Starr Cancer Consortium Retreat
Cold Spring Harbor Laboratory, May 16 – May 17, 2022

Monday, May 16, 2022

9:00 – 11:00 am  
**Attendee Arrival and Check In**  
(Grace Auditorium Lobby)

11:00 am  
**Welcome and Opening Remarks**  
Bruce Stillman  
President  
Cold Spring Harbor Laboratory  
(Grace Auditorium)

11:10 am – 12:30 pm  
**Plenary Session - 1**  
Chairs: Bruce Stillman & Rona Yaeger  
(Grace Auditorium)

11:10 am  
1  
Bishoy Faltas  
*APOBEC mutagenesis in bladder cancer: mechanisms and therapeutic opportunities*

11:35 am  
2  
Maria Jasin  
*Modifiers of BRCA2 tumor suppressor loss of function*

12:00 pm  
3  
Charles Kinzig  
*The role of telomerase in healing broken chromosomes in cancer*

12:30 – 2:00 pm  
**Lunch**  
(Blackford Hall)

2:00 – 3:20 pm  
**Plenary Session - 2**  
Chairs: Craig Thompson & Christina Leslie  
(Grace Auditorium)

2:00 pm  
4  
Steven Lipkin  
*Lynch syndrome colorectal cancer immunoprevention using recurrent neoantigen peptide vaccination*

2:25 pm  
5  
Rona Yaeger  
*Defining key genomic alterations in the carcinogenesis of colitis-associated cancers*

2:50 pm  
6  
Kivanç Birsoy  
*Identification of transcriptional determinants of asparaginase sensitivity in leukemias*

3:20 – 4:10 pm  
**First Poster Session (with Coffee Break)**  
(Grace Lobby & Patio)
4:10 – 5:30 pm  
**Plenary Session - 3**  
(Grace Auditorium)  
Chairs: David Spector & Helena Yu

4:10 pm  
7  
Semir Beyaz  
*Dietary regulation of cancer immunity*

4:35 pm  
8  
Justin Cross  
*Detection of impending infections in immunocompromised cancer patients*

5:00 pm  
9  
Alok Tewari  
*Patient-driven molecular characterization of rare and refractory germ cell tumors*

5:30 – 6:00 pm  
**Wine and Cheese Reception (Posters available)**  
(Grace Patio)

6:00 – 7:00 pm  
**Banquet Dinner**  
(Mayr Dining Room, Blackford Hall)

7:10 – 8:30 pm  
**Plenary Session - 4**  
(Grace Auditorium)  
Chairs: Todd Golub & Lisa Giulino Roth

7:10 pm  
10  
Matthew Meyerson  
*EGFR inhibition in lung cancer: resistance, sensitization, and combination therapy*

7:35 pm  
11  
Yi-Chieh Nancy Du  
*The function and regulation of MiT/TFE activation in autophagy and pancreatic ductal adenocarcinoma*

8:00 pm  
12  
Christopher Vakoc  
*Chemical disruption of kinase-to-chromatin signaling in chemotherapy-refractory leukemia*

*End of Day One*
Tuesday, May 17, 2022

8:30 – 9:50 am  **Plenary Session - 5**  (Grace Auditorium)
Chairs: Joan Massagué & Leemor Joshua-Tor

8:30 am  **13**  Yu Han  *Using morphological pharmacodynamic markers to analyze drug sensitivity, resistance, and toxicity*

8:55 am  **14**  Steven Gross  *Microbiome-derived hydrogen sulfide as a trigger for CIMP colorectal cancer*

9:20 am  **15**  Kayvan Keshari  *Imaging and targeting glycolytically driven oxidative stress using ascorbate*

9:50 – 10:40 am  **Second Poster Session (with Coffee Break)**  (Grace Lobby & Patio)

10:40 – 11:55 am  **Plenary Session - 6**  (Grace Auditorium)
Chair: Bruce Stillman & Ethel Cesarman

10:40 am  **16**  Samie Jaffrey  *Real-time imaging of metabolic deregulation in cancer*

11:05 am  **17**  Andrew Intlekofer  *Metabolic coupling of hypoxia to intratumoral heterogeneity*

11:30 am  **18**  Gregory Alushin  *Visualizing targeted killing of cancer cells by therapeutic T-cells at the nanoscale*

11:55 am  **Closing Remarks**  
Executive Committee

12:00 pm – 1:00 pm  **Attendee Departure - Lunch Available**
**Poster Presentations**

Posters are displayed for the duration of the Retreat. Posters are presented in two poster sessions. Each poster’s presenter will be available at his/her poster during the assigned session. Session assignments are listed in the right-hand column.

<table>
<thead>
<tr>
<th>Abstract</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>19</td>
<td>Jasmin Kruell</td>
</tr>
<tr>
<td>20</td>
<td>Caroline Wiggers</td>
</tr>
<tr>
<td>21</td>
<td>Alexia Martínez de Paz</td>
</tr>
<tr>
<td>22</td>
<td>Stefan Torborg</td>
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<tr>
<td>23</td>
<td>Michael Ortiz</td>
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<tr>
<td>24</td>
<td>Yuhki Saito</td>
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<tr>
<td>25</td>
<td>Yang Bai</td>
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<tr>
<td>26</td>
<td>Zsofia Stadler</td>
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<tr>
<td>27</td>
<td>Samantha J. Van Nest</td>
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<tr>
<td>28</td>
<td>Bishoy Faltas</td>
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<td>29</td>
<td>Ron Baik</td>
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<td>30</td>
<td>Chen Weng</td>
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<td>31</td>
<td>Lisa Giulino Roth</td>
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<tr>
<td>32</td>
<td>Yael David</td>
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<tr>
<td>33</td>
<td>Chhiring Lama</td>
</tr>
<tr>
<td>34</td>
<td>Iman Hajirasouliha</td>
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<tr>
<td>35</td>
<td>Mario Suva</td>
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<tr>
<td>36</td>
<td>Tobias Janowitz</td>
</tr>
<tr>
<td>37</td>
<td>Xinran Tong</td>
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<tr>
<td>38</td>
<td>Sun-Mi Park, David Miyamoto</td>
</tr>
<tr>
<td>39</td>
<td>Tai-Yuan Yu</td>
</tr>
<tr>
<td>40</td>
<td>Sydney Moyer</td>
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<td>41</td>
<td>Maira Di Tano</td>
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