First Vaccine for Deadly Parasitic Infection May Prevent Global Disease Outbreak

As scientists are working hard to get a Zika virus vaccine into human trials by the end of the summer, a team of researchers is working on the first-ever vaccine to prevent another insect-borne disease, Leishmaniasis, from gaining a similar foothold in the Americas.

"The Ebola and Zika outbreaks show how so-called 'neglected' tropical diseases can quickly turn into global public health issues," said Abhay Satoskar, MD, PhD.

"This vaccine ... could give us the opportunity to stop Leishmania infections before they start, and prevent the type of global spread we've seen with other diseases."

Read more

Tools of the Trade: Rare Diseases

"Tools of the Trade: Rare Diseases," scheduled for May 10, 2016 from 9:00am - 3:00pm in the Biomedical Research Tower (115), is a program led by researchers with special expertise in conducting clinical and translational research in rare diseases.

The program is designed to explain how rare disease research presents unique challenges and provide the information, tools and resources available to help investigators successfully overcome these challenges.

The agenda will cover:

- Designing a rare disease research study
- Partnering with rare disease community organizations
- Forming collaborative partnerships
- Supportive tools and resources
- Getting grants funded, manuscripts published, and results disseminated in rare disease research

Download the full agenda and register online

REDCap Application Upgrade
An upgrade to the OSUWMC REDCap Applications (both PHI and non-PHI instances) will bring many new features to REDCap. A training session on Friday, April 22, 2016 from 9:00 - 10:00am in Prior Hall (room 240), will cover many of the new features. | Register online

Test accounts for users who would like to review these new features in a “sandbox” environment can be requested via email to CCTS-informatics@osumc.edu.

The REDCap application will undergo a scheduled downtime period between 8:00pm on April 22, 2016 and 8:00am on April 23, 2016 to allow for the update.

RFA: Core Services Voucher Program

Beginning May 1, 2016, the CCTS Core Services Voucher Program will award OSU and NCH investigators with vouchers worth up to $3,000 in eligible core services per investigator and per project.

Researchers can request the voucher service through the Computerized Research Record (CoRR) service request system, which will begin the process. All researchers with approved requests will work with the core service staff to complete the process and receive their voucher award.

Get more information and submit a request

New Graduate Minor in Applied Clinical and Preclinical Research

The new online Graduate Minor in Applied Clinical and Preclinical Research provides students with the foundation for conducting clinical and preclinical research studies.

Completion of the coursework in the minor meets the major competencies established by the Joint Task Force Core Competencies for Clinical Research Professionals.

Get more information

New NIH Grant Submission Rules Seminar

Beginning in January 2016, the NIH introduced new rules designed to improve the rigor of the experimental design of grants and to increase the reproducibility of experiments.

On June 8, 2016, from 3:00 - 4:00pm in Prior Hall (room 400), the CCTS will host Chandan Sen, PhD, and Phil Diaz, MD, to provide first-hand accounts of how NIH study sections are responding to the new rules.

The presenters will advise attendees on how to successfully meet these new
rules in NIH grant submissions and highlight the good, the bad, and the ugly that they have seen in grant applications. | Direct questions to Stuart Hobbs

Register for the seminar

MACPR Information Session

The online Masters in Applied Clinical and Preclinical Research (MACPR) program is hosting an on campus information session on Tuesday, May 10, 2016 at 4:30pm in Prior Hall (room 240).

The MACPR program is an asynchronous, flexible, interdisciplinary graduate degree program that can be completed as a part- or full-time student. Specializations are offered in clinical research management, regulatory affairs, and clinical and safety pharmacology.

Contact Nikki Herbert for more information

Research Data Repository Training Sessions

The Ohio State University Research Data Repository (RDR) is an IRB-approved database and application, implemented using the i2b2 software product, which provides OSU researchers the ability to perform self-service cohort discovery for research purposes utilizing data sourced from the Ohio State Wexner Medical Center Electronic Health Record (EHR).

Two options are available for attendees in the coming months, as classes will be offered on May 19, 2016 from 10:00am - 12:00pm and June 14, 2016 from 9:00am - 11:00am.

