

## **Cancer and Environmental Mixtures Meeting**

Organizers: Martyn Smith (UC Berkeley) and Lauren Zeise (OEHHA)

Feb. 7-8, 2019

545 Li Ka Shing Center, 1951 Oxford St., UC Berkeley, CA

### **Agenda**

Thursday, Feb 7, 9 am – 5:30 pm

- 9.00 Welcome and Introductions; Goals for the meeting - Martyn
- 9.15 Brief progress reports from subcommittees (10 min each):
  - Kate Guyton – Clarification and Integration
  - Mark Fielden – Assays and Biomarkers
  - Cynthia Rider – Hypothesis and Design
- 9.45 Integration of the KCs with the Hallmarks – Proposal by Martyn  
Proposed Figure – Linda Rieswijk, Amy Wang
- 10.15 **Break** (and selection of Friday’s lunch option)
- 10.35 Role of the KCs in the new IARC Preamble – Kate Guyton
- 11.00 Subcommittees 1 and 2 breakout by KC and continue to revise descriptions of each KC;  
Subcommittee 3 members join to help refine KC descriptions.
- 11.20 Finalize descriptions of each KC as a group.
- 12.00 **Lunch** – Participants come together to discuss the morning.
- 1.00 Special presentation by NTP Associate Director Brian Berridge by Zoom followed by discussion.
- 2.00 Finalization of KC/Hallmark integration table and figure – Kate, Martyn and Linda
- 2.30 **Break**
- 2.45 Subcommittees 1 & 2 break out to add state-of-the art assays to each KC (Room 545)  
Subcommittee 3 breaks out (Room 515) to discuss developing a mixture that will affect a minimum of 3 KCs/Hallmarks and may act additively or synergistically.
- 3.30 Report back of Subcommittee 3 on mixtures - Leroy.  
Discussion of statistical concepts of synergy, additivity and ‘something from nothing’ led by Tom Webster.
- 4.30 Finalization of assays to be listed in the paper for each KC - 5 mins per KC.
- 5.20 Wrap-up of Day 1
- 5.30 End of Day 1
- 6.30 Dinner at Zino, The Shattuck Hotel

Friday, February 8, 9 am – 12 pm

9.00 Subcommittees 1 and 2 finalize the Tables for the paper and make edits based on Day 1 – Led by Mark  
Subcommittee 3 breaks out (Room 515) to discuss models and experimental approaches – Led by Cynthia.

10.20 Break

10.30 Discussion - What would a CarciCast look like? – Discussion leader: Keith Houck

11.00 Recommendations for mixtures testing - Discussion leader: Alexandre Borrel

11:30 Lunch and adjourn

**Cancer and Environmental Mixtures Working Group Committee Members:**

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**Special Guest:** Brian Berridge (NTP Assoc. Director) – by Zoom

\*Joining remotely (Zoom); #Not participating;

CPMC: California Pacific Medical Center Research Institute in San Francisco