

**DDRCC Directors' Meeting and Symposium
February 20-21, 2020
Marriott Union Square, San Francisco
Wi-Fi: Marriott_Conference, Passcode: UCSF**

Advances in the Cell and Molecular Biology of the Liver

Day 1

0715-0800 Breakfast buffet, Union Square Ballroom Pre-function, 2nd floor

0800 Welcome and Introduction (J. Maher, UCSF)

Session I Cell biology of the liver: Scaling up (H. Willenbring, UCSF, moderator)

0810-0835 Optimizing iPSC differentiation: from "hepatocyte-like" to hepatocyte (R. Schwartz, Cornell)
0835-0900 Liver organoids for disease modeling (T. Takebe, Cincinnati Children's Hospital)
0900-0925 Bioprinting a liver (K. Stevens, U of Washington)
0925-0950 Recellularizing human liver scaffolds (A. Soto-Gutierrez, U of Pittsburgh)
0950-1015 Humanizing livers: the large animal experience (J. Lillegard, Mayo Clinic)

1015-1045 Break

Session II DDRCC Program Workshop: P & F Awards Program (N. Davidson, Wash U, moderator)

1045-1110 P&F survey results from (a) DDRCC leaders and (b) past P&F awardees (J. Maher)
1110-1130 Awardee panel discussion (V. Abadie, M. Philip, J. Sanchez Gurmaches, N. Snider)
1135-1155 DDRCC Directors' panel discussion (F. Cominelli, W. Lencer, R. Sandler, G. Wu)

1200-1300 Lunch, Restaurant, 1st floor

Session III Junior investigator poster session (DDRCC directors attend/review) Sutter II & III, 2nd floor

1300-1400 Even number poster presenters
1400-1500 Odd number poster presenters

Session IV Keynote lecture (H. Rosen, USC, moderator) Union Square Ballroom, 2nd floor

1500-1600 S. MacParland (U of Toronto)
Single-cell RNA sequencing of normal and diseased human liver

Session V DDRCC Directors' Business meeting (free time for junior investigators and guests)

1600-1730 NIDDK Director's address (Griffin Rodgers)
NIDDK and P30 program update (S. James, P. Perrin)
DDRCC P&F program debrief (Maher/Davidson)
New business (DDRCC Directors and Administrators)

*1830-2100 Reception and dinner for DDRCC leaders/admins, NIDDK and junior investigators
Savoy Suite, 30th floor (reception 1830-1900; dinner 1900)*

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Day 2

0715-0800 Breakfast buffet, Union Square Ballroom Pre-function, 2nd floor

0800-1045 Administrators' Meeting, Sutter I, 2nd floor

Session VI Molecular biology of the liver: Drilling down (Rebecca Wells, U Penn, moderator)

0800-0825 Immunoprofiling of liver using CyTOF (S. Krams, Stanford)

0825-0850 High-capacity genetic screening in mouse liver (K. Wangenstein, U Penn)

0850-0915 Long noncoding RNAs regulating liver fibrosis (A. Mullen, MGH)

0915-0945 Break

0945-1010 AAV gene therapy: vector engineering for maximum effect (N. Paulk, UCSF)

1010-1035 Generating somatic liver knockouts by CRISPR gene editing (D. Bissig, Duke U)

1035-1045 Recap and adjourn

1100-1200 Departure; box lunches available for pickup, Union Square Ballroom Pre-function, 2nd floor

11:30 Airport shuttle departs for SFO