

| Saturday<br>September 20 | Sunday<br>September 21, 2008   | ROOM            | Monday<br>September 22, 2008  | ROOM            | Tuesday<br>September 23, 2008  | ROOM         | Wednesday<br>September 24, 2008   | ROOM |
|--------------------------|--|-----------------|---|-----------------|--|--------------|---|------|
|                          | <b>8:00am - 9:00am<br/>Topical Reviews</b>   |                 | <b>8:00am - 9:00am<br/>Topical Reviews</b>  |                 | <b>8:00am - 9:00am<br/>Topical Reviews</b>   |              | <b>8:00am - 9:00am<br/>Topical Reviews</b>  |      |
|                          | TR1-Tumor heterogeneity<br>Bert van der Kogel  | 204A            | TR5-Drug penetration in tumors<br>Andrew Minchinton   | 204A            | TR9-Chromatin changes and DNA repair<br>Peggy Olive  | 204A         | TR13-Oxygenation, DNA repair and genomic<br>stability – Robert Bristow  | 204A |
|                          | TR2-Mechanisms of metastasis<br>Ruth Muschel   | 204B            | TR6-DNA repair and synthetic lethality<br>Thomas Helleday   | 204B            | TR10-EGFR in combination with<br>radiotherapy. Paul Harari   | 204B         | TR14-Stem cells and semantics<br>Richard Hill   | 204B |
|                          | TR3-Prediction of response after<br>radiotherapy: we are getting closer.<br>Adrian Begg            | 203             | TR7-Radiation-induced bystander effects and<br>radiotherapy Carmel Mothersill   | 203             | TR11-The Sirtuin family longevity genes,<br>carcinogenesis and tumor cell survival<br>David Gius   | 203          | TR15-Molecular mechanisms of cell death<br>Jacqueline Williams  | 203  |
|                          | TR4-DNA radiation damage: Insights from theory.<br>Michael Sevilla                                 | 207             | TR8-Radiation cataract<br>Norman Kleiman  | 207             | TR12-Experimental and theoretical studies<br>of radiation induced damage in DNA<br>constituents David Close  | 207          | TR16-Flow cytometry<br>George Wilson  | 207  |
|                          | <b>9:00am - 10:00am<br/>Plenary Lecture</b>  |                 | <b>9:00am - 10:00am<br/>Joint RRS/ASTRