

# KEYSTONE SYMPOSIA

CONFERENCE SERIES  
2026/2027



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SCIENTIFIC EXCHANGE

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# More than a conference: A scientific environment designed for *exchange*

*Advancing dialogue, emerging science, and global scientific connection.*



## Livestream

Attend in-person or remotely via livestream, available worldwide.



## Emerging Science First

Meetings designed around scientific frontiers, emerging voices, and new perspectives.



## Networking Opportunities

Curated enrichment programs foster direct access to leaders, mentors, and peers.



## On Demand Access

Extend conference learning globally, with digital access for months beyond the meeting.



## Cross-Disciplinary Discovery

Joint meetings connect adjacent fields through one registration. Look for symbols denoting joint meetings.





# BIOCHEMISTRY, STRUCTURAL & CELLULAR BIOLOGY

\*\*ALL MEETINGS ARE AVAILABLE IN-PERSON OR LIVESTREAMED

## Integrative Structural Biology: Bridging Fields, Techniques & Scales (F1)

Alex de Marco, Giulia Palermo, & Niccolo Banterle  
**SEPT 28-OCT 1, 2026**  
Breckenridge, CO | USA

## Computational Design & Modeling of Biomolecules (C5)

Nicholas F. Polizzi, Torben Schiffrer, & Amy E. Keating  
**MAR 29-APR 1, 2027**  
Santa Fe, NM | USA  
*\*Check website: Meeting details subject to change.*  
*In partnership with Open Rosetta Project at the Open Molecular Software Foundation.*

## Induced Proximity & Targeted Protein Degradation: Emerging Technologies & Therapeutic Applications (K3)

Christina Woo, William Forrester, & Alessio Ciulli  
**FEB 8-11, 2027**  
Banff, AB | Canada



# DEVELOPMENTAL, REPRODUCTIVE & REGENERATIVE BIOLOGY

## Neurodevelopmental Disorders: Mechanisms & Therapeutics (J5)

Tomasz Nowakowski, Xin Jin, Stephan Sanders, & Zhaolan (Joe) Zhou  
**JAN 19-22, 2027**  
Breckenridge, CO | USA

## Emerging Cell Therapies: A New Era of Regenerative Medicine (B4)

Stefan Irion, Agnete Kirkeby, & Christopher S. Chen  
**FEB 21-24, 2027**  
Monte Carlo | Monaco



# CANCER

## Hormonal Influences on Immunity & Cancer Across the Lifespan (F2)

Suzanne D. Conzen, Amy Moran, & James DeGregori  
**OCT 5-8, 2026**  
Breckenridge, CO | USA  
*In partnership with the Endocrine Society*

## Cancer Immunotherapy: Bridging Basic Research & Clinical Translation (A1)

Ana Carrizosa Anderson, Drew M. Pardoll, Neta Erez, & Ivan Diaz-Padilla  
**JAN 24-27, 2027**  
Breckenridge, CO | USA

## Autophagy in Health & Disease: From Mechanisms to Therapeutics (K4)

Hong Zhang, Susan Ferro-Novick, & Hitoshi Nakatogawa  
**FEB 8-11, 2027**  
Banff, AB | Canada

## Single Cell Biology: Expanding Potential Across Diseases (K6)

Jasmine Plummer & Musa M. Mhlanga  
**FEB 15-18, 2027**  
Banff, AB | Canada

## Integrative Mitochondrial Medicine (C4)

Nils-Goran Larsson & Aleksandra Filipovska  
**MAR 21-24, 2027**  
Banff, AB | Canada

## Healthy Aging & Therapeutic Opportunities (D3)

Derek Huffman, Kristen Fortney, Brian K. Kennedy, & Shu-Chun Teng  
**APR 12-15, 2027**  
Taipei City | Taiwan

## Somatic Mosaicism in Human Development, Aging & Diseases (L3)

Nuria Lopez-Bigas, Gilad Evrony & Young Seok Ju  
**MAR 7-10, 2027**  
Vancouver, BC | Canada

## Cell Competition: Fitness, Diversity & Adaptation Across Scales & Species (L4)

Laura A. Johnston, Thomas P. Zwaka, & Tristan A. Rodriguez  
**MAR 7-10, 2027**  
Vancouver, BC | Canada

