



THE OHIO STATE UNIVERSITY
CENTER FOR CLINICAL AND
TRANSLATIONAL SCIENCE



NATIONWIDE CHILDREN'S
HOSPITAL

6th ANNUAL SCIENTIFIC MEETING POSTER WINNERS

DECEMBER 4, 2018
THE OHIO UNION

Category: Faculty and Research Scientists
First Place

Thomas Mace: CD200 promotes immunosuppression in the
pancreatic tumor microenvironment
College of Medicine
Internal Medicine

Second Place

Zhiwei Hu: Targeting tissue factor for immunotherapy of
triple-negative breast cancer using a second-generation ICON
College of Medicine
Surgery

Third Place

David Bradley: Alterations in human visceral adipose tissue
type 2 innate lymphoid cells (ILC2s) with aging and as a
determinant of insulin resistance
College of Medicine
Internal Medicine

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NATIONWIDE CHILDREN'S
HOSPITAL

Category: Graduate Students
First Place

Julie Mazzarella: Kinematic assessment of upper extremity motor development in infants with and without neonatal stroke at 8-12 weeks of age

College of Medicine

Health and Rehabilitation Services

PI: Dr. Jill Heathcock

Second Place

Patrick Dougherty: Discovery of a peptidyl calcineurin-NFAT interaction inhibitor with in vivo efficacy in a mouse model of acute respiratory distress syndrome

College of Arts and Sciences

Chemistry

PI: Dr. Dehua Pei

Third Place

Kimberley Scott: The relationship between parent-reported PEDI-CAT mobility and gross motor function

College of Medicine

Health and Rehabilitation Services

PI: Dr. Jill Heathcock

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Category: Postdoctoral Fellows, Clinical Fellows, and
Residents

First Place

Martin Benej: Therapeutic targeting of mitochondrial
metabolism improves the response to radiation therapy

College of Medicine

Radiation Oncology

PI: Dr. Nicholas Denko

Second Place

Alix Leblanc: Targeting transporters to ameliorate
chemotherapy-induced peripheral neuropathy

College of Pharmacy

PI: Dr. Alex Sparreboom

Third Place

Agumas Tiruye: Accuracy of the color plate micro-colony
detection for the diagnosis of M. tuberculosis complex in
northwest Ethiopia

College of Veterinary Medicine

Veterinary Preventative Medicine

PI: Dr. Agumas Shibabaw

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NATIONWIDE CHILDREN'S
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Category: Research Staff and Clinical Research
Coordinators

First Place

Shirley Tang: Non-viral reprogramming of degenerate
intervertebral disc cells induce trans-differentiation to a
healthy phenotype with enhanced extracellular matrix
accumulation

College of Engineering

PI: Dr. Devina Purmessur

Second Place

Hyunwook Lee: mTORC1 mediates plasma membrane repair
in ventilator-induced lung injury

College of Medicine

Internal Medicine

PI: Dr. Joshua Englert

Third Place

Wesley Barnhart: Better Together: cooking matters for
adults with developmental disabilities and direct support
professionals in Ohio

Nisonger Center

PI: Dr. Susan Haverkamp

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