Impact of “Obesity in young women may set the stage for heart complications during and after pregnancy”

Katherine Shreyder, MD, PhD
PGYIII
(Department of Internal Medicine)

Summary of Media Coverage: Total Stories: 48 Total Impressions: 93,744,786 Social Media: 146,605
AbdAllah Gad, MD (PGY III)
Internal Medicine

Link: https://www.ncbi.nlm.nih.gov/pubmed/30260727

...to Glenn Bennion (PGY-I, Department of Obstetrics and Gynecology) on his successful presentation of “Patient characteristics of separable and nonseparable Raman spectroscopy serum pattern in pregnancy” at 2018 ACOG Annual District XI Meeting in Galveston, Texas

This is a joint project between University of Texas and Texas Tech University Medical School in Odessa, Texas. The estimated start of the project is the Fall of 2018. Preliminary preparation for the project includes:

1. Identifying the team of researchers
2. Identifying sources of funding
3. Training sessions on the identification of the various categories of organic and inorganic particles
4. Calibration of the impact drum and the instrument and a dry run test.

The 3 parts of the project will consist of:
1. Airborne pollen sampling
2. Analysis of Volatile Organic Compounds (VOCs)
3. Community Outreach

If you are a medical student interested in participating in this collaborative study, contact Dr. Bhargavi Kola at Bhargavi.Kola@ttuhsc.edu.

Clinical Research Institute Managing Director, Cathy Lovett Will be at the Permian Basin campus on October 9th and 10th, 2018

Contact Isabel Garza to set up an appointment isabel.garza@ttuhsc.edu
The Nobel Assembly at Karolinska Institute has decided to award the 2018 Nobel Prize in Physiology or Medicine jointly to James P. Allison and Tasuku Honjo “for their discovery of cancer therapy by inhibition of negative immune regulation.”

Cancer kills millions of people every year and is one of humanity’s greatest health challenges. By stimulating the inherent ability of our immune system to attack tumor cells this year’s Nobel Laureates have established an entirely new principle for cancer therapy.

James P. Allison studied a known protein that functions as a brake on the immune system. He realized the potential of releasing the brake and thereby unleashing our immune cells to attack tumors. He then developed this concept into a brand new approach for treating patients.

In parallel, Tasuku Honjo discovered a protein on immune cells and, after careful exploration of its function, eventually revealed that it also operates as a brake, but with a different mechanism of action. Therapies based on his discovery proved to be strikingly effective in the fight against cancer.

Allison and Honjo showed how different strategies for inhibiting the brakes on the immune system can be used in the treatment of cancer. The seminal discoveries by the two laureates constitute a landmark in our fight against cancer.
On behalf of Ector County Independent School District, I’m excited to share with you ECISD has been selected for Mission 13 of the Student Spaceflight Experiments Program (SSEP)!

Student researchers will compete in a local competition among seven ECISD schools to send a microgravity experiment to the International Space Station where an astronaut aboard will conduct the experiment.

We would like to extend this unique opportunity to serve on the Ector County ISD Student Spaceflights Experiments Program Review Board. Your commitment would consist of reviewing SSEP student team proposals and selecting three finalists. The review board will meet the week of November 5, 2018 from 9am to 2pm (lunch will be served).

Please let us know of your interest or commitment by October 2 and reply with your date preference from the following: November 5th, 6th or 9th. If you know of a friend or colleague interested in serving on the board, please share this email with them.

We look forward to hearing from you!

Best regards,
Gabriela Granado
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The 2019 Permian Basin Research Forum will be held on Thursday, May 2, 2019. We look forward to your ideas and seeing you there and thank you for supporting research at the Permian Basin campus.

For questions or to submit an item for the research newsletter contact:
Dr. Natalia Schlabritz-Lutsevich, Associate Regional Dean of Research at natalia.schlabritz-lutsevich@ttuhsc.edu or Isabel Garza at Isabel.garza@ttuhsc.edu or Brance Davis at brance.davis@ttuhsc.edu