## Cancer Neuroscience: Neural Mechanisms as Therapeutic Targets in Cancer (B5)

Erica K. Sloan, Jeremy Borniger, & Shawn Hervey-Jumper  
**JAN 21-24, 2027**  
Keystone, CO | USA

## Tumor & Host Metabolism: Integrating Molecular, Cellular & Systemic Interactions (P1)

Marcia C. Haigis & Lydia Lynch  
**MAR 7-10, 2027**  
Princeton, NJ | USA  
*In partnership with the Ludwig Institute for Cancer Research.*

## Receptor Kinase Signaling: Fueling Plant Resilience & Development (N1)

Alice Y. Cheung, Libo Shan, & Pamela C. Ronald  
**MAY 2-5, 2027**  
Vancouver, BC | Canada

## Cell Biology of Infection (E1)

Lena Pernas, Maximiliano Gutierrez & Maria Mota  
**JUNE 21-24, 2027**  
Whistler, BC | Canada  
*\*Check website: Meeting details subject to change.*



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CellBio27

## Early Life Immunity & Tolerance (L5)

Janelle S. Ayres, Gregory M. Barton, & Carrie L. Lucas  
**MAR 7-10, 2027**  
Banff, AB | Canada

## Vaginal Microbiome & Sexual Health

*\*Check website: Meeting details subject to change.*  
*In collaboration with Gates Foundation Grand Challenges.*



