**Center for Redox Biology and Medicine**

**Spring 2019 Retreat, FRIDAY, April 5th**

Wake Downtown Auditorium; 4th floor

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>8:30 AM</td>
<td>Breakfast</td>
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<tr>
<td>9:00</td>
<td>Welcome and Brief Overview of CRBM, Introduction of Dr. Spitz</td>
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| 9:20 - 10:20 | **Opening Keynote Speaker: Douglas R. Spitz, Ph.D., Professor of Radiation Oncology, Holden Comprehensive Cancer Center, The University of Iowa**  
***“Exploiting Redox Biology for Selectively Targeting Cancer Cells: Therapeutic Implications”*** |
| 10:20 - 10:40 | Coffee Break                                                                                     |
| 10:40 - 11:00 | Steven J. Kridel, Ph.D., Associate Professor, Department of Cancer Biology, Director Cancer Biology PhD Program, Wake Forest School of Medicine  
***“CD38 inhibits prostate cancer metabolism by reducing NAD⁺ pools”*** |
| 11:00 - 11:20 | Kiran K Solingapuram Sai, Ph.D., Assistant Professor of Radiology, Director of Cyclotron Operations and Radiochemistry Services, Wake Forest School of Medicine  
***“Initial evaluations of ascorbate derivatives as PET imaging agents to study oxidative stress in cancer”*** |
| 11:20 - 11:40 | Monica McMahon Rohde, Ph.D. Candidate, Department of Cancer Biology, Wake Forest School of Medicine  
***“The treatment of EGFR-TKI resistant lung cancer using silver nanoparticles”*** |
| 11:40 - 12:30 | Lunch                                                                                             |
| 12:40 - 1:00 | Jordan Chapman, Ph.D. Candidate, Department of Biology, Wake Forest University                     
***“Identification of oxidized proteins that are linked to redox-regulated development”*** |
| 1:00 - 1:20 | Yuanyuan Zhang, Ph.D., Associate Professor, Institute for Regenerative Medicine, Wake Forest School of Medicine  
***“Impaired regeneration potential in urinary stem cells diagnosed from the patients with diabetic nephropathy”*** |
| 1:20 - 1:40 | John Andrew Collins, Ph.D., Postdoctoral Research Associate, Thurston Arthritis Research Center, University of North Carolina Chapel Hill  
***“Sirtuin 6 (SIRT6) overexpression regulates antioxidant status and redox signaling in human chondrocytes”*** |
| 1:40 - 2:00 | Leslie Poole, Ph.D., Professor, Department of Biochemistry, Co-Director of Center for Redox Biology and Medicine  
"Promise of dietary nitrite/nitrate to combat the cardiotoxicity of chemotherapeutics"
| 2:00 - 2:20 | Coffee Break                                                                                     |
| 2:20 - 3:30 | **Closing Keynote Speaker: Francis J. Miller, M.D., Professor of Medicine, Professor of Pharmacology and Cancer Biology, Duke University School of Medicine**  
***“Redox Regulation in Cardiovascular Disease”*** |
| 3:30 - 5:30 | Poster session and wine and cheese reception                                                          |