# SUNDAY 16th

## RRS and CRH Combined Schedule at a Glance

### 7AM

**REGISTRATION DESK OPEN 7AM - 5PM**

### 8AM

**COFFEE BREAK WITH EXHIBITORS**

<table>
<thead>
<tr>
<th>1</th>
<th>Queen’s 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR1: Radiopharmaceutical therapy in an era of precision medicine</td>
<td>George Sgouros</td>
</tr>
<tr>
<td>TR2: Radiation-induced senescence</td>
<td>Daohong Zhou</td>
</tr>
<tr>
<td>TR3: Behaviorally parallel between humans &amp; rodents</td>
<td>Craig Stark</td>
</tr>
<tr>
<td>TR4: Overcoming radiation resistance: Development of small molecule radiosensitizers &amp; hypoxic cell cytotoxins</td>
<td>Michael Hryciw</td>
</tr>
</tbody>
</table>

### 9AM

**P1: Molecular basis of circadian clocks**

**Joseph Takahashi, PhD**

### 10AM

**COFFEE BREAK WITH EXHIBITORS**

### 11AM

**S1: New insights from DNA damage and repair**

**Chairs:** George D. Jones, Michael Weinfeld

**S2: Bill Morgan Memorial Symposium: Biology, epidemiology & radiation protection**

**Chairs:** Kathryn Held, Nobuyuki Hamada

**S3: Enhancing the X-ray sensitivity of radio resistant tumors by altering Warburg metabolism**

**Chairs:** Marc Mendone, Randall Kimple

### 12PM

**S4: Cancer stem cells**

**Chairs:** Frank Pappo, Erika Vlach

**S5: Academic industry partnership in radiation oncology: what can improve?**

**Chairs:** Patala Prasanna, Bhadrasain Vikram

### 1PM

**RRS Painter Debates with boxed lunch: RSVP required**

This house believes that bystander effects are not relevant for radiation protection: Colin Seymour, PhD (for), Carmel Mothesrill, PhD (against)

This house believes that cancer is fundamentally a metabolic disease: Douglas Spitz, PhD (for), James Cleaver, PhD (against)