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Cancer27



# IMMUNOLOGY

## Hormonal Influences on Immunity & Cancer Across the Lifespan (F2)

Suzanne D. Conzen, Amy Moran, & James DeGregori

**OCT 5-8, 2026**

Breckenridge, CO | USA  
*In partnership with the Endocrine Society*

## Innate Immunity: Molecular Mechanisms, Diseases & Therapeutics (J1)

Lingyin Li, Carina Cristina de Oliveira Mann, & Michael Crackower

**JAN 11-14, 2027**

Banff, AB | Canada

+J2

## T Cells: From Basic Biology to Therapeutic Applications (J2)

Andrea Schietinger, Daniel Campbell, & Ansuman Satpathy

**JAN 11-14, 2027**

Banff, AB | Canada

+J1

## Cancer Immunotherapy: Bridging Basic Research & Clinical Translation (A1)

Ana Carrizosa Anderson, Drew M. Pardoll, Neta Erez, & Ivan Diaz-Padilla

**JAN 24-27, 2027**

Breckenridge, CO | USA

## B Cell & Antibody Responses (B1)

Gabriel D. Victora, Pia Dosenovic, & Andrea Reboldi

**FEB 8-11, 2027**

London | UK

## Tissue & Spatial Immunology (K5)

Matteo Innacone, Leila Akkari, & Hai Qi

**FEB 15-18, 2027**

Banff, AB | Canada

+K6

## Antibodies as Drugs: Evolving Designs, Formats & Approaches (K7)

James E. Crowe, Jr., Lisa Purcell, & Jonah Rainey

**FEB 22-25, 2027**

Banff, AB | Canada

+K8

## Fibrosis Frontiers: From Basic Mechanisms to Precision Therapies (L1)

Rafael Kramann, Rebekka Schneider, & Neil C. Henderson

**MAR 1-4, 2027**

Keystone, CO | USA

+L2

## Early Life Immunity & Tolerance (L5)

Janelle S. Ayres, Gregory M. Barton, & Carrie L. Lucas

**MAR 7-10, 2027**

Banff, AB | Canada

+L6

## Immunomodulatory Microbiota in Health & Disease (L6)

Andrew T. Gewirtz, Ivaylo I. Ivanov, & Ruth E. Ley

**MAR 7-10, 2027**

Banff, AB | Canada

+L5

## Myeloid Cells: Orchestrator of Immunity in Health, Disease & Therapy (C3)

Julie Helft, Matthew Collin, & Christine Mousson

**MAR 15-18, 2027**

Killarney | Ireland

## Neural-Immune Interactions: Immune Modulation of CNS Biology (M2)

Dimitry Ofengeim, Martin Kerschensteiner, & Soyoon Hong

**APR 11-14, 2027**

Whistler, BC | Canada

+M1

## Vaccinology: Next-Generation Advances in Transforming Immunity (N3)

Saranya Sridhar, Debora Marks, & Teresa Lambe

**MAY 16-19, 2027**

Vancouver, BC | Canada

+N4



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# INFECTIOUS DISEASES

## Global Virome in Health & Disease: From Individuals to Ecosystems (K1)

Ryan A. Langlois, Ken H. Cadwell, & Jemma Geoghegan

**FEB 1-4, 2027**

Geneva | Switzerland

+K2

## Vector-Pathogen Interactions: From Vector Biology to Innovative Control Strategies (K2)

Doug E. Brackney, Flaminia Catteruccia, Utpal Pal, & Sarah Merklung

**FEB 1-4, 2027**

Geneva | Switzerland

+K1

## Tuberculosis: Basic Science Addressing Clinical Needs (C1)

Christopher M. Sassetti, Simone A. Joosten, & Emily B. Wong

**MAR 1-4, 2027**

London | UK

## Cell Biology of Infection (E1)

Lena Pernas, Maximiliano Gutierrez & Maria Mota

**JUN 21-24, 2027**

Whistler, BC | Canada

*\*Check website: Meeting details subject to change.*

+E2

## Progress in Antibiotic Discovery & Development (E2)

Cesar de la Fuente, James J. Collins, & Ewa Szczęsna

**JUN 21-24, 2027**

Whistler, BC | Canada

+E1



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\*\*ALL MEETINGS ARE AVAILABLE  
IN-PERSON OR LIVESTREAMED



## Ending HIV: At the Crossroads of Innovation & Delivery (N4)

Julie Ake, Esper Georges Kallas, Devi SenGupta, & Darrell J. Irvine

**MAY 16-19, 2027**

Vancouver, BC | Canada

+N3



# METABOLISM & CARDIOVASCULAR

**Neurobiology of Appetite Control (J4)**  
Michael J. Krashes, Amber L. Alhadeff, Sung-Yon Kim, & Alice E. Adriaenssens  
**JAN 18-21, 2027**  
Keystone, CO | USA +J3

**Genetic Medicines to Treat Cardiovascular Disease (A2)**  
Rick Dewey, Litsa G. Kranias, & James S. Ware  
**JAN 25-28, 2027**  
Keystone, CO | USA

**Reimagining Diabetes: From Molecular Mechanisms to Transformative Therapies (A3)**  
Anna Krook, Jennifer Green, & David Moller  
**FEB 1-4, 2027**  
Keystone, CO | USA  
*In partnership with the Endocrine Society*

**Cardiometabolism & Interorgan Crosstalk: Novel Mechanisms & Therapies (B2)**  
Saptarsi M. Haldar, Karol E. Watson, & David A. Kass  
**FEB 16-19, 2027**  
Breckenridge, CO | USA  
*In partnership with the Endocrine Society*

**Metabolic Approaches to Chronic Liver Disease (L2)**  
Jay D. Horton, Bei B. Zhang, & Samuel Klein  
**MAR 1-4, 2027**  
Keystone, CO | USA +L1

**Tumor & Host Metabolism: Integrating Molecular, Cellular, & Systemic Interactions (P1)**  
Marcia C. Haigis & Lydia Lynch  
**MAR 7-10, 2027**  
Princeton, NJ | USA  
*In partnership with the Ludwig Institute for Cancer Research.*

**Adipose Tissue: From Cellular Mechanisms to Systemic Health (L7)**  
Kirsty L. Spalding, Camilla C. Schéele, & Clair Crewe  
**MAR 21-24, 2027**  
Banff, AB | Canada +L8

**Incretin Biology & Therapeutics: Transforming Obesity & Associated Diseases (L8)**  
Zach Gerhart-Hines, Richard D. DiMarchi, & Fiona M. Gribble  
**MAR 21-24, 2027**  
Banff, AB | Canada +L7



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## MICROBIOTA & FLORA

**Immunomodulatory Microbiota in Health & Disease (L6)**  
Andrew T. Gewirtz, Ivaylo I. Ivanov, & Ruth E. Ley  
**MAR 7-10, 2027**  
Banff, AB | USA +L5

