

CELEBRATING THE LIFE AND SCIENCE OF SYDNEY BRENNER
Cold Spring Harbor Laboratory
March 29-31, 2020

Sunday, March 29, 2020

Welcome

7:00 pm - 7:10 pm

7:00 pm Bruce Stillman (CSHL)

SESSION I. A lifetime of discovery (biographical overview session)

7:10 pm Terry Sejnowski (Salk), Chair

7:30 pm Jim Darnell (Rockefeller)

7:50 pm Bruce Alberts (UCSF)

8:10 pm COFFEE BREAK

SESSION II. “Everything fell into place and my future scientific life was decided then and there”

8:30 pm - Thoru Pederson, (U Massachusetts), Chair

8:40 pm Steve Martin (Berkeley)

9:00 pm Antony Stretton (Wisconsin)

9:20 pm Stan Cohen (Stanford)

9:40 pm RECEPTION

Monday, March 30, 2020

SESSION III. “Sydney let out a yelp ... he had seen the answer”

9:00 am Matt Meselson (Harvard), Discovery of mRNA

9:20 am Joan Steitz (Yale). Small non-coding RNAs

9:40 am Gary Ruvkun (MGH/Harvard). microRNA/RNAi

10:00 am Tom Blumenthal (Colorado). Trans-splicing, Chair

10:20 am Matthew Cobb (Manchester)

10:40 am – 11:00 am COFFEE BREAK

SESSION IV: “I would like to tame a small metazoan organism to study development directly.” (C. elegans I)

11:00 am Jonathan Hodgkin (Oxford), Chair

11:20am David Hirsh (Columbia)

11:40 am John White (Wisconsin)

12:00 pm Bob Waterston (U Washington)

12:20 pm – 2:00 pm LUNCH

SESSION V. “Nature’s gift to Science.” (C. elegans II)

2:00 pm Barbara Meyer (Berkeley/HHMI), Chair

2:20 pm Cynthia Kenyon (Calico)

2:40 pm Cori Bargmann (Rockefeller)

3:00 pm Susan Mango (ETH Zurich)

3:20 pm – 3:40 pm COFFEE BREAK

SESSION VI. “Behaviour is the result of a complex ill-understood set of computations performed by nervous systems”

3:40 pm Gerry Rubin (Janelia), Chair

4:00 pm Marty Chalfie (Columbia)

4:20 pm Oliver Hobert (Columbia)

4:40 pm Scott Emmons (Albert Einstein College of Medicine)

5:00 pm Semir Zeki (UC London)

Posters and reception

5:30 pm-6:30 pm POSTERS and RECEPTION

Ahna Skop: *C. elegans* art show

Bill Wood: “Rime of the Ancient Worm Picker”

6:30 pm – 8:00 pm SPECIAL DINNER

SESSION VII: Personal reminiscences (by invitation)

- Ludmila Pollock (CSHL), Chair
- Rich Roberts (NEB)
- Conrad Lichtenstein (Nemesisbio)
- Balazs Gulyas (NTU, Singapore)
- Keith Yamamoto (not confirmed)

COFFEE BREAK

- Roger Brent (Fred Hutch)
- Daniela Rhodes (Nat’l Univ .Singapore)
- Antonio Coutinho (Gulbenkian)
- Michael Hayden (UBC)

Tuesday, March 31, 2020

SESSION VIII: "Vertebrates, Invertebrates and Pervertebrates",

9:00 am Anne Villeneuve (Stanford), Chair
9:20 am Arantza Barjos (UCL)
9:40 am Sophie Jarriault (IGBMC,Strasbourg)
10:00 am Ikue Mori (Nagoya)

10:20 am – 10:40 COFFEE BREAK

SESSION IX: "Genomes tell us about the past."

10:40 am Byrappa Venkatesh (A*STAR). Fugu and elephant shark genomes, Chair
11:00 am Richard Durbin (Cambridge). 1000 (and more) human genomes
11:20 am Carina Mugal (Uppsala). Evolution of GC content in genomes
11:40 am Carrie Albertin (MBL). The octopus genome
12:00 pm Dan Rokhsar (Berkeley/OIST). Evolution of metazoan genomes

12:20 pm – 2:00 pm LUNCH

SESSION X. "We could go directly to humans, where we already have large numbers of diverse genomes, with skilled and expensively trained phenotypers, called doctors, studying them."

2:00 pm Keith Peters (Crick Institute), Chair
2:00 pm Sam Aparicio (UBC Cancer Center) Clonal dynamics of cancer
2:20 pm Donna Albertson (NYU) - cancer
2:40 pm Gene Yeo (UCSD) protein-RNA interaction in human neurological diseases.
3:00 pm Jon Karn (Case Western) HIV
3:20 am Seng Gee Lim (Singapore)

3:40 pm – 4:00 pm COFFEE BREAK

SESSION XI. "My skills are in getting things started."

4:00 pm - 6:00 pm
4:00 pm Philip Goelet (Acidophil), Chair
4:20 pm Sam Eletr: Sydney and sequencing technology
4:40 pm ~~Kim Janda (Scripps)-~~
5:00 pm Bob Baughman (OIST): the vision of OIST in Okinawa
5:20 pm Shawn Hoon (MEL/A*STAR)

6:00 pm CLOSING REMARKS

6:15 pm MEETING CONCLUDES