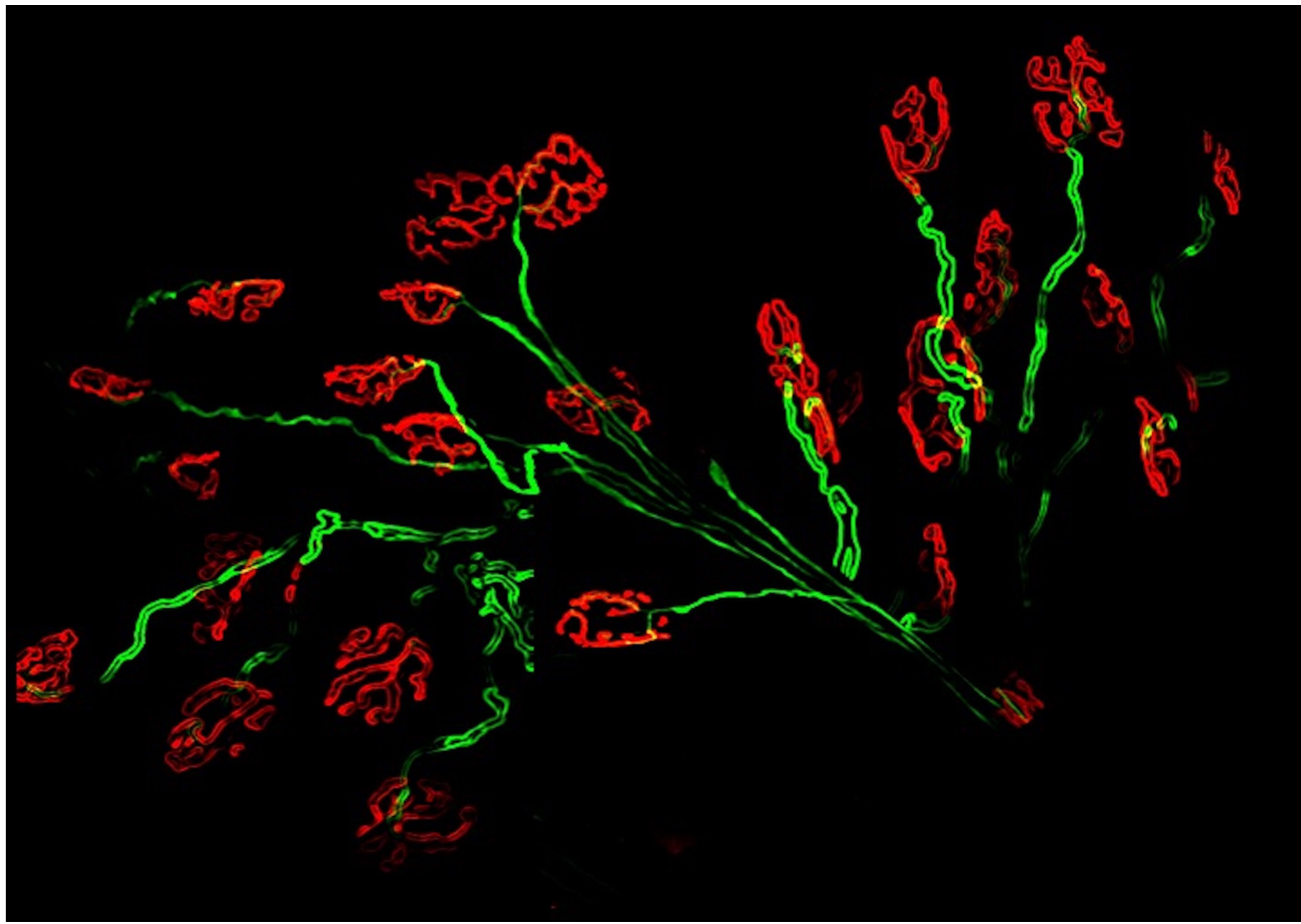


THE NINETEENTH ANNUAL BIOMEDICAL POSTDOCTORAL RESEARCH SYMPOSIUM



Featuring oral presentations from Penn postdocs on cancer, COVID-19, skeletal muscle, cell signaling, HIV and obesity.

Prizes for the best oral and poster presentations and art in science images will be awarded!

