

TCRB - 30th Annual Meeting, February 25, 2023

8:00 – 8:45 AM	Registration and Poster Set-up Coffee, Tea
8:45 – 9:00 AM	Welcome
9:00 – 10:00 AM	Keynote Address: Mariana Wolfner, Ph.D., Professor, Dept. of Molecular Biology and Genetics, Cornell University, Ithaca, NY <i>“Molecular changes in eggs, sperm, and females that mediate fertility: lessons from the Drosophila model”</i>
10:00 – 11:00 AM	Oral Presentations (Selected from trainee abstracts)
10:00 AM	Boris Tezak (Duke) <i>“Direct effect of temperature on germ cell number provides insight into mechanisms governing temperature-dependent sex determination”</i>
10:15 AM	Yu-ying Chen (NIEHS) <i>“Identification of the origins of interstitial cell progenitors in the ovary”</i>
10:30 AM	Mahe Jabeen (NCSU) <i>“A 3D model with chemically defined synthetic matrix enables studies on interaction between cytotrophoblast and uterine stromal cells”</i>
10:45 AM	Virginia Savy (NIEHS) <i>“How much calcium is ‘too much’ calcium at fertilization?”</i>
11:00 AM – 12:15 PM	Poster Session #1 (Odd-numbered abstracts)
12:15 – 1:15 PM	Lunch
1:15 – 2:30 PM	Poster Session #2 (Even-numbered abstracts)
2:30 – 3:00 PM	Oral Presentations (Selected from trainee abstracts)
2:30 PM	Katherine Wang (Duke) <i>“The effect of PFAS exposure on thyroid hormone regulation, transport, and uptake during pregnancy in human placental cells and Sprague-Dawley rat model”</i>
2:45 PM	Myeongjin Yi (NIEHS) <i>“VDR signaling modulates hormonal regulation of uterine stroma cell differentiation”</i>
3:00 – 4:00 PM	Regional Speakers
3:00 PM	Lauren Anllo, Ph.D. (East Carolina University): <i>“Assembly of the Drosophila testis niche”</i>
3:30 PM	Xiaoqiu (Churchill) Wang, Ph.D. (North Carolina State University): <i>“Decoding molecular mechanisms controlling age-associated uterine adaptability to pregnancy”</i>
4:00 – 4:15 PM	Closing, Presentation of Awards
5:00 PM –	Happy hour, etc. Pitt Street Brewing Company 630 S Pitt Street, Greenville NC 27834 (2.2 miles from ECHI)