Abstracts of papers presented
at the 2025 Cold Spring Harbor Asia Conference

YEAST AND LIFE SCIENCES

June 2–June 6, 2025

Arranged by

Brenda Andrews, *University of Toronto*
Marco Foiani, *The FIRC Institute of Molecular Oncology*
Daochun Kong, *Peking University*
Hisao Masai, *Tokyo Metropolitan Institute of Medical Science*
Frank Uhlmann, *The Francis Crick Institute*

Cold Spring Harbor Conferences Asia
Cold Spring Harbor Laboratory

YEAST AND LIFE SCIENCES
Monday, June 2 – Friday, June 6, 2025

Monday	7:00 pm	**1** Keynote Session
Monday	8:45 pm	**2** Synthetic Biology
Tuesday	9:00 am	**3** Genomics
Tuesday	2:00 pm	**Poster Session**
Tuesday	3:00 pm	*Chinese Tea and Beer Tasting*
Tuesday	7:00 pm	**4** Centromere, Cohesion and Heterochromatin
Wednesday	9:00 am	**5** Replication
Wednesday	10:45 am	**6** Repair
Wednesday	1:30 pm	*Visit to Old Suzhou*
Wednesday	7:00 pm	**7** Stress Responses, Transcription
Thursday	9:00 am	**8** Membrane
Thursday	2:00 pm	**9** Human Diseases and Aging
Thursday	3:15 pm	**10** Evolution
Thursday	5:30 pm	*Cocktails and Banquet*
Friday	9:00 am	**11** New Technology

Oral presentation sessions are located in the CSHA Auditorium
Poster session and Chinese Tea & Beer Tasting are in the Lake Front Hall.
Cocktail social hour is held outside in the Suz Garden.
Old Suzhou visits depart from the CSHA lobby
**optional tour requires additional fee.*

Meal locations and times are as follows:
Lunch: Main Cafeteria 12:00pm - 1:30pm
Dinner: Main Cafeteria 6:00pm - 7:30pm
Banquet: Suz Garden 6:30pm

More information will be available at CSHA office.
(Map at the end of this abstract book)

PROGRAM

MONDAY, June 2—7:00 PM

SESSION 1 KEYNOTE SESSION

Chairperson: **Daochun Kong,** Peking University, Beijing, China

MONDAY, June 2—8:45 PM

SESSION 2 SYNTHETIC BIOLOGY

Chairperson: **Patrick Yizhi Cai,** The University of Manchester, Manchester, United Kingdom

TUESDAY, June 3—9:00 AM

SESSION 3 GENOMICS

Chairpersons: **Brenda Andrews,** University of Toronto, Toronto, Canada
Marco Foiani, IFOM, Milan, Italy

TUESDAY, June 3—2:00 PM

SESSION 3 POSTER SESSION

TUESDAY, June 3—3:00 PM

Chinese Tea and Beer Tasting

SESSION 4 CENTROMERE, COHESION AND HETEROCHROMATIN

Chairpersons: **Elçin Ünal,** University of California, Berkeley, California, USA
Chuanhai Fu, University of Science and Technology of China, Hefei, China

WEDNESDAY, June 4—9:00 AM

SESSION 5 REPLICATION

Chairperson: **Hisao Misai**, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan

WEDNESDAY, June 4—10:45 AM

SESSION 6 REPAIR

Chairperson: **Jie Ren,** Beijing Institute of Genomics, CAS, Beijing, China

WEDNESDAY, June 4—1:30 PM

Visit to Old Suzhou

SESSION 7 STRESS RESPONSES, TRANSCRIPTION

Chairperson: **Matthias Peter,** ETH Hönggerberg, Zürich, Switzerland

THURSDAY, June 5—9:00 AM

SESSION 8 MEMBRANE

Chairperson: **Snezhana Oliferenko,** King's College London and The Francis Crick Institute, London, United Kingdom

THURSDAY, June 5—2:00 PM

SESSION 9 HUMAN DISEASES AND AGING

Chairperson: **Reiko Sugiura,** Kindai University, Osaka, Japan

THURSDAY, June 5—3:15 PM

SESSION 10 EVOLUTION

Chairperson: **Aleksandar Vještica,** University of Lausanne, Switzerland

THURSDAY, June 5—5:30 PM

COCKTAILS and BANQUET

FRIDAY, June 6—9:00 AM

SESSION 11 NEW TECHNOLOGY

Chairpersons: **Tiannan Guo,** Westlake University, Hangzhou, China
Yuping Chen, Shenzhen Institutes of Advanced Technology, CAS, Shenzhen, China