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## Anesthesiology and Critical Care Research in Progress Seminar 2018-2020

### Anesthesiology and Critical Care Research in Progress Seminar 2018-2020- "The neural circuit mechanism of general anesthesia and consciousness".

October 17, 2019

12:00 PM - 1:00 PM

#### Target Audience

This program has been designed for Anesthesiology, Emergency Medicine, Pediatrics, Neurology, Obstetrics And Gynecology, Medical Genetics And Genomics - Molecular Genetic Pathology

#### Series Educational Objectives

After participating in this regularly scheduled series, participants should be able to:

- 1 Participants should be able to describe original research findings including how these translate to anesthesia practice
- 2 Participants should be able to discuss possible new clinical practice guidelines for anesthesia care.
- 3 Participants will be able to describe research being done to improve communication between healthcare providers

#### Session Educational Objectives

After completing this educational activity, participants should be able to:

- 1 Introduce current status of understanding of anesthetic mechanisms and consciousness.
- 2 Introduce current understanding of neural circuit mechanism of general anesthesia and consciousness.

#### Accreditation

In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

#### Designation of Credit

**Physicians:** Penn Medicine designates this live activity for a maximum of **1.00 AMA PRA Category 1 Credits™**.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses:** This activity is for **1.00** contact hours.

**Pharmacists:** This activity is not approved for pharmacy contact hours

**PAs:** AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of **1.00** Category 1 credits for completing this activity.

#### Acknowledgement of Commercial Support\*

None

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Check your transcript online at <https://upenn.cloud-cme.com>

### Disclosure of Relevant Financial Relationships and Unapproved Uses of Products

It is policy at Penn Medicine Office of Continuing Medical and Interprofessional Education for individuals who are in a position to control the content of an educational activity to disclose to the learners all relevant financial relationships that they have with any commercial interest that provide products or services that may be relevant to the content of this continuing education activity. For this purpose, we consider relationships of the person involved to include financial relationships of a spouse or partner.

The intent of this policy is to ensure that Penn CME/CE certified activities promote quality and safety, are effective in improving medical practice, are based on valid content, and are independent of control from commercial interests and free of commercial bias. Peer review of all content was conducted for all faculty presentations whose disclosure information was found to contain relationships that created a conflict of interest relevant to the topic of their presentation. In addition, all faculty were instructed to provide balanced, scientifically rigorous and evidence-based presentations.

The staff in the Office of Continuing Medical and Interprofessional Education (CME and IPCE), have disclosed that they have no relevant financial relationships with any commercial interests related to the content of this educational activity. Any peer reviewer with a potential conflict of interest will recuse themselves from the peer review process.

<b>Name of individual</b>	<b>Individual's role in activity</b>	<b>Name of commercial interest/Nature of relationship</b>
Ann Tenuto, n/a	Activity Coordinator	Nothing to disclose
Roderic Eckenhoff, MD	Course Director	Nothing to disclose
Rosemary Polomano, PhD, RN, FAAN	Nurse Planner	Nothing to disclose
David Eckmann, MD, PhD	Other Planning Committee Member	Nothing to disclose
Jeff Mandel, MD-FCBC	Other Planning Committee Member	Nothing to disclose
Hailong Dong, MD, PhD	Faculty	Nothing to disclose

Relevant financial relationships are those relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria, ownership interest (e.g., stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research), consulting, speaking and teaching, membership on advisory committees or review panels, board membership, and other activities from which remuneration is received or expected