



Center for
Scientific Review

CSR Peer Review Process

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Scientific Review Officer

Pathobiology of Kidney Disease (PBKD) Study Section

Digestive, Kidney and Urological Systems IRG

Center for Scientific Review (CSR)

Bethesda, MD

**Symposium on Ancillary Studies in the CKiD and CRIC Studies
November 3-4, 2016**

Division of Physiological and Pathological Sciences

Integrated Review Groups (IRGs)

Endocrinology, Metabolism, Nutrition & Reproductive Sci.

Infectious Diseases and Microbiology

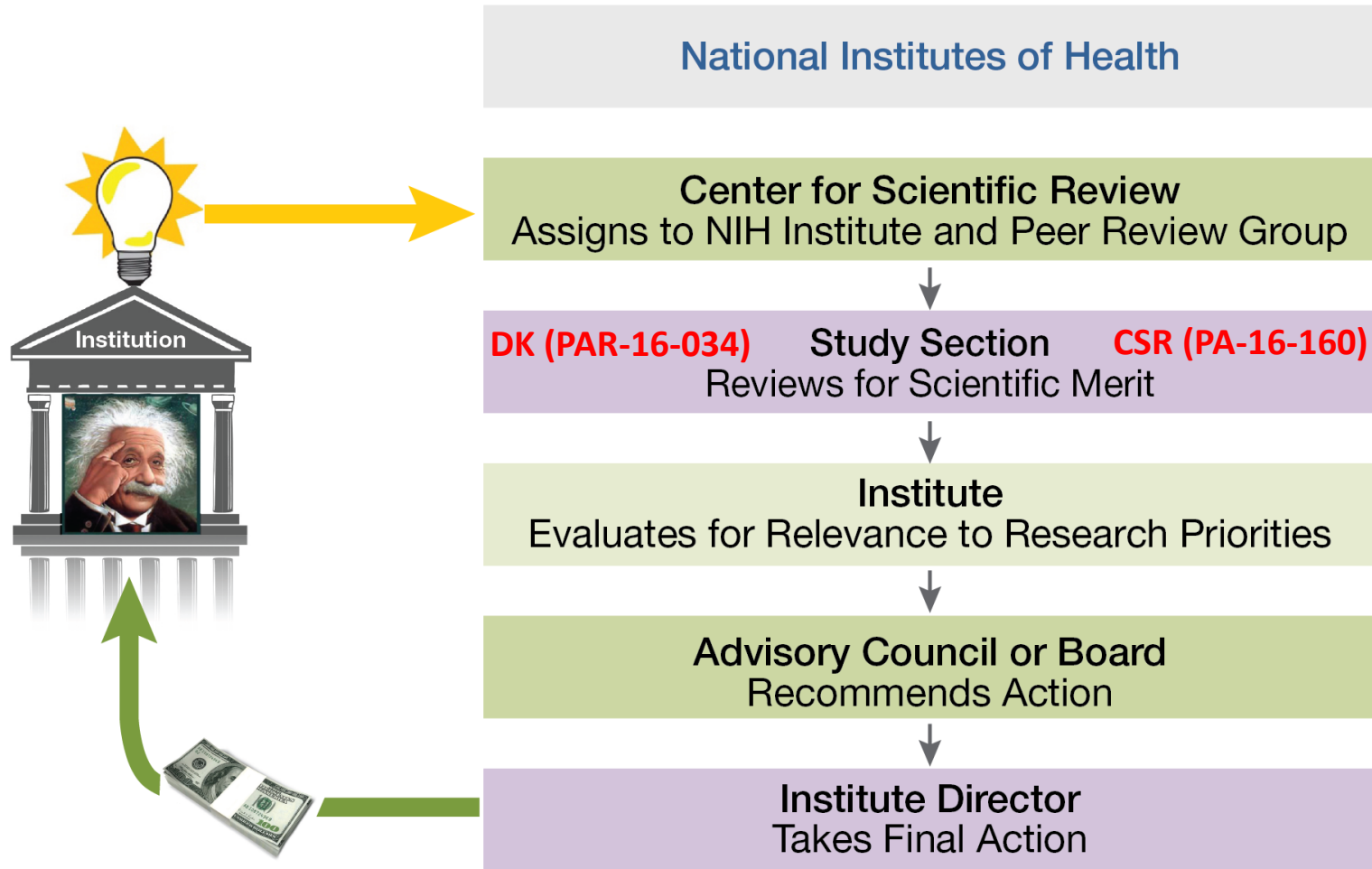
Digestive, Kidney and Urological Systems

Immunology

Study Sections

- [Clinical, Integrative and Molecular Gastroenterology Study Section \[CIMG\]](#)
- [Gastrointestinal Mucosal Pathobiology Study Section \[GMPB\]](#)
- [Hepatobiliary Pathophysiology Study Section \[HBPP\]](#)
- [Kidney Molecular Biology and Genitourinary Organ Development Study Section \[KMBD\]](#)
- [Pathobiology of Kidney Disease Study Section \[PBKD\]](#)
- [Systemic Injury by Environmental Exposure \[SIEE\]](#)
- [Xenobiotic and Nutrient Disposition and Action Study Section \[XNDA\]](#)
- [Urologic and Genitourinary Physiology and Pathology Special Emphasis Panel \[DKUS R \(90\) S\]](#)
- [Digestive Sciences Small Business Activities \[SBIR/STTR\] Special Emphasis Panel \[DKUS \(10\)\]](#)
- [Renal and Urological Sciences Small Business Activities \[SBIR/STTR\] Special Emphasis Panel \[DKUS \(11\)\]](#)

Peer Review and Funding of NIH Grant Applications



New NIH Policy: Rigor and Transparency in Research

To support the **highest quality science, public accountability, and social responsibility in the conduct of science**, NIH's Rigor and Transparency efforts are intended to clarify expectations and highlight attention to four areas that may need more explicit attention by applicants and reviewers:

- Scientific premise
- Scientific rigor
- Consideration of relevant biological variables, such as sex
- Authentication of key biological and/or chemical resources

What Reviewers Look for in Applications

- Significance and impact
- Exciting ideas
- Clarity
- Ideas they can understand -- Don't assume too much
- Realistic aims and timelines -- Don't be overly ambitious
- Brevity with things that everybody knows
- Noted limitations of the study
- A clean, well-written application

Common Problems in Applications

- Lack of new or original ideas
- Absence of an acceptable scientific rationale
- Lack of experience in the essential methodology
- Questionable reasoning in experimental approach
- Uncritical approach
- Diffuse, superficial, or unfocused research plan
- Lack of sufficient experimental detail
- Lack of knowledge of published relevant work
- Unrealistically large amount of work
- Uncertainty concerning future directions