Get more information and register

Transcriptional Profiling May Help Diagnose Rhinovirus Infection, Common Cause of Colds, Pneumonia

M. Asuncion Mejias, MD, PhD, principal investigator in the Center for Vaccines and Immunity in The Research Institute at Nationwide Children's Hospital, is senior author of an American Journal of Respiratory and Critical Care Medicine study that demonstrated benefits of transcriptional profiling, or measuring the activity of thousands of genes at once to create a snapshot of cellular function.

This process allows for quick discrimination between active rhinovirus infection and incidental presence of the virus without symptoms of infection.

Read more

Annual Bremer Foundation Lectureship

The Annual Bremer Foundation Lectureship will present "Antimicrobial Peptides,
Antimicrobial Proteins, and the Non-Inflammatory and Somewhat Mysterious Defense of Epithelial Surfaces" on May 11, 2016 from 3:00 - 4:00pm in the Discovery Auditorium (WA1020) at The Research Institute at Nationwide Children’s Hospital.

The program will be simulcast in WA1525 and WB1110 at NCH and at OSU in DHLRI 170. For questions, please contact Pat Black.

Clinical and Translational Science Winner

The CCTS would like to congratulate Yu Kyoung Cho, a graduate (MS, PhD) student in pharmaceutics, as this year’s recipient of the CCTS Clinical and Translational Science Award from the OSU College of Pharmacy Research Day.

The award was given for her research project and poster, “Population Pharmacokinetic and Pharmacodynamic Modeling for Personalized Melphalan Regimen in Multiple Myeloma Patients,” which was on display as part of the event.

Research Development and Grant Writing Newsletter

The OSU Office of Research provides a campus-wide subscription to a Research Development and Grant Writing Newsletter (OSU login required).

The April 2016 issue includes insight into how readers read your proposal, organizing the proposal narrative, successful models to help junior faculty, the chronicle of proposal flaws, new funding opportunities, and more.

International Conference on Mathematical and Computational Medicine

The Battelle Center for Mathematical Medicine is hosting its third international conference, May 16-18, 2016 in the Blackwell Hotel in Columbus, Ohio. Sessions include genetics and genomics, biomarker discovery, and more.

For more information or to register, visit the conference webpage.

Toolkit Resources

The first CCTS Clinical Research Boot Camp is complete and now a page of resources is available to access some of the materials covered in the program.

For those that missed the chance to enroll in the previous 3-week session (ended February 4th), please look for the next program to take place in late summer or early fall 2016.

Access the boot camp Resources
Learn more about CRC services

NCATS e-Newsletter
Read about the latest translational science news, opportunities, and announcements in the March edition of the NCATS e-Newsletter and the NIH's Weekly Funding Notice.

Read the latest NCATS e-Newsletter | NIH Weekly Funding Notice

Read the latest news from ACTS
Read about the latest news in translational science and find out about grant opportunities from the April edition of the Association for Clinical and Translational Science's monthly newsletter, the ACTS Connection.

Read the April edition of the ACTS Connection

**APR 22, 2016**
REDCap Upgrade Training Session
9:00am - 10:00am | Get more information

**MAY 1, 2016**
RFA: CCTS Core Services Voucher Program begins
Get more information

**MAY 10, 2016**
Tools of the Trade: Rare Diseases
9:00am - 3:00pm | Register online

**MAY 10, 2016**
MACPR Information Session
4:30pm | Email for more information
May 11, 2016
Annual Bremer Foundation Lectureship
5:00pm | Email for more information

May 16, 2016
International Conference on Mathematical and Computational Medicine
May 16 - 18, 2016 | Get more information

May 19, 2016
Research Data Repository Training Session
10:00am - 12:00pm | Get more info and register

Jun 8, 2016
New NIH Grant Submission Rules Seminar
3:00pm - 4:00pm | Get more information

Jun 14, 2016
Research Data Repository Training Session
9:00am - 11:00am | Get more info and register

Cite & Submit
Publications supported by the OSU CCTS must cite the CTSA grant number (UL1TR001070) and be submitted to PubMed Central. For instructions, review the NIH Public Access Policy on the CCTS website.

UL1TR001070

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