	Kinases In Cancer Development and Progression Registered attendees can view abstracts starting on 02/05/2017	Peaks 4-5

Speaker to be Announced

René H. Medema, Netherlands Cancer Institute, Netherlands
Mitotic Checkpoint Kinases in Cancer Development and Treatment

Nicolas Tapon, Francis Crick Institute, UK
Hippo Kinase Pathway in Tissue Growth Regulation

Short Talk Chosen from Abstracts

19:00–20:00	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	Peaks 1-3
19:30–22:00	Poster Session 1	Peaks 1-3

TUESDAY, MARCH 7

07:00–08:00	Breakfast	Summit Gallery
08:00–11:00	Franchise Targets in Drug Discovery Registered attendees can view abstracts starting on 02/05/2017 Reid M. Huber , Incyte Corporation, USA <i>Janus Activated Kinases - Past, Present and Future</i> Shiva Malek , Genentech, Inc., USA <i>Kinases as Molecular Switches: Catalytic and Non-Catalytic Functions of RAF Reveal Novel Insights into Oncogenic Activation</i> Coffee Break Andrew Wylie , Novartis Institute for Biomedical Research, USA <i>BCR-ABL and ABL001</i> Pasi A. Jänne , Harvard Medical School, USA <i>EGFR - Third-Generation Approaches to Drug Discovery</i>	Peaks 4-5
	Short Talk(s) Chosen from Abstracts	
11:00–17:00	On Own for Lunch	
11:00–13:00	Poster Setup	Peaks 1-3
13:00–22:00	Poster Viewing	Peaks 1-3
16:30–17:00	Coffee Available	Foyer
17:00–19:00	Emerging Pathways in Kinase Inhibitor Discovery Registered attendees can view abstracts starting on 02/05/2017 Giordano M. Caponigro , Novartis Institutes for BioMedical	Peaks 4-5

Research, USA
CDK4/6

Michael Rothenberg, Loxo Oncology, USA
Developing Inhibitors Against Uncommon Oncogenic Kinases

Amy H. Andreotti, Iowa State University, USA
Tec Family Kinases, Structural Insights Driving Therapeutic Opportunity

Short Talk Chosen from Abstracts

19:00–20:00	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	Peaks 1-3
19:30–22:00	Poster Session 2	Peaks 1-3

WEDNESDAY, MARCH 8

07:00–08:00	Breakfast	Summit Gallery
08:00–11:00	Next-Generation Approaches to Kinase Inhibition Registered attendees can view abstracts starting on 02/05/2017 Dorothee Kern , Brandeis University/HHMI, USA <i>Ancient Origins of Allosteric Activation in Kinases - Exploitation for Novel Cancer Drugs</i> Christoph Lengauer , Blueprint Medicines, USA <i>Crafting Highly Selective Kinase Inhibitors - From Impossible to the Clinic</i> Coffee Break Speaker to be Announced Dario Alessi , University of Dundee, UK <i>Moving Beyond the Pocket - The Emerging Role of Pseudokinases in Human Biology</i> Short Talk(s) Chosen from Abstracts	Peaks 4-5
11:00–14:30	On Own for Lunch	
11:00–13:00	Poster Setup	Peaks 1-3
13:00–22:00	Poster Viewing	Peaks 1-3
14:30–16:30	Workshop: Emerging Methodological Approaches to Kinase Research Short Talks Chosen from Abstracts	Peaks 4-5
16:30–17:00	Coffee Available	Foyer
17:00–19:00	Kinase Inhibitor Resistance Registered attendees can view abstracts starting on 02/05/2017 Levi A. Garraway , Eli Lilly and Company, USA <i>The Functional Landscape of Kinase Inhibitor Resistance</i> Rani E. George , Dana-Farber Cancer Institute, USA <i>Differential Mechanisms of ALK Inhibitor Resistance</i> Short Talk Chosen from Abstracts	Peaks 4-5
19:00–20:00	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	Peaks 1-3
19:30–22:00	Poster Session 3	Peaks 1-3

THURSDAY, MARCH 9

07:00–08:00	Breakfast	Summit Gallery
08:00–11:00	<p>Kinase Signaling and Subcellular Context</p> <p>Registered attendees can view abstracts starting on 02/05/2017</p> <p>John Kuriyan, University of California, Berkeley, USA <i>Specificity in Kinase Pathways Downstream of the T Cell Receptor</i></p> <p>John D. Scott, University of Washington, USA <i>Guiding Signals through Anchored Enzyme Complexes</i></p> <p>Coffee Break</p> <p>Natalia Jura, University of California, San Francisco, USA <i>New Insights into Control of HER3 Receptor Pseudokinase Signaling</i></p> <p>Benjamin E. Turk, Yale University, USA <i>Deciphering Mechanisms of Protein Kinase Substrate Targeting</i></p> <p>Short Talk(s) Chosen from Abstracts</p>	Peaks 4-5
11:00–17:00	On Own for Lunch	
16:30–17:00	Coffee Available	Foyer
17:00–18:45	<p>Systems and Synthetic Biology of Kinases</p> <p>Registered attendees can view abstracts starting on 02/05/2017</p> <p>Forest M. White, Massachusetts Institute of Technology, USA <i>High Temporal Resolution Analysis of Phosphorylation Mediated Signaling Networks</i></p> <p>James E. Ferrell Jr., Stanford University, USA <i>Integration of Phosphorylation Outputs in Generation of Developmental Patterns</i></p> <p>Speaker to be Announced</p>	Peaks 4-5
18:45–19:00	<p>Meeting Wrap-Up: Outcomes and Future Directions (Organizers)</p> <p>Registered attendees can view abstracts starting on 02/05/2017</p>	Peaks 4-5
19:00–20:00	<p>Social Hour with Lite Bites</p> <p>No registration fees are used to fund alcohol served at this function.</p>	Peaks 1-3
20:00–23:00	<p>Entertainment</p> <p>Entertainment is not subsidized by conference registration fees nor any U.S. federal government grants. Funding for this expense is provided by other revenue sources.</p>	Peaks 1-3

FRIDAY, MARCH 10**Departure**

*Session Chair †Invited, not yet responded.

Keystone Symposia thanks our Sponsors for generously supporting this meeting:



We gratefully acknowledge support for this conference from:

Directors' Fund

These generous unrestricted gifts allow our Directors to schedule meetings in a wide variety of important areas, many of which are in the early stages of research.

[Click here](#) to view all of the donors who support the Directors' Fund.

We gratefully acknowledge additional in-kind support for this conference from those foregoing speaker expense reimbursements:

Blueprint Medicines

Incyte Corporation

Loxo Oncology

We appreciate the organizations that provide Keystone Symposia with additional support, such as marketing and advertising:

[Click here to view more of these organizations](#)

Special thanks to the following for their support of Keystone Symposia initiatives to increase participation at this meeting by scientists from underrepresented backgrounds:

[Click here to view more of these organizations](#)

If your organization is interested in joining these entities in support of Keystone Symposia, please contact: **Sarah Lavicka**, Assistant Director of Development, Email: sarahl@keystonesymposia.org, Phone: +1 970-262-2690

[Click here](#) for more information on Industry Support and Recognition Opportunities.

If you are interested in becoming an advertising/marketing in-kind partner, please contact: **Yvonne Psaila**, Director, Marketing and Communications, Email: yvonnep@keystonesymposia.org, Phone: +1 970-262-2676