<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker &amp; Title</th>
<th>BMS FACULTY HOST</th>
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| January 17 | **Dennis Lavrov**, PhD Iowa State University  
"Animal mtDNA as we don’t know it: unusual mitochondrial genomes in non-bilaterian lineages **This will be in 1226**" | Dr. Anumantha Kanthasamy |
| January 24 | **Scott Nelson**, PhD Iowa State University – BBMB  
"Investigating Plasmodium Falciparum Apicoplast DNA Polymerase as a Potential Target for Treatment and Prevention of Malaria" | Dr. Beck |
| January 31 | **Elizabeth McNeill**, PhD Iowa State University  
"miRNA Regulation in Synaptogenesis" **CANCELED DUE TO WEATHER** | Dr. Swamy |
| February 7 | **Muhammad Spoctor**, PhD Des Moines University  
"Community Engaged Scholarship for the Basic Sciences" **CANCELED DUE TO WEATHER** | Dr. Lyons |
| February 14 | **Balaji Narasimhan**, PhD Iowa State University  
"Pathogen Mimicking Nanovaccine Platform Technology: A New Paradigm" | Dr. Swamy |
| February 21 | **Arun Seetharam**, PhD Iowa State University  
"Optimizing Orphan Gene Prediction: Case Study using Arabidopsis thaliana Genome" | Dr. Chandru |
| February 28 | **Kristina Bailey**, MD University of Nebraska  
"Aging causes a slowing in ciliary beat frequency mediated by PKCepsilon" | Dr. Chandru |
| March 7 | **Jay Reddy**, MVSc., PhD University of Nebraska-Lincoln Vet Med  
"Multiple facets of the molecular mimicry hypothesis in the causation of autoimmune diseases" | Dr. Chandru |
| March 14 | **Daniel Quinn**, PhD – University of Iowa  
"The Quest to Resurrect Aged Acetylcholinesterase" | Dr. Swamy |
| March 28 | **Shivani Choudhary**, PhD Candidate – Iowa State University  
"EAT-18 is an obligate auxiliary protein interacting with the non-alpha nAChR subunit EAT-2 to form a functional receptor" | Dr. Richard Martin |
| April 4 | **Sean Murphy**, MD, PhD University of Washington Medical Center  
"Malaria vaccines to promote liver resident memory T cell-mediated protection" | Dr. Beck |
| April 11 | **Kurt Lu** – Northwestern  
"Controlling inflammation in tissue injury and repair" | Dr. Swamy |
| April 18 | **Pamela Lein**, PhD University of California – Davis  
"The effects of traffic-related air pollution on Alzheimer’s disease phenotypes in a genetically susceptible animal model" | Dr. Swamy |
| April 25 | **Patricia Jensen**, PhD NIEHS-Head, Development Neurobiology Group  
"Genetic approaches toward defining noradrenergic neuron diversity" | Dr. Anumantha Kanthasamy |