

# EUREKA!



American  
Urological  
Association  
Education & Research, Inc.

## Research News & Funding Digest

### NEW THIS WEEK

#### Organoids Created from Patients' Bladder Cancers Could Guide Treatment

Researchers at Columbia University Irving Medical Center (CUIMC) and NewYork-Presbyterian researchers have created patient-specific bladder cancer organoids that mimic many of the characteristics of actual tumors. The use of organoids, tiny 3-D spheres derived from a patient's own tumor, may be useful in the future to guide treatment of patients. The study is published online in [Cell](#) and is **co-authored by current Urology Care Foundation Research Scholar Suk Hyung Lee (first author), former Research Scholar Tomasz B. Owczarek, and former Residency Research Awardee LaMont Barlow, among others.**

[Learn More](#)

#### Pilot and Feasibility Clinical Research Grants in Urologic Disorders (R21 Clinical Trial Optional)

This Funding Opportunity Announcement (FOA) is to support Exploratory/Developmental Research Grants (R21) that propose small scale or pilot and feasibility clinical and translational research studies, including epidemiological studies or clinical trials related to urologic disorders research. Studies should address important clinical and translational questions that are potentially of high clinical and public health impact. It is anticipated that some projects supported by these grants may lead to full-scale clinical studies including diagnostic strategies, epidemiological studies, or randomized clinical trials of prevention, diagnosis or treatment of urologic disorders. **The application deadline is July 16, 2018.**

[View FOA](#)

#### Secondary Analyses in Obesity, Diabetes and Digestive and Kidney Diseases (R21 Clinical Trial Not Allowed)

This Funding Opportunity Announcement (FOA) encourages R21 applications that propose to conduct secondary analyses of existing data sets relevant to diabetes and selected endocrine and metabolic diseases including thyroid, parathyroid and Cushing's diseases and acromegaly; and genetic metabolic disease including cystic fibrosis, lysosomal storage diseases, and disorders of the urea cycle, amino acid metabolism and metal transport where the focus is on peripheral metabolism or organ function; obesity, liver diseases, alimentary GI tract diseases and nutrition; kidney, urologic, and hematologic diseases. The goal of this program is to facilitate research that explores innovative hypotheses through the use of existing data sets or data, for which the primary goal is data analysis and not preparation/presentation of data. **The application deadline is July 16, 2018.**

[View FOA](#)

#### NIH Completes In-Depth Genomic Analysis of 33 Cancer Types

Researchers funded by the National Institutes of Health have completed a detailed genomic analysis, known as

the [PanCancer Atlas](#), on a data set of molecular and clinical information from over 10,000 tumors representing 33 types of cancer. The PanCancer Atlas, [published as a collection of 27 papers across a suite of Cell journals](#), sums up the work accomplished by The Cancer Genome Atlas (TCGA) – a multi-institution collaboration initiated and supported by the National Human Genome Research Institute (NHGRI) and the National Cancer Institute (NCI), both part of NIH. The program, with over \$300 million in total funding, involved upwards of 150 researchers at more than two dozen institutions across North America.

[Learn More](#)

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## ICA Calling for Applications for Board of Directors

[Interstitial Cystitis Association \(ICA\)](#) is calling for applications of knowledgeable, engaged, and inspired volunteers to fill positions to lead, advise, and support the activities of ICA by serving on its Board of Directors for a three-year term. The Board plays a leadership role in implementing strategic direction while securing funds to advance ICA and its mission. Board members collectively represent a range of skills, experience, and expertise in the public, private, and non-profit sectors.

[Learn More](#)

## IN THE AUA

### Save the Date! NIDDK/AUA Workshop on Congenital Anomalies of External Genitalia

The Congenital Anomalies of External Genitalia Workshop will be held on **May 31 - June 1, 2018 at AUA Headquarters in Linthicum, MD**. This two-day meeting will bring together researchers from a range of disciplines, including pediatric urology, developmental biology, genetics & genomics, biomechanics, endocrinology, and epidemiology, with the goal of advancing basic and clinical research in hypospadias and related disorders of external genital development. Presentations and roundtable discussions of current research strategies will aim to identify key knowledge gaps and missed opportunities and to develop potential investigative solutions that will address deficiencies in the field. Basic and clinical researchers interested in the causes of hypospadias and related congenital anomalies of external genitalia are encouraged to attend.

## CONFERENCES AND WORKSHOPS

### "Cellular Functions in Urology" hosted by the University of Wisconsin-Madison O'Brien Center

The [George M. O'Brien Urology Research Center at the University of Wisconsin-Madison](#) will hold its Spring Symposium titled "Cellular Functions in Urology" on April 20-21, 2018 at the UW-Madison Health Sciences Learning Center in Madison, Wisconsin. **The registration deadline is April 16, 2018.**

[Register Now](#)

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## Multidisciplinary Benign Urology Research Day

The Multidisciplinary Benign Urology Research Day is sponsored by the Duke Multidisciplinary K12 Urologic Research Career Development Program (KURe) and the Duke Pelvic Medicine Research Consortium (PMRC). The event will be held on **May 11, 2018 at Duke University in Durham, North Carolina**. Panel discussions include urinary stone disease and the role of environmental exposures and lifestyle in genitourinary development and disease. Research and clinicians from any discipline are encouraged to attend. The event will also provide opportunities for oral and poster presentations, trainee awards, and lunch with experts.