Image credit: Natasha Jaiswal

JANUARY 28TH AND 29TH 2021
VIRTUALLY HOSTED BY WHOVA

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**PRESENTED BY THE BIOMEDICAL POSTDOCTORAL COUNCIL &
BIOMEDICAL POSTDOCTORAL PROGRAMS**

SCHEDULE OF EVENTS

2021 FEATURED SPEAKERS

Jan 28

CAREER PANELS

POSTER SESSION

Jan 29

**KEYNOTE LECTURE #1
DR. TURNER**

PLATFORM SESSION #1

**KUMAR MEMORIAL
LECTURE: DR. WOFFORD**

PLATFORM SESSION #2

**KEYNOTE LECTURE #2
DR. ALVAREZ**



Dr. Jill Turner
*University of
Kentucky*
Keynote Speaker



Dr. Kate Wofford
*University of
Pennsylvania*
Kumar Memorial Speaker



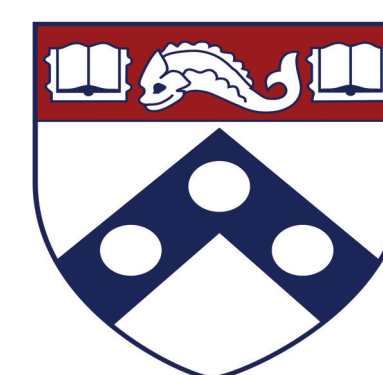
Dr. James Alvarez
Duke University
Keynote Speaker



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council



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postdoctoral
programs



Perelman School of Medicine
School of Veterinary Medicine
School of Dental Medicine
School of Nursing

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SCHEDULE OF EVENTS

THURSDAY, JANUARY 28TH, 2021

REGISTRATION	11:00 AM - 12:00 PM
CAREER PANEL WITH PENN POSTDOC ALUMNI	12:00 PM - 1:00 PM
POSTER SESSION WITH CURRENT PENN POSTDOCS	2:00 PM - 4:00 PM

FRIDAY, JANUARY 29TH, 2021

OPENING REMARKS	9:45 AM - 10:00 AM
KEYNOTE SESSION #1	10:00 AM - 10:30 AM

JILL TURNER UNIVERSITY OF KENTUCKY

PLATFORM SESSION #1

OXANA DMITRIEVA	SUPPRESSION OF COLORECTAL CANCER BY KETOGENIC DIET AND BETA-HYDROXYBUTYRATE	10:40 AM - 10:55 AM
KSENIYA OBRAZTSOVA	MOUSE MODEL SHEDS LIGHT ON THE MOLECULAR MECHANISMS UNDERLYING HISTOPATHOLOGY OF PULMONARY LYMPHANGIOLEIOMYOMATOSIS (LAM)	10:55 AM - 11:10 AM
NATASHA JAISWAL	MECHANISMS OF INSULIN ACTION IN SKELETAL MUSCLE INSULIN RESISTANCE AND GLUCOSE HOMEOSTASIS	11:10 AM - 11:25 AM
RONAN LORDAN	EXERCISE TRAINING RESCUES EXERCISE TOLERANCE AND ATTENUATES FEATURES OF AGING IN SKELETAL MUSCLE OF <i>Bmal1</i> KO MICE	11:25 AM - 11:40 AM
STEVE GILHOOL	NOVEL ALGORITHM ACCURATELY DETECTS ERRORS IN GROWTH DATA USING GAUSSIAN PROCESS REGRESSION AND BAYESIAN OUTLIER METHODS	11:40 AM - 11:55 AM

LUNCH	12:00 PM - 1:00 PM
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KUMAR MEMORIAL LECTURE	1:00 PM - 1:30 PM
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KATHRYN WOFFORD USING INJURY KINEMATICS OF MILD CLOSED HEAD DIFFUSE TRAUMATIC BRAIN INJURY TO PREDICT RECOVERY OUTCOMES IN SWINE

PLATFORM SESSION #2

QU DENG	TARGETING ANDROGEN REGULATION OF <i>Tmprss2</i> AND <i>Ace2</i> AS A THERAPEUTIC STRATEGY TO COMBAT COVID-19	1:30 PM - 1:45 PM
DOVIE WATSON	HIV PRE-EXPOSURE PROPHYLAXIS COUNSELING AMONG NON-HISPANIC BLACK YOUTH DIAGNOSED WITH BACTERIAL STIs, 2014-2019	1:45 PM - 2:00 PM
RAJ PUTATUNDA	DOLUTEGRAVIR INHIBITS OLIGODENDROCYTE MATURATION: ROLES FOR THE INTEGRATED STRESS RESPONSE AND LYSOSOMAL HOMEOSTASIS	2:00 PM - 2:15 PM
KATELYN WALZER	THE CRYPTOSPORIDIUM SINGLE-CELL ATLAS REVEALS KEY LIFE CYCLE STAGES AND A COMMITMENT TO MALE AND FEMALE DEVELOPMENT	2:15 PM - 2:30 PM

KEYNOTE SESSION #2	2:30 PM - 3:00 PM
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JAMES ALVAREZ DUKE UNIVERSITY

AWARDS AND THANKS	3:10 PM - 3:30 PM
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