# 2021 – 2022 Heart Failure / Cardioregenerative Medicine Research Colloquium

Chair: Toy Delange, PhD, Associate Scientist, Pediatric Cardiology

**11:00 am – 12:00 pm, 8571 WIMR II**

<table>
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<tr>
<th>Fall 2021</th>
<th>Host</th>
<th>Topic/Article</th>
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| September 9        | Emily Farrell, PhD  
Associate Scientist (Ralph Lab) | Myomegalin, a 250 kDa Phosphodiesterase Interacting Protein (PDE4DIP), Shows a Novel Protein Interaction with Cardiac Myosin Binding Protein C |
| October 14         | Chunyan Wang, PhD  
Assistant Scientist (Guo Lab) | RBM20^{639G} mutation is a high genetic risk factor for premature death through RNA-protein condensates |
| November 11        | Alana Stempien, Predoc Trainee  
Training Program in Translational Cardiovascular Science (Crone Lab) | Multiscale Analysis of Extracellular Matrix Remodeling in the Failing Heart. |
| December 9         | Kalina Reese, Predoc Trainee  
(Ge Lab) | In Vitro Model of Ischemic Heart Failure Using Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes |

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<th>Spring 2022</th>
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| January 13         | Tianhua (Tim) Zhou, MD, Postdoc Trainee  
Training Program in Translational Cardiovascular Science (Raval Lab) | Regenerative Cross Talk Between Cardiac Cells And Macrophages |
| February 10        | Jake Melby, Predoc Trainee  
Training Program in Translational Cardiovascular Science (Ge Lab) | Cart Cells Produced in Vivo to Treat Cardiac Injury |
| March 10           | Colleen Witzenburg, PhD  
Assistant Professor, Biomedical Engineering | The Impact of Hemodynamic Reflex Compensation Following Myocardial Infarction on Subsequent Ventricular Remodeling |
| April 14           | Christopher Stevens, Predoc Trainee  
Training Program in Translational Cardiovascular Science (Tang & Liu Lab) | Albumin Nanoparticle Formulation for Heart-Targeted Drug Delivery |
| May 12             | Jiyoung Bae, PhD, Postdoc Trainee  
Training Program in Translational Cardiovascular Science (Mahmoud Lab) | LRP5 regulates cardiomyocyte proliferation and neonatal heart regeneration by the AKT/P21 pathway |