



National Institute of Environmental Health Sciences  
*Your Environment. Your Health.*

**The Fidelity of DNA Replication: from Basic Mechanism to Disease**  
**August 29-30<sup>th</sup>, 2019**

North Carolina Biotechnology Center  
Research Triangle Park, North Carolina

**Thursday, August 29th**

12:30 – 1:00 PM    Arrival and Registration  
1:00 – 1:10 PM    Opening Remarks  
Darryl Zeldin, NIEHS

**Session 1** – *Structure-function studies of DNA polymerase fidelity*  
**Chair:** Lars Pederson

1:10 – 1:35 PM    Sam Wilson, NIEHS  
1:35 – 2:00 PM    Lorena Beese, Duke University  
2:00 – 2:25 PM    Myron Goodman, USC  
2:25 – 2:50 PM    Miguel Garcia-Diaz, Stony Brook University

2:50 – 3:20 PM    Group photo, Coffee Break

**Session 2** – *Transactions at the replication fork*  
**Chair:** Stephanie Nick McElhinny

3:20 – 3:45 PM    Peter Burgers, Washington University  
3:45 – 4:10 PM    Duncan Smith, NYU  
4:10 – 4:35 PM    Youri Pavlov, University of Nebraska  
4:35 – 5:00 PM    Tom Kunkel, NIEHS



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**Friday, August 30th**

8:30 - 9:00 AM Arrival

**Session 3 – *Determinants of genome maintenance***

**Chair:** R. Scott Williams

9:00 – 9:25 AM Dorothy Erie, UNC  
9:25 – 9:50 AM Andrei Chabes, Umeå University  
9:50 – 10:15 AM David McAlpine, Duke University  
10:15 – 10:40 AM Tom Petes, Duke University

10:40 – 10:55 AM Coffee Break

**Session 4 – *Non-canonical replication***

**Chair:** Roger Woodgate

10:55 – 11:20 AM Kristin Eckert, University of Pennsylvania  
11:20 – 11:45 AM Anders Clausen, University of Gothenburg  
11:45 – 12:10 AM Luis Blanco, Centro de Biologia Molecular  
12:10 – 12:35 PM Dale Ramsden, UNC

12:35 – 1:35 PM Lunch Break (on-site)

**Session 5 – *Replication, transcription, polymerases and disease (Part I)***

**Chair:** Roel Schaaper

1:35 – 2:00 PM Sue Jinks-Robertson, Duke University  
2:00 – 2:25 PM Erik Johansson, Umeå University  
2:25 – 2:50 PM Mark Hall, Purdue University

2:50 – 3:05 PM Coffee Break

**Session 6 – *Replication, transcription, polymerases and disease (Part II)***

**Chair:** Bill Copeland

3:05 – 3:30 PM Polina Shcherbakova, University of Nebraska  
3:30 – 3:55 PM Zachary Pursell, Tulane University  
3:55 – 4:20 PM Larry Loeb, University of Washington

4:20 – 4:30 PM Closing remarks