

The CEG was honored to host a special presentation by **Dr. Kenneth Korach**, Chief investigator for the NIEHS Reproductive & Developmental Biology Laboratory and [Receptor Biology Group](#). Dr. Korach addressed students, faculty members and guests from the University of Cincinnati and Cincinnati Children's Hospital Medical Center on *Experimental and Clinical Analysis of Estrogen Insensitivity* (August 30).

"It is such a privilege to have such speakers as today, that are clear leaders in the field," wrote one student who attended the seminar. Another very pleased participant said: "Great presentation, very informative, very cool stuff!" Responses from faculty members and research staff ranged from "excellent talk" to "fascinating ... highly relevant." The CEG is grateful to Dr. Korach for his generosity with his time.



Photograph above (left to right): CEG 2016 Next Generation Biomedical Investigator and Assistant Professor Katherine Burns, PhD; distinguished guest Ken Korach, PhD; and CEG Director Shuk-Mei Ho, PhD.

New Publications

- Davis SC, **Yadav JS**, Barrow SD, Robertson BK. Gut microbiome diversity influenced more by the Westernized dietary regime than the body mass index as assessed using effect size statistic. *Microbiologyopen*. 2017 Aug;6(4). PubMed PMID: 28677210; PubMed Central PMCID: [PMC5552927](#).
- Vairamani K, **Wang HS**, **Medvedovic M**, Lorenz JN, Shull GE. VaRNA SEQ Analysis Indicates that the AE3 Cl-/HCO3- Exchanger Contributes to Active Transport-Mediated CO2 Disposal in Heart. *Sci Rep*. 2017 Aug 4;7(1):7264. PMID: 28779178 ; PMCID: [PMC5544674](#).
- **Frank EA**, **Carreira VS**, Shanmukhappa K, **Medvedovic M**, **Prows DR**, **Yadav JS**. Genetic susceptibility to toxicologic lung responses among inbred mouse strains following exposure to carbon nanotubes and profiling of underlying gene networks. *Toxicol Appl Pharmacol*. 2017 Jul 15;327:59-70. PubMed PMID: 28433707; PubMed Central PMCID: [PMC5543715](#).



Congratulations to Dr. Stephani Kim and Dr. Yingying Xu

August 2017 graduate Stephani Kim (2nd on left) poses with mentors Aimin Chen, MD, PhD, and Shuk-Mei Ho, PhD. Fellow diplomate Yingying Xu (3rd from right) poses with mentors Kimberly Yolton, PhD, and Ranjan Deka, PhD. Under the guidance of her advisor & primary mentor Kim Dietrich, PhD (not pictured here) Dr. Xu completed her dissertation on low-level methyl-mercury exposure from fish consumption and child neurodevelopment. Dr. Xu has made important contributions to the ongoing Health Outcomes and Measures of the Environment (HOME) study, results of which have been published in [Environmental Health Perspectives](#) and the [International Journal of Epidemiology](#). Dr. Kim, who has published work with her mentors in the [Journal of Clinical Endocrinology and Metabolism](#), [Environmental Research](#), and [other](#) journals, completed her dissertation on informal electronic waste recycling: metal concentrations in pregnant women and neonates and associations with adverse birth outcomes in Guiyu, China (Advisor: Aimin Chen, MD, PhD). Dr. Kim is now an IRTA postdoctoral fellow with the National Institute of Environmental Health Sciences (NIEHS) in its Perinatal & Early Life Epidemiology Group.

Save the Date: Friday October 27. CEG Pilot Research Symposium. Learn more about studies investigating the role of bisphenol exposures in prostate cancer, breast cancer, diabetes and neurological diseases; the impact of unconventional natural gas drilling on air quality and community health; PAH exposure and asthma; and other gene-environment interactions. 121 Kettering Research Complex, 8:45 AM - 3:30 PM. Follow us on [Facebook](#) for updates on this and other CEG events: 