



OligoMET Center  
ROBIN  
RADIATION ONCOLOGY-BIOLOGY  
INTEGRATION NETWORK



Weill Cornell  
Medicine



UNIVERSITY of MARYLAND  
RADIATION ONCOLOGY



Jefferson®  
HEALTH IS ALL WE DO

# ROBIN OligoMET Center

## Quarterly Update

### Feb 2024

#### News

- 12<sup>th</sup> Annual Practical Genomics from Biology to Biostatistics Workshop
- Dr. Eddie Imada Awarded by Department of Defense
- Dr. Mohamed Omar Awarded by Department of Defense
- Seminar at the Johns Hopkins Bloomberg School of Public Health Featured a Presentation by Dr. Phuoc Tran
- University of Maryland Baltimore Radiation Oncology Holiday Gathering
- First Annual ROBIN Network Symposium

#### New Hires and Farewells

- No New Hires and Farewells

#### Monthly Research Updates

## News

### 12<sup>th</sup> Annual Practical Genomics from Biology to Biostatistics Workshop

**12th Annual  
PRACTICAL  
GENOMICS  
WORKSHOP**

From Biology to Biostatistics

**October 30 - 31, November 6 - 7**

- 4-day workshop in Baltimore and New York
- Intensive, hands-on learning experience teaching single cell RNA-seq analysis with Bioconductor and R
- **Oct. 30 & 31:** students will be introduced to genomic data science using R/RStudio, tidyverse, and Bioconductor
- **Nov. 6 & 7:** students will learn clustering, marker gene detection, differential expression, and dimension reduction through hands-on exercises and breakout sessions

For more information:  
[bit.ly/practicalgenomics2023](https://bit.ly/practicalgenomics2023)

Students & Postdocs: \$350, Faculty & Staff: \$550

JOHNS HOPKINS SCHOOL OF MEDICINE

CONVERGENCE INSTITUTE

idies  
The Institute for Data, Evidence, and Science

CARNEGIE SCIENCE  
Embryology

OligoMET Center  
ROBIN  
RADIATION ONCOLOGY, GENOMICS,  
AND BIOLOGY  
INTEGRATION NETWORK

SciServer

Weill Cornell  
Medicine

The ROBIN OligoMET Center held its 12<sup>th</sup> annual workshop on genomics. This 4-day workshop was led by Dr. Eddie Imada on October and November.

## **Dr. Eddie Imada Awarded by Department of Defense**



Congratulations to Dr. Imada on being awarded \$900,000 by DOD to study "Characterizing 3'-UTR biology as a mechanism of therapy response in high risk Prostate Cancer."

## **Dr. Mohamed Omar Awarded by Department of Defense**

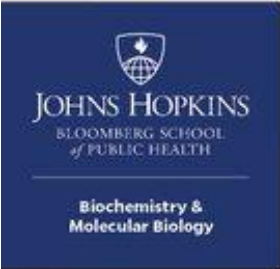


Congratulations to Dr. Omar on being awarded \$900,000 by DOD to study "Decoding Bone Metastasis in Prostate Cancer: A Multimodal Approach Integrating Genomics and Imaging Data."

**Seminar at the Johns Hopkins Bloomberg School of Public Health Featured a  
Presentation by Dr. Phuoc Tran**


Monday, December 4, 2023  
Noon - 1 p.m.  
*Becton Dickinson Hall (W1020)*

**BMB SEMINAR SERIES**

**JOHNS HOPKINS**  
BLOOMBERG SCHOOL  
of PUBLIC HEALTH  
**Biochemistry &  
Molecular Biology**

**The Early Beginnings  
of Metastatic Prostate  
Cancer – Biomarkers  
to Metastasis-Directed  
Therapy**

Phouc Tran, MD, PhD  
Professor and Vice Chair  
Radiation Oncology Department  
University of Maryland



Contact: Udochi Ezeala at [uezeala1@jhu.edu](mailto:uezeala1@jhu.edu)

Dr. Tran presented at the Biochemistry and Molecular Biology Dept. at the Johns Hopkins Bloomberg School of Public Health in early December.

## University of Maryland Baltimore Radiation Oncology Holiday Gathering



This holiday group photo include the Tran's lab and staff members. Thanks to everyone for all the continued hard work! Celebrating together with the team was a great way to end the year.

## First Annual ROBIN Network Symposium



The ROBIN OligoMET Center hosted the first annual ROBIN Network symposium on January 18<sup>th</sup> and 19<sup>th</sup>. There were 49 in-person and 33 online registrations. On Friday, due to heavy snow, the team had to pivot and go fully online. There were up to 63 online participants on this day.

## New Hires and Farewells

No new hires and farewells

## Monthly Research Updates

<b>NOVEMBER AT A GLANCE TOTALS</b>	<b>DECEMBER AT A GLANCE TOTALS</b>	<b>JANUARY AT A GLANCE TOTALS</b>
<b>Publications</b> 9	<b>Publications</b> 7	<b>Publications</b> 8
<b>Grants and contracts</b>	<b>Grants and contracts</b>	<b>Grants and contracts</b>
<b>New awards</b> 0	<b>New awards</b> 0	<b>New awards</b> 0
<b>Submitted</b> 1	<b>Submitted</b> 1	<b>Submitted</b> 2
<b>Oral Presentations</b> 1	<b>Oral Presentations</b> 1	<b>Oral Presentations</b> 0
<b>Abstracts</b> 0	<b>Abstracts</b> 0	<b>Abstracts</b> 0
<b>Clinical trials</b>	<b>Clinical trials</b>	<b>Clinical trials</b>
<b>TERPS</b> 2	<b>TERPS</b> 1	<b>TERPS</b> 2
<b>Awards/Honors</b> 0	<b>Awards/Honors</b> 0	<b>Awards/Honors</b> 2