Obesity Research Cluster

3rd Annual Meeting &
Poster Competition

May 11th, 2016

Sponsored by the President’s Tier 2 Cluster Hire, College of Human Sciences, and Office of the Vice President for Research.

Poster competition sponsor: VWR
SCHEDULE
Room 169 & Canyon Room, College of Human Sciences

4:00pm  Welcome
Naima Moustaid-Moussa

4:05pm  ORC Update
Naima Moustaid-Moussa

4:20-5:30pm  Faculty (2 Minute) Presentations

5:30-5:50pm  Networking Activity
Debra Reed

5:50-6:00pm  Networking Activity Report & Closing
Debra Reed and Naima Moustaid-Moussa

6:00-6:30pm  Poster Presentations & Judging

6:00-8:00pm  General Poster Session & Reception
Obesity Research Cluster

Thank you for participating in the ORC 2016.

Watch for us next year

We always need our great faculty, student and postdoc presenters

We appreciate your support.

ORC TTU Team

Naima Moustaid-Moussa

Debra Reed

Oak Hee Park

Kay Tindle

Mindali Dean
Naima Moustaid-Moussa, NS/COHS
Susan San-Francisco, CBG/TTU
John Dawson, NS/COHS & CBG/TTU
Michael O’Boyle, HDFS/COHS
Mathew Grisham, Imm Mol Micro/TTUHSC
Sharma S Prabhakar, Int Med/TTUHSC
Debra Reed, NS/COHS
Siva Vanapalli, ChemE/CoEng
Michael Ballou, AFS/CASNR
Lisa Gittner, PolSci/TTU & PH/SBS/TTUHSC
Nikhil Dhurandhar, NS/COHS
Jannette Dufour, Cell Bio Biochem/TTUHSC
Shu Wang, NS/COHS
Mary Murimi, NS/COHS
Hanna Moussa, MechE/CoEng
Shaikh Rahman, NS/COHS
Chwan-Li (Leslie) Shen, Pathol/TTUHSC
Latha Ramalingam, NS/COHS
Rohan Dassanayake (for N. Abidi), FBRI/PSS
Lauren Gollahon, BiolSci/CAS
Jennifer Vanos, GeoS & Climate Ctr
Wei Li, ChemE/CoEng
Conrad Lyford, AAE/CASNR
<table>
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<tr>
<th>POSTER PRESENTERS</th>
<th>Title</th>
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<tbody>
<tr>
<td>Soni Khandelwal</td>
<td>In vitro Generation of Superoxide by Selenofolate in MDA-MB-468 Breast Cancer Cells</td>
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<td>Jennifer E. Hewitt</td>
<td>NemaFlex: A microfluidic tool for phenotyping (neuro) muscular strength in C. elegans</td>
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<td>Seth Selorm Klobodu</td>
<td>A Descriptive Study of the Vital Health Indicators of Four Sub-Saharan African Countries, 1960-2012</td>
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<td>Mizanur Rahman</td>
<td>A microfluidic platform for parallelized aging and healthspan investigations in C. elegans</td>
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<tr>
<td>Kembra D. Albracht-Schulte</td>
<td>Metabolic Changes Underlying Interactions Between Obesity and Non-Alcoholic Fatty Liver Disease in South Asian Adults</td>
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<tr>
<td>Mandana Pahlavani</td>
<td>Transcriptomic and MicroRNA Analyses Identify Gene Networks Regulated by Eicosapentaenoic Acid in Brown Adipose Tissue from Diet-Induced Obese Mice</td>
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<td>S. Liyanage</td>
<td>Could FTIR Imaging be used to Detect Lipid Accumulation in Adipose Tissues?</td>
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<tr>
<td>Maliha Tabassum Munir</td>
<td>Vitamin D reverses glucose metabolism by regulating mammalian target of rapamycin (mTOR) in breast cancer cells</td>
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Nadeeja N Wijayatunga  Adipose Depot-Specific Differences in Transcriptome and MicroRNA Expression in High Fat Diet Induced Obese Mice

MD Khurshidul Zahid  Loss of C/EBPβ attenuates atherogenic lipid mediated induction of ER stress and apoptosis but increases autophagy activity

Al Rashid  Radiation Dose Using a New Geometry of Women's Breast for Mammogram X-Ray Exposure

Kandis Wright  Xenotransplanted Sertoli Cells Inhibit both Alternative and Classical Pathways of Complement Mediated Cell Lysis

Yujiao Zu  The physical stability comparison of two types of resveratrol nanocarriers

Abu BAZ  Self-reported barriers to adapting contextualized nutrition education messages targeted at preventing iron deficiency among mothers and their young children in Ghana

Jie Liu  The characteristics and stability of T090317 nanovesicles

Kalhara Menikdewella  Tocotrienol dose-dependently improves adiposity and inflammation and increased markers of lipid oxidation in high fat fed mice
POSTER ABSTRACTS

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[This QR Code links to additional information or content related to the poster abstracts.]