Mechanisms of Hypertension: Distal Nephron, Salt Transporters and Kinases

Wednesday, November 16, 2011
12:00 PM – 1:00 PM
Creighton University Medical Center • Morrison Seminar Room

QUESTIONS: CALL HEALTH SCIENCES CONTINUING EDUCATION 402-280-1830

Speaker:
Gerardo Gamba, MD, PhD
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Molecular Physiology Unit
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Dr. Gamba is the head of the Molecular Physiology Unit of the National University of Mexico’s Biomedical Research Institute. He received his M.D. and Ph.D. degrees from the National University of Mexico in 1985 and 1994, respectively. He did his internal medicine and nephrology residencies at the Instituto Nacional de la Nutrición in Mexico City and his postdoctoral training at the Brigham and Women’s Hospital, Harvard Medical School in Boston in the early 90’s. His main area of interest is the salt transport regulation in the kidney and its relationship with arterial hypertension.

Dr. Gamba has received several honors, including the 2010 National Science and Art Award in Mexico given by the President. He is a member of the American Society of Nephrology and the American Physiological Society.

Disclosure: Dr. Gamba has listed no financial interest/arrangement that would be considered a conflict of interest.

OBJECTIVES
At the conclusion of this presentation, the participants should be able to:

- Describe basic salt transport mechanisms in the distal nephron
- Explain what the WNK family of kinases is and its importance in medicine
- Discuss the role of the renal salt transporter in arterial hypertension

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