**Plant & Microbe Engineering for Sustainability (N2)**  
Daniel F. Voytas, Ralph Bock, & Jennifer Pett-Ridge  
**MAY 2-5, 2027**  
Vancouver, BC | Canada +N1

**Receptor Kinase Signaling: Fueling Plant Resilience & Development (N1)**  
Alice Y. Cheung, Libo Shan, & Pamela C. Ronald  
**MAY 2-5, 2027**  
Vancouver, BC | Canada +N2

**Vaginal Microbiome & Sexual Health**  
*\*Check website: Meeting details subject to change.*  
*In collaboration with Gates Foundation Grand Challenges.*



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## GENETICS, GENOMICS & RNA

**Genetic Medicines to Treat Cardiovascular Disease (A2)**  
Rick Dewey, Litsa G. Kranias, & James S. Ware  
**JAN 25-28, 2027**  
Keystone, CO | USA

**Transposable Elements: From Evolution to Engineering (C2)**  
Irina Arkhipova, Samuel H. Sternberg, Ting Wang, & Phillip D. Zamore  
**MAR 15-18, 2027**  
Breckenridge, CO | USA

**DNA Replication: Pathway Crosstalk Shaping Physiology & Disease (D2)**  
Karlene A. Cimprich, Alessandro Vindigni, & Massimo Lopes  
**APR 5-8, 2027**  
London | UK

**Targeted Delivery of Nucleic Acid Medicines (J8)**  
C. Frank Bennett, Beverly L. Davidson, & Daniel G. Anderson  
**JAN 25-28, 2027**  
Keystone, CO | USA +J7

**RNA Regulation: Mechanisms to Medicine (D1)**  
V. Narry Kim, Victor R. Ambros, Ramesh S. Pillai, & Ryan A. Flynn  
**APR 4-7, 2027**  
Seoul | South Korea

**Epigenetics in Health & Disease (D4)**  
Liling Wan & Bradley E. Bernstein  
**APR 12-15, 2027**  
Banff, AB | Canada

**Precision Genome Engineering: From Laboratory to Clinic (J7)**  
Erik J. Sontheimer & Leonela Amoasii  
**JAN 25-28, 2027**  
Keystone, CO | USA +J8



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# DRUG DISCOVERY, BIOENGINEERING & DIGITAL

\*\*ALL MEETINGS ARE AVAILABLE  
IN-PERSON OR LIVESTREAMED

## Genetic Medicines to Treat Cardiovascular Disease (A2)

Rick Dewey, Litsa G. Kraniias,  
& James S. Ware  
JAN 25-28, 2027  
Keystone, CO | USA

## Precision Genome Engineering: From Laboratory to Clinic (J7)

Erik J. Sontheimer  
& Leonela Amoasii  
JAN 25-28, 2027  
Keystone, CO | USA

+J8

## Targeted Delivery of Nucleic Acid Medicines (J8)

C. Frank Bennett, Beverly L.  
Davidson & Daniel G. Anderson  
JAN 25-28, 2027  
Keystone, CO | USA

+J7

## Drug Delivery to the Brain (B3)

Joy Yu Zuchero & Peter Tessier  
FEB 15-18, 2027  
Banff, AB | Canada

## Emerging Cell Therapies: A New Era of Regenerative Medicine (B4)

Stefan Irion, Agnete Kirkeby,  
& Christopher S. Chen  
FEB 21-24, 2027  
Monte Carlo | Monaco

## Antibodies as Drugs: Evolving Designs, Formats & Approaches (K7)

James E. Crowe, Jr.,  
Lisa Purcell, & Jonah Rainey  
FEB 22-25, 2027  
Banff, AB | Canada

+K8

## Computational Drug Discovery: Tools Across the Translational Pipeline (K8)

Aicha BenTaieb & Jakob Kathar  
FEB 22-25, 2027  
Banff, AB | Canada

+K7

## Plant & Microbe Engineering for Sustainability (N2)

Daniel F. Voytas, Ralph Bock,  
& Jennifer Pett-Ridge  
MAY 2-5, 2027  
Vancouver, BC | Canada

