

**2014 CANCER RESEARCH SYMPOSIUM**

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| **Tuesday, September 23, 2014** | | | |
| **Time** | **Discussion** | **Presenter** | **Location** |
| **SESSION I – Common Themes and Mechanisms in Cancer and Neurodevelopmental Disorders**  *Chair: Wolf-Dietrich Heyer, PhD* | | | |
| 8:30–8:40 am | Introduction and Welcome | Ralph de Vere White, MD  *UCDCCC*  Leonard Abbeduto, PhD  *MIND Institute* | **Cancer Center Auditorium** |
| **8:40–9:40 am** | **Topoisomerases and Tyrosyl DNA phosphodiesterases in cancers and neurological disorders (Keynote)** | **Yves Pommier, MD, PhD**  ***National Cancer Institute*** |
| 9:40–10:05 am | Prevalent formation of R-loop structures in the human genome | Frederic Chedin, PhD  *Dept Mol and Cell Biol (UCDCCC)* |
| 10:05–10:25 am | **Break** | |
| 10:25–10:50 am | R-loops, long genes, DNA methylation  *Note: this is the area, the final title is pending.* | Janine LaSalle, PhD  *Dept. Microbiol (UCDCCC/MIND)* |
| 10:50–11:15 am | Fragile X and related syndromes  *Note: this is the area, the final title is pending.* | Paul Hagerman, MD, PhD  *Dept. Biochem & Mol Med* *(MIND)* |
| 11:15–11:40 am | A novel class of early replicating fragile sites contributing to genome instability in B cell lymphoma | Jacqueline Barlow, PhD  *Dept. Microbiol and Mol Genetics* |
| **11:50–1:50 pm** | **Poster Session and Lunch** | **All** | **Marriott Ballroom** |
| **SESSION II -**  **The Roles of PTEN in Cancer and Autism**  *Chair: Luis Carvajal-Carmona, PhD* | | | |
| **2:00–3:00 pm** | **Nuclear PTEN in tumour suppression (Keynote)** | **Vuk Stambolic, PhD**  ***Princess Margaret Cancer Centre*** | **Cancer Center Auditorium** |
| 3:00–3:30 pm | Autism-relevant behavioral phenotypes in Pten mutant mice | Jacqueline Crawley, PhD  *Dept. Psychiat & Behav Sci (MIND)* |
| 3:30–3:55 pm | PTEN, autism, and bioenergetics | Cecilia Giulivi, PhD  *Dept Mol Biosciences (MIND)* |
| 3:55–4:20 pm | Autism epidemiology  *Note: this is the area, the final title is pending.* | Rebecca Schmidt, PhD  *Dept. Public Health (MIND)* |
| 4:20–5:00 pm | Panel discussion with all speakers and session chairs | |

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| **Wednesday, September 24, 2014** | | | |
| **Time** | **Discussion** | **Presenter** | **Location** |
| **8:30–9:30 am** | **More than omics big data: Informatics and cancer (Keynote)** | **Brad Pollock, MPH, PhD**  ***Dept. Public Health Sciences*** | **Cancer Center Auditorium** |
| 9:30–10:00 am | UC Davis-JAX PDX program: *Where is it and where is it going?* | Chong-xian Pan, MD, PhD  *Div. Hematology Oncology* |
| 10:00–10:10 am | **Break** | |
| 10:10–10:30 am | Big data and the PDX program  *Note: this is the area, the final title is pending.* | Monte LaBute, PhD  *Lawrence Livermore Natl Lab* |
| **10:30–11:00 am** | **The RASopathies: Novel Clinic Model for Care (Keynote)** | **Katherine Rauen, MD, PhD**  **Liga Bivina, MS, LCGC**  ***Dept. Pediatrics*** |
| 11:00–11:20 am | Use of California Cancer Registry data to evaluate HCC surveillance. | Rosemary Cress, PhD, MPH  *Dept. Public Health Sciences*  Cara Torruellas, MD, MPH  *Div. Gastroenterology & Hepatol* |  |
| 11:20–1:20 pm | **Poster Session and Lunch** | **All** | **Marriott Ballroom** |
| 1:20–1:40 pm | Community to bedside to bench: Approaches to disparities in liver cancer among Asian Americans | Christopher Bowlus, MD  *Div. Gastroenterology & Hepatol* | **Cancer Center Auditorium** |
| 1:40–2:00 pm | Native voices in cancer research | Marlene von Friederichs-Fitzwater, MS, PhD, MPH  *Div. Hematology Oncology* |
| 2:00–2:20 pm | Assessment of quality of care at UCDCCC | Richard Bold, MD  *Div. Surgical Oncology* |
| 2:20–2:40 pm | Targeted drug delivery and innovative methods to treat malignant pain | David Copenhaver, MD, MPH  *Div. Pain Medicine* |
| 2:40–2:50 pm | **Break** | |
| 2:50–3:10 pm | Cadherin mechanics in cancer cell invasion | Soichiro Yamada, PhD  *Dept. Biomedical Engineering* |
| 3:10–3:30 pm | Targeting chemoresistant breast cancer cell populations | Ashley Rowson, PhD  *Dept. Biochem & Mol Med* |
| 3:30–3:50 pm | Label-free optical techniques for real-time intraoperative delineation of surgical margins | Laura Marcu, PhD  *Dept. Biomedical Engineering* |
| 3:50–4:10 pm | Personalizing radiotherapy with pulmonary functional imaging | Tokihiro Yamamoto, PhD  *Dept. Radiation Oncology* |
| **Symposium Close** | | | |