

# EUREKA!



American  
Urological  
Association  
Education & Research, Inc.

## Research News & Funding Digest

### NEW THIS WEEK

#### 2018 AUA Annual Meeting Travel Awards - Application Deadline Extended!

The AUA Office of Research plans to offer travel funds to subsidize a portion of travel and lodging costs associated with attendance to the 2018 Basic Sciences Symposium: "Understanding Disorders and Differences in Sexual Development and Male Infertility." Funding is currently contingent on pending NIH R13 grant support. Applications are encouraged. The applicant must be a student, trainee or early-career investigator within ten years of completing residency or postdoctoral training. **The application deadline is now February 23, 2018.**

[Apply Now](#)

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

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. **Please contact [research@auanet.org](mailto:research@auanet.org) with any questions.**

#### 2018 Pediatric Urology Workshop

The Pediatric Urology Workshop, sponsored by the Division of Pediatric Urology at Cincinnati Children's Hospital Medical Center, will be held on **March 2-4, 2018 at The Westin in Downtown Cincinnati, OH.** This three-day clinical workshop is focused on the management of children with complex urological conditions and will consist of multiple learning platforms including lectures, collaborative break-out sessions, and invited speakers. This educational, interdisciplinary, and collaborative event will provide tremendous learning and networking opportunities.

[Learn More](#)

#### SMSNA Pfizer Fellowship in Men's Health

The **[Sexual Medicine Society of North America \(SMSNA\)](#)** is now accepting applications for the SMSNA Pfizer Fellowship in Men's Health. The purpose of the fellowship program is to support clinical and/or basic research in men's sexual health and foster development of expertise in the field of men's health. The funding is intended to supplement post-doctoral research activities and conference participation to present those activities. **The application deadline is April 2, 2018.**

[Learn More](#)

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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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## 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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## 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.**

[View FOA](#)

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## Gut Bacteria Influence Effectiveness of a Type of Immunotherapy

The NCI recently reported on three new studies published in *Science* that point to types and diversity of bacteria in the gut influence whether a patient will benefit from a type of immunotherapy used to treat cancer. All three studies identified groups of intestinal bugs that they classified as "good" and "bad" in terms of their influence on the response to checkpoint inhibitors. People who had lots of the good bacteria were more likely to respond to these drugs. People who had little of the good bacteria—or lots of the bad bacteria—were less likely to see their tumors shrink or stop growing in response to the drugs.

[Learn More](#)

**IN THE AUA**

**Still Time to Register for the 2018 Annual Urology Advocacy Summit**

The American Urological Association will host its first independent advocacy summit on **March 12-14, 2018 in Washington D.C.** This new, AUA-led event aims to expand, strengthen and unify the voice of urology on policy matters impacting our practices and patients by bringing together a broad array of stakeholders, including patient advocates and researchers. The conference will host speakers ranging from urologists to patients, government employees and members of Congress. It will also feature training in grassroots lobbying for those new to the process, and opportunities for participants to meet with lawmakers and their staff, and officials from agencies such as the Centers for Medicare & Medicaid Services or the National Institutes of Health.

[Register Now](#)

## CONFERENCES AND WORKSHOPS

### **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

### **The NCI Predoctoral to Postdoctoral Fellow Transition Award (F99/K00)**

The purpose of the NCI Predoctoral to Postdoctoral Fellow Transition Award (F99/K00) is to encourage and retain outstanding graduate students recognized by their institutions for their high potential and strong interest in pursuing careers as independent cancer researchers. The award will facilitate the transition of talented graduate students into successful cancer research postdoctoral appointments, and provide opportunities for career development activities relevant to their long-term career goals of becoming independent cancer researchers. **The application deadline is February 21, 2018.**

[View FOA](#)

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### **2018 Bladder Cancer Research Innovation Award - Bladder Cancer Advocacy Network**

The [Bladder Cancer Advocacy Network](#) (BCAN) is pleased to announce the 2018 Bladder Cancer Research Innovation Award to support the work of one investigator with an exceptionally novel and creative project with great potential to produce breakthroughs in our understanding or the management of bladder cancer. One proposal will be funded for \$300,000 over two years (\$150,000 per year). The proposed research may be basic, translational, or clinical, but must have direct applicability and relevance to bladder cancer and address one of these two questions of interest: 1) what are mechanisms by which the resident microbiota interacts with the biology of urothelial cancer; or 2) what are the tumor cell autonomous or microenvironmental determinants of bladder cancer progression to metastasis? **A Letter of Intent is required and is due by February 21, 2018.**

[View FOA](#)

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## 2018 Young Investigator Awards - Bladder Cancer Advocacy Network

The [Bladder Cancer Advocacy Network](#) (BCAN) is pleased to announce two [2018 Young Investigator Awards \(YIA\)](#), to support the development of outstanding early career research scientists and clinical cancer research investigators who have demonstrated a commitment to improving the understanding and treatment of bladder cancer. In addition, for the first time, BCAN is designating an additional [YIA for Patient-Centered Clinical Research](#). To compete for this award, investigators must be working in a research environment capable of supporting transformational patient-oriented clinical bladder cancer research (e.g., studies of access to care, quality of care, quality of life, health disparities, and patient-centered outcomes research). **The application deadline is February 26, 2018.**

[View FOA](#)

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## NIH Human BioMolecular Atlas Program (HuBMAP) Integration, Visualization & Engagement (HIVE) Initiative (OT2 Clinical Trial Not Allowed)

The purpose of this Funding Opportunity Announcement (FOA) is to establish the HuBMAP Integration, Visualization & Engagement (HIVE) Collaboratory that will: 1) manage the data generated by the HuBMAP Consortium, 2) coordinate internal and external Consortium activities, 3) develop novel tools for visualizing, searching and modelling data and 4) build an atlas of tissue maps. The HIVE will be composed of four Components all of which are expected to work closely together to act as the unified backbone for the HuBMAP. The HIVE is expected to work closely with the other funded projects as part of the HuBMAP Consortium to catalyze development of a framework for mapping the human body with high spatial resolution. An application may propose only one Component. However, a coordinated set of separate applications, each describing a separate Component but with a common vision, can be proposed. **A letter of intent is required and due by February 28, 2018.**

[View FOA](#)

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## Discovery of the Genetic Basis of Childhood Cancers and of Structural Birth Defects: Gabriella Miller Kids First Pediatric Research Program (X01 Clinical Trial Not Allowed)

As part of the [Gabriella Miller Kids First Pediatric Research Program \(Kids First\)](#), the NIH invites applications to submit samples from pediatric cohorts for whole genome sequencing at a Kids First-supported sequencing center. Applicants are encouraged to propose sequencing of existing pediatric cancer cohorts to elucidate the genetic contribution to childhood cancers, or to expand the range of disorders included within the Kids First Data Resource to investigate the genetic etiology of structural birth defects. Whole genome, exome, and transcriptome sequencing are available for tumor or affected tissue when justified. These data will become part of the Gabriella Miller Kids First Pediatric Data Resource (Kids First Data Resource) for the pediatric research community. **The application deadline is March 22, 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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