+N1

## Vaccinology: Next-Generation Advances in Transforming Immunity (N3)

Saranya Sridhar, Debora Marks,  
& Teresa Lambe  
MAY 16-19, 2027  
Vancouver, BC | Canada

+N4

## Progress in Antibiotic Discovery & Development (E2)

Cesar de la Fuente, James J.  
Collins, & Ewa Szczurek  
JUN 21-24, 2027  
Whistler, BC | Canada

+E1



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# NEUROBIOLOGY

## Sensory Systems: Interception & Exteroception (J3)

Alexander Chesler, Stephen  
Liberles, & Vanessa Ruta  
JAN 18-21, 2027  
Keystone, CO | USA

+J4

## Neurobiology of Appetite Control (J4)

Michael J. Krashes, Amber L.  
Alhadeff, Sung-Yon Kim,  
& Alice E. Adriaenssens  
JAN 18-21, 2027  
Keystone, CO | USA

+J3

## Neurodevelopmental Disorders: Mechanisms & Therapeutics (J5)

Tomasz Nowakowski, Xin Jin,  
Stephan Sanders, & Zhaolan  
(Joe) Zhou  
JAN 19-22, 2027  
Breckenridge, CO | USA

+J6

## Neural Plasticity & Recovery after Traumatic CNS Injury & Stroke (J6)

William A. Zeiger, Mary Teena  
Joy, & Florence Bareyre  
JAN 19-22, 2027  
Breckenridge, CO | USA

+J5

## Drug Delivery to the Brain (B3)

Joy Yu Zuchero & Peter Tessier  
FEB 15-18, 2027  
Banff, AB | Canada

## Neurodegeneration: From Mechanisms to Precision Diagnosis & Therapies (M1)

Bruce Miller, Ana Maria Cuervo,  
& Brandy Matthews  
APR 11-14, 2027  
Whistler, BC | Canada

+M2

## Neural-Immune Interactions: Immune Modulation of CNS Biology (M2)

Dimitry Ofengeim, Martin  
Kerschensteiner, & Soyoon Hong  
APR 11-14, 2027  
Whistler, BC | Canada

+M1



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## Health Equity Panels

Discussions centered  
around improving outcomes  
through population-  
aware precision  
medicine.



## Meet the Editors

Direct access to  
journal editors and  
publishing insight.



## Career Roundtables

Practical guidance from  
scientists across career  
stages & disciplines.



## Women in Science

Advancing equity,  
networking and  
career growth.

# WHERE SCIENTIFIC LEADERS & EMERGING VOICES ADVANCE TOGETHER

*Ideas move further, faster, and across scientific generations at  
Keystone Symposia conferences.*

## **Immersive by Design**

World-class locations and retreat-style settings at exclusively negotiated rates create focus, continuity of conversation, and collegial connectivity beyond formal sessions. Here, the science doesn't end when the session does.

## **Intentional Collaboration**

Programs are built with purpose: to encourage direct discussion across disciplines, career stages, and scientific sectors through high-impact sessions such as:

- **Health Equity Panels**
- **Women in Science Workshops**
- **Meet the Editor Sessions**
- **Career Roundtables**

## **Open Exchange of Excellence**

Global leaders and emerging investigators share unpublished thinking in trusted scientific environments. Here, emerging scientists can sip coffee with Nobel Laureates.

## **Legacy & Lift: Elevating the Future**

The future of science depends on elevating emerging leaders alongside established voices. Keystone Symposia's scholarships, Fellows Programs, and speaking opportunities help advance the next generation of scientific leadership.



# Where Scientific Leaders Converge – And Value Speaks for Itself

*"Keystone Symposia are amazing meetings that have sparked entirely new directions and have fostered interdisciplinary science!"*

~Anne Brunet, PhD,  
Stanford University

*"Keystone Symposia conferences bring terrific groups of researchers scattered across the globe, under one roof, and provide the opportunity to unify concepts, define key questions, and share techniques."*

~Dave Masopust, PhD,  
University of Minnesota



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*"The Keystone Symposia meetings are a unique academic treasure. They provided me the opportunity to connect with my science heroes when I was young scientist."*

~Liz Jaffee, MD,  
Johns Hopkins  
University

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