Welcome to the first CRI email newsletter. We will distribute these twice a year to update CRI affiliates. Scroll down for information on:
- Research Highlights
- Upcoming Events
- Funding Opportunities
- New members

Please also visit our website at https://cancerresearch.uci.edu for updates between newsletters, and to access the Research Resources page for preparing grant applications.

**Publication Highlights**

- "Genotoxic stress and viral infection induce transient expression of APOBEC3A and pro-inflammatory genes through two distinct pathways." *Nature Communication* featuring Drs. Buisson and Seldin
  
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- "Drug-like sphingolipid SH-BC-893 opposes ceramide-induced mitochondrial fission and corrects diet-induced obesity." *EMBO Molecular Medicine* paper featuring Drs. Edinger, Fleischman and Masri
  
  READ MORE

- "An atlas of alternative polyadenylation quantitative trait loci contributing to complex trait and disease heritability." *Nature Genetics* paper featuring Dr. Wei Li
  
  READ MORE

- "Fibroblasts: Origins, definitions, and functions in health and disease." *CELL* paper featuring Dr. Maksim Plikus
  
  READ MORE

- "Expansion of tumor-associated Treg cells upon disruption of a CTLA-4-dependent feedback loop." *CELL* paper featuring Dr. Francisco Marangoni
  
  READ MORE

- "Targeting the Mevalonate Pathway in Cancer" *Trends in Cancer* paper featuring Dr. David Fruman
  
  READ MORE
UPCOMING EVENTS

Cancer Biology RIP Talk Mini Symposium
November 4th, 3 – 5 pm
105 Sprague Hall
Jordan Woytash, PhD and PhD Candidates Jessie Altieri and Kristina Bjegovic will be presenting their research followed by a social hour in the healing garden.

19th Annual Immunology Fair
Click Here for IFI Website
Dec. 2, 2021, 9:00 AM - 4:45 PM &
Dec. 3, 2021, 9:00 AM - 3:45 PM PST
UCI Student Center, Pacific Ballrooms C and D

OncoSlayer Bake Sale
The Oncoslayer Coffee & Bake Sale Returns
December 8th 2021 9 – 3 pm. Stop by and enjoy a cut of hot cocoa or coffee in preparation for our California winter

Deaminet 2022
Palm Springs, CA
For more information, click here

3rd International Conference On Base Editing
“Enzymes and Applications”
Hosted by University of Minnesota
Supported by the CRI

Chao Family Comprehensive Cancer Center
22nd Chao Lectureship
Community Lecture, March 9, 2022
Scientific Lecture, March 10, 2022
Karen Knudsen, MBA, PhD is the Chief Executive Officer of the American Cancer Society. Prior to joining ACS, Dr. Knudsen served as executive vice president of Oncology Services and enterprise director for Sidney Kimmel Cancer Center at Jefferson Health.

Interdisciplinary Cancer Research (IDCR) Training Grant Retreat
April 22 –24, 2022
La Jolla, California

The CRI Campus Wide Symposium on Basic Cancer Research
May 6th, 2022 from 8 – 2 PM
Sprague Hall

SPOTLIGHT

$200K V FOUNDATION AWARD awarded to Dr. Christopher Halbrook for his proposal “Overcoming Metabolic Heterogeneity to Target Pancreatic Cancer”.

“Cancer Immunotherapy Targeting Tn Antigen” NCI Grant awarded to Dr. Michael Demetriou. This grant aims to develop a novel class of immunotherapeutic proteins for cancer that target Tn antigen common to many solid and hematopoietic cancers.

CAREER & PROFESSIONAL DEVELOPMENT

- GPS-STEM Website
- CRI is co-sponsoring the “Effective Mentoring” workshop with ICTS and GPS-STEM
- UCI Shared Research Resources for Grant Writing HERE
NEW FUNDING

- **Remi Buisson** - 1R37CA252081 - Molecular Mechanisms of APOBEC-Induced Mutagenesis in Cancer 7/1/21-6/30/26
- **Aimee Edinger** - 1R01CA254360 - A novel strategy to overcome drug resistance in cancer 3/1/21-2/28/26
- **Cholsoon Jang** - 1R01AA029124 - Elucidating dietary fructose and alcohol interactions during liver cancer development – 8/1/21-5/31/26
- **Mei Kong** - 1R01CA244360 - Using dietary glutamine supplementation for melanoma prevention and targeted therapy 7/1/21-6/30/26
- **Thomas Martinez** - 1K01CA249038 - The Roles of a Novel Microprotein in Wound Healing and Cancer – 9/1/21-8/31/26
- **Marcus Seldin** - 1DP1DK130640 - Integrative approaches to dissection of endocrine communication 9/17/21-7/31/26
- **Robert Spitale** - 1R21AG073787 - Engineered Human Microglia As A Cell-Based Therapy For A-Beta Plaque Removal – 9/1/21-5/31/23
- **Kyoko Yokomori** - 1R21AR079654 - Functional and mechanistic analysis of FSHD myocytes – 9/22/21-8/31/23

NEW CRI AFFILIATES FY 21/22

- Wei Li • Pamela Becker • Thomas Martinez • Lauren Albrecht • Claire Yu • Xiaolin Zi • Zhuoli Zhang •

Reminders

- Labs needed for Summer 2022 Youth Science Fellowship Program. Email Nita Driscoll if you volunteer nrdrisco@uci.edu
- T32 Interdisciplinary Cancer Research Program is collecting Postdoc Nominations on a rolling basis. Contact PI: David Fruman dfruman@uci.edu for more information

You are receiving this email because you are a CRI Affiliate. If you would like to have anything published, please email us at CRI@uci.edu.

Next Publication will be Spring 2022.