

**Tuesday, June 16, 2015**  
**CHANCE AND NECESSITY: FROM MOLECULES AND VIRUSES**  
**TO CELLS AND POPULATIONS I**  
**5:00 p.m. Salon A2**

**Chairs:** **Betul Kacar**  
**Rika Anderson**

- 5:00 p.m. Cleaves H. J. II \* Meringer M. Goodwin J.  
[227 Views of RNA: Is RNA Unique in Its Chemical Isomer Space?](#) [#7761]
- 5:15 p.m. Nasir A. \* Sun F. J. Kim K. M. Caetano-Anolles G.  
[A Data-Driven Approach to Explain Viral Origins and Evolution](#) [#7152]
- 5:30 p.m. Stedman K. M. \* Iverson E. A. Goodman D. A. Haruntians J. Huang V. P.  
[Elucidating the Evolution of Extremophile Viruses by Comparative Genomics and Genetics](#) [#7537]
- 5:45 p.m. Gerrish P. J. \* Sniegowski P. D. Sprouffske K. Singh T.  
[Predicting Evolution: Theory and Experimental Prospects](#) [#7458]