# 2020 - 2021 T32 RESEARCH CLUB SCHEDULE

12:00 PM – 1:00 PM  
Virtual via BlueJeans

<table>
<thead>
<tr>
<th>Date</th>
<th>Presenters</th>
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<tbody>
<tr>
<td><strong>All Fridays</strong></td>
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| March 20, 2020     | **Trainer:** Sarah Tishkoff, PhD  
**Trainee:** Michael McQuillan, PhD  
**Tentative Title:** *Environmental and Genetic Drivers of Telomere Length Variation in Ethnically Diverse Africans* |
| April 17, 2020     | **Trainer:** Trevor Penning, PhD  
**Trainee:** Ryan Paulukinas  
**Tentative Title:** *The Androgenic Impact of 11-Ketosteroids and AKR1C3 on Polycystic Ovarian Syndrome (PCOS)* |
| May 15, 2020       | **Trainer:** Anil Rustgi, MD  
**Trainee:** Ricardo Cruz-Acuna, PhD  
**Tentative Title:** *Engineered Hydrogel to Elucidate Contributions of Matrix Mechanics to Esophageal Adenocarcinoma and Identify Matrix-activated Therapeutic Targets* |
| September 18, 2020 | **Trainer:** Rebecca Simmons, MD  
**Trainees:** Thea Golden, PhD  
**Tentative Title:** *Maternal Circulating Cell Free DNA in Pregnancy* |
| October 16, 2020   | **Trainer:** Sarah Tishkoff, PhD  
**Trainee:** Michael McQuillan, PhD  
**Tentative Title:** *Environmental and Genetic Factors Influencing Patterns of Selection and Introgression at Alcohol Dehydrogenase Genes in Ethnically Diverse Africans* |
| November 20, 2020  | **Trainer:** Aalim M. Weljie, PhD  
**Speaker:** Lisa Bottalico, PhD  
**Tentative Title:** *Multi-generational metabolomics of Bisphenol-A exposure in C57BL/6J mice: sexually dimorphic impacts on liver metabolome and connections with the circadian clock* |
| January 15, 2021   | **Trainer:** Ian Blair, PhD  
**Trainee:** Ross Pimie  
**Tentative Title:** *Interrogating Post-Translational Modifications as Drug-Induced Liver Injury Markers* |
| February 19, 2021  | **Trainer:** Trevor Penning, PhD  
**Trainee:** Ryan Paulukinas  
**Tentative Title:** *Androgenic Impact of AKR1C3 on Polycystic Ovarian Disease* |
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<tr>
<td>March 19, 2021</td>
<td>Jason Moore, PhD</td>
<td>Joseph Romano, PhD</td>
<td>Information retrieval and network analysis in ComptoxAI: A graph data infrastructure for computational toxicology</td>
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<tr>
<td>April 16, 2021</td>
<td>Marisa Bartolomei, PhD</td>
<td>Nicole Roble</td>
<td>Investigating the influence of periconceptional exposure to DEHP on placental DNA methylation and disease risk by dissecting windows of susceptibility and sex-specific effects</td>
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<td>May 21, 2021</td>
<td>Blanca Himes, PhD</td>
<td>Sherrie Xie</td>
<td>The Feasibility of Using Air Pollution Monitors for Asthma Self-Management</td>
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