**Topical Review:** Controversies associated with cancer screening

**Chairs:** Artur Plett, Chuan-Yuan Li

### 2PM

**PS1: Experimental therapeutics**

**Chairs:** Michael Story, David Brenner

### 3PM

**S6: Biology and clinical implications of non-targeted responses**

**Chairs:** Tom Hsu, Nicholas Colangelo

**S7: Targeted immunotherapy**

**Chairs:** Amit Maity, Silvia Fontenot

### 4PM

**S8: Circadian proioxes and radiation effects**

**Chair:** Ben Chen

**S9: Combination therapy: opportunities in clinical translation of radiobiological research**

**Chairs:** Mansoor Ahmed, Sajama Kasanwa

### 5PM

**S10: Head and neck cancers**

**Chair:** Guoyin-Thu Le

**COFFEE BREAK WITH EXHIBITORS**

### 6PM

**Failla Award Lecture:** "The Radiation Stress Response: Of the People, By the People and For the People"

**C. Norman Coleman, MD**

### 7PM

**RRS Welcome Reception at Lagoon Lanai 6:45PM-8:45PM**

**Karaoke in Water’s Edge 8:30PM-11:30PM SPONSORED BY XSTRAHL**

---

# MONDAY 17th

### 7AM

**REGISTRATION DESK OPEN 7AM - 5PM**

### 8AM

**COFFEE BREAK WITH EXHIBITORS**

### 9AM

**S11: Neuroscience meets Radiobiology**

**Chairs:** Ivan Soltaz, Susanna Rosi

### 10AM

**COFFEE BREAK WITH EXHIBITORS**

### 11AM

**S12: Big data & omics**

**Chairs:** Richard Britten, Adeola Makinde

**S13: Pancreatic/brain cancer**

**Chairs:** Alec Kimmelman, Jeffrey Wiley

**S14: ATM: basic mechanisms and therapeutic applications**

**Chairs:** Kristoffer Valerie, Shubhankar Suman

### 12PM

**S15: The linear no threshold model for radiation protection: a flawed concept or practical reality?**

**Chair:** David Bronner

**RRS Business Forum with Buffet Lunch**

Members only: RSVP required

**Town Hall: Trends in Radiation Biology, epidemiology & radiation protection for the next 5 years**

**Chairs:** Frank Pajonk, Erina Vlashi, Bill Morgan, Kathryn Held, Marcy Mendonca, Randall Kimple

### 1PM

**S16: Rloops, DNA repair & genetic instability**

**Chairs:** David Boothman, William Dyman

**S17: Epigenetic regulation of the radiation response**

**Chairs:** Janet Bauch, Gavin Wang

**S18: Joint CRH Symposium: Bill Morgan Memorial Symposium part 2: Low dose epidemiology**

**Chairs:** Siako Saloma, Ohtsura Niwa

### 2PM

**S19: Advancements in imaging modalities**

**Chairs:** Mark Dewhirst, George D. Jones, Michael Weinfeld, William Dynan

**S20: Carbon & related ion therapies**

**Chairs:** Michael Story, Chiara La Teissa

---

## KEY

**1 Queen’s 4**

**2 Queen’s 5**

**3 Queen’s 6**

**4 Kona 4**

**5 Kona 5**

**6 Monarchy Ballroom**

**7 King’s Ballroom**

**8 Kohala 1&2 Ballroom**

**MONDAY 17th**

**REGISTRATION DESK OPEN 7AM - 5PM**

**COFFEE BREAK WITH EXHIBITORS**

**PS2: Experimental therapeutics, Epidemiology of cancer and non-cancer diseases**

**Chairs:** David Boothman, William Dyman

**S10: Head and neck cancers**

**Chair:** Guoyin-Thu Le

**S11: Neuroscience meets Radiobiology**

**Chairs:** Ivan Soltaz, Susanna Rosi

**S12: Big data & omics**

**Chairs:** Richard Britten, Adeola Makinde

**S13: Pancreatic/brain cancer**

**Chairs:** Alec Kimmelman, Jeffrey Wiley

**S14: ATM: basic mechanisms and therapeutic applications**

**Chairs:** Kristoffer Valerie, Shubhankar Suman

**S15: The linear no threshold model for radiation protection: a flawed concept or practical reality?**

**Chair:** David Bronner

**RRS Business Forum with Buffet Lunch**

Members only: RSVP required

**Town Hall: Trends in Radiation Biology, epidemiology & radiation protection for the next 5 years**

**Chairs:** Frank Pajonk, Erina Vlashi, Bill Morgan, Kathryn Held, Marcy Mendonca, Randall Kimple

**S16: Rloops, DNA repair & genetic instability**

**Chairs:** David Boothman, William Dyman

**S17: Epigenetic regulation of the radiation response**

**Chairs:** Janet Bauch, Gavin Wang

**S18: Joint CRH Symposium: Bill Morgan Memorial Symposium part 2: Low dose epidemiology**

**Chairs:** Siako Saloma, Ohtsura Niwa

**S19: Advancements in imaging modalities**

**Chairs:** Mark Dewhirst, George D. Jones, Michael Weinfeld, William Dynan

**S20: Carbon & related ion therapies**

**Chairs:** Michael Story, Chiara La Teissa

---

## PS3: Normal Tissue Radiation Responses

**Cell and tissue kinetics/radiotherapy/translational research**

**Chairs:** Artur Plett, Chuan-Yuan Li

**S10: Head and neck cancers**

**Chair:** Guoyin-Thu Le

**S11: Neuroscience meets Radiobiology**

**Chairs:** Ivan Soltaz, Susanna Rosi

**S12: Big data & omics**

**Chairs:** Richard Britten, Adeola Makinde

**S13: Pancreatic/brain cancer**

**Chairs:** Alec Kimmelman, Jeffrey Wiley

**S14: ATM: basic mechanisms and therapeutic applications**

**Chairs:** Kristoffer Valerie, Shubhankar Suman

**S15: The linear no threshold model for radiation protection: a flawed concept or practical reality?**

**Chair:** David Bronner

**RRS Business Forum with Buffet Lunch**

Members only: RSVP required

**Town Hall: Trends in Radiation Biology, epidemiology & radiation protection for the next 5 years**

**Chairs:** Frank Pajonk, Erina Vlashi, Bill Morgan, Kathryn Held, Marcy Mendonca, Randall Kimple

**S16: Rloops, DNA repair & genetic instability**

**Chairs:** David Boothman, William Dyman

**S17: Epigenetic regulation of the radiation response**

**Chairs:** Janet Bauch, Gavin Wang

**S18: Joint CRH Symposium: Bill Morgan Memorial Symposium part 2: Low dose epidemiology**

**Chairs:** Siako Saloma, Ohtsura Niwa

**S19: Advancements in imaging modalities**

**Chairs:** Mark Dewhirst, George D. Jones, Michael Weinfeld, William Dynan

**S20: Carbon & related ion therapies**

**Chairs:** Michael Story, Chiara La Teissa

---

## PS4: DNA and oxidative damage responses

**Cell and tissue kinetics/radiotherapy/translational research**

**Chairs:** Artur Plett, Chuan-Yuan Li

**S10: Head and neck cancers**

**Chair:** Guoyin-Thu Le

**S11: Neuroscience meets Radiobiology**

**Chairs:** Ivan Soltaz, Susanna Rosi

**S12: Big data & omics**

**Chairs:** Richard Britten, Adeola Makinde

**S13: Pancreatic/brain cancer**

**Chairs:** Alec Kimmelman, Jeffrey Wiley

**S14: ATM: basic mechanisms and therapeutic applications**

**Chairs:** Kristoffer Valerie, Shubhankar Suman

**S15: The linear no threshold model for radiation protection: a flawed concept or practical reality?**

**Chair:** David Bronner

**RRS Business Forum with Buffet Lunch**

Members only: RSVP required

**Town Hall: Trends in Radiation Biology, epidemiology & radiation protection for the next 5 years**

**Chairs:** Frank Pajonk, Erina Vlashi, Bill Morgan, Kathryn Held, Marcy Mendonca, Randall Kimple

**S16: Rloops, DNA repair & genetic instability**

**Chairs:** David Boothman, William Dyman

**S17: Epigenetic regulation of the radiation response**

**Chairs:** Janet Bauch, Gavin Wang

**S18: Joint CRH Symposium: Bill Morgan Memorial Symposium part 2: Low dose epidemiology**

**Chairs:** Siako Saloma, Ohtsura Niwa

**S19: Advancements in imaging modalities**

**Chairs:** Mark Dewhirst, George D. Jones, Michael Weinfeld, William Dynan

**S20: Carbon & related ion therapies**

**Chairs:** Michael Story, Chiara La Teissa

---

## CRH Final Night Banquet: 6:30PM—9:00PM

**SPONSORED BY XSTRAHL**