

WSU Biology Research Conference

December 4th, 11:00 am - 1:15 pm



[Zoom Meeting Link](#)

Meeting ID: 918 1253 5095

Passcode: 975424

The virtual conference features Biology students' research projects across a wide range of topics:

Lung Cancer, Parkinson Disease, Plant Drought Adaptation, Genetic Disorders, Next-Gen Sequencing, Gene Expression, Bioinformatics, Environmental Science,... and more.



WSU Biology Department

<https://www.westfield.ma.edu/academics/biology-department>

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| 11:00 - 11:10 AM | <i>Welcoming Remarks</i> |
| 11:10 - 11:25 AM | <i>ABCA12: Harlequin Ichthyosis</i> Renee St. Jacques and Jordyn Carpenter |
| 11:25 - 11:40 AM | <i>RNA-Seq of Lung Cancer</i> Vanessa Sanches, Bryan Titus, and Shiv Patel |
| 11:40 - 11:55 AM | <i>Differential Gene Expression Associated with the Pathogenesis of Schizophrenia</i> Curtis Antoine, Agnesa Protsun, Grace Brunner, and Zionna Henderson-Davis |
| 11:55 - 12:10 PM | <i>DEGs Identified in Individuals with Parkinson's Disease after Intensive Rehabilitative Training</i> Jennifer Krahala |
| 12:10 - 12:25 PM | <i>Comparative Duchenne Muscular Dystrophy Genes of Different Models</i> Lizbeth Morales, Daniel Candido, and Mitchel Maslowski |
| 12:25 - 12:40 PM | <i>Differential Gene Expression Analysis in Maize, Tomato, and Field Mustard under Drought Conditions</i> Beverly Appiah, John Casey, Jacob Heilmann, and Leslie Osei-Bonsu |
| 12:40 - 12:55 PM | <i>Changes in Hydrogeomorphology After Dam Removal</i> Mathieu Moreau |
| 12:55 - 1:10 PM | <i>ABA's response to Drought in Arabidopsis</i> Fatima Massae and Syed Khalid |