[Register Now](#)

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## Third Global Summit on Precision Diagnosis and Treatment of Prostate Cancer - AdMeTech Foundation

The [Third Global Summit on Precision Diagnosis and Treatment of Prostate Cancer](#) will be held in **Boston, MA on August 3-5, 2018**. This meeting is a unique multi-disciplinary forum organized to fill the currently existing gap between the key experts of in vivo imaging, the world authorities in the in vitro fluid- and tissue-based molecular diagnostics, including genomics, and thought leaders in the development of observation strategies (e.g., active surveillance) and novel therapeutic interventions. The goal is to inform the key health care stakeholders about the emerging advances in clinical case and research and create a consensus-based vision for the future of precision care and educational and research strategy for its realization. The Third Global Summit will build on the success of the First and Second Global Summits, which have emerged as the seminal events in recognizing radiogenomics – integrating imaging and molecular diagnostics – as the future of patient care.

[Learn More](#)

### FUNDING OPPORTUNITIES

## Specialized Centers of Research Excellence (SCORE) on Sex Differences (U54 Clinical Trial Optional)

The [Office of Research on Women's Health](#) and participating organizations and institutes seek applications for Specialized Centers of Research Excellence (SCORE) on Sex Differences. The Centers of Excellence will support interdisciplinary approaches to advance translational research on sex differences. Each SCORE institution should develop a research agenda bridging basic and clinical research underlying a health issue that is pertinent to improving the health of women. **The application deadline is April 16, 2018.**

[View FOA](#)

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## 2018 PCF Challenge Awards for Metastatic, Lethal Prostate Cancer

The [Prostate Cancer Foundation \(PCF\)](#) is pleased to announce a Request for Team Science Applications for PCF Challenge Awards for investigations of metastatic, lethal prostate cancer. These awards will be funded depending on the level of innovation in applications received. High risk, currently unfunded projects are most desired. PCF especially seeks applications conducting research in VA hospitals where research directly affects veterans with advanced prostate cancer. The Movember Foundation will fund approximately three (3) Movember Foundation-PCF Challenge Awards from U.S.-based teams with money it has raised in the U.S. Other funding sources will support additional PCF Challenge Awards at institutions from within or outside the U.S. **The application deadline is April 23, 2018.**

[View FOA](#)

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## Fundamental Mechanisms of Affective and Decisional Processes in Cancer Control (R01 Clinical Trial Optional)

The purpose of this Funding Opportunity Announcement (FOA) is to encourage projects to generate fundamental knowledge of affective processes. Basic affective science projects should have key consequences for single (e.g., cancer screening) and multiple (e.g., adherence to oral chemotherapy regimen) event decisions and behaviors across the cancer prevention and control continuum. The FOA is expected to encourage collaboration among cancer control researchers and those from scientific disciplines not traditionally connected to cancer control applications (e.g., affective and cognitive neuroscience, decision science, consumer science) to elucidate perplexing and understudied problems in affective and decision sciences with downstream implications for cancer prevention and control. **The application deadline is June 5,**

2018.

[View FOA](#)

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## High Priority HIV/AIDS Research within the Mission of the NIDDK (R01 Clinical Trial Optional)

This Funding Opportunity Announcement (FOA) seeks to stimulate HIV/AIDS research within the mission of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) that addresses high priority HIV/AIDS research priorities outlined by the NIH Office of AIDS Research (OAR). These priorities are described in [NOT-OD-15-137: NIH HIV/AIDS Research Priorities and Guidelines for Determining AIDS Funding](#). **The application deadline is June 5, 2018.**

[View FOA](#)

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## Integration of Imaging and Fluid-Based Tumor Monitoring in Cancer Therapy (R01 Clinical Trial Optional)

Through this funding opportunity announcement (FOA), the National Cancer Institute (NCI) seeks research project (R01) grant applications describing projects that integrate imaging and fluid-based tumor monitoring (liquid biopsy) assays during cancer therapy in patients to determine the optimal use of those modalities in the characterization of therapy response and/or emergence of resistance. **The application deadline is June 5, 2018.**

[View FOA](#)

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## NIH Underactive Bladder and Detrusor Activity in Aging

The NIH has released three Funding Opportunity Announcements (FOAs) inviting applications that propose basic, clinical, or translational research on underactive bladder (UAB) and detrusor underactivity (DU) and its consequences in aging and in older persons. Applications should focus on the 1) biology, etiology and pathophysiology of DU or UAB in animal models and/or older adults; 2) translation of basic/clinical research into clinical practice and health decision making; 3) diagnosis, prevention, management and clinical outcomes of UAB in older adults; and/or 4) epidemiology and risk factors for the development of DU/UAB with advancing age. Research supported by this initiative should enhance knowledge of DU/UAB and its consequences in older adults and provide evidence-based guidance in the diagnosis, evaluation, and treatment of DU/UAB in older persons. **View the FOAs below!**

- [R01 Clinical Trial Optional](#) - Application deadline: June 5, 2018.
- [R03 Clinical Trial Optional](#) - Application deadline: June 16, 2018.
- [R21 Clinical Trial Optional](#) - Application deadline: June 16, 2018.

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## National Centers for Translational Research in Reproduction and Infertility (P50 Clinical Trial Optional)

The purpose of this FOA is to announce the re-competition of the National Centers for Translational Research in Reproduction and Infertility (NCTRI). For the purpose of this FOA, reproductive health includes both fertility/infertility and gynecological health. The NCTRI will be administered through the Specialized Research Center (P50) award mechanism. These centers will form a national network that facilitates and accelerates bidirectional knowledge transfer between the laboratory and clinic with the ultimate goal of improving human reproductive and gynecological health through research excellence and innovation. For this FOA, applications that address the epigenetic bases of reproductive health will be strongly encouraged. Particular emphasis will be on applications that go beyond correlative studies to address possible causality and contributions of epigenomic variants to inherited reproductive health and disease. **The application deadline is June 29, 2018.**



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