



**48<sup>th</sup> Annual Meeting**  
**San Juan, Puerto Rico**  
**June 18-22, 2015**  
**[www.ssr.org](http://www.ssr.org)**

**Meeting Theme:**  
**Evolution of Sex**



***Nothing in Biology  
Makes Sense  
Except in the Light of  
Evolution***  
**-T. Dobzhansky**

## **Plenary Speakers**

David Bartel, Whitehead Institute, MIT:  
*MicroRNA evolution and function*

Nathaniel Comfort, Johns Hopkins  
University: *The unseemly past,  
unsettling present, and uncertain  
future of controlling human evolution*

Ina Dobrinski, University of Calgary: *Germ  
line modification to create large  
animal models of human disease*

David Page, Whitehead Institute, MIT:  
*Rethinking the pristine X and rotting Y  
chromosomes*

Mike Roberts, University of Missouri:  
*Evolution and developmental origins  
of the mammalian placenta*

Willie Swanson, University of Washington:  
*Adaptive co-evolution of  
interacting sperm-egg reproductive  
proteins*

Elizabeth Watkins, UCSF: *The pill re-  
conceived: from therapeutic  
revolutionary to contraceptive  
workhorse to lifestyle drug*



### **Meetings within the meeting: Focus Sessions**

- \*Epigenetics
- \*Oogenesis
- \*Gonadogenesis
- \*Reproductive diseases
- \*Spermatogonial stem cells
- \*Pregnancy
- \*Signaling
- \*Meiosis
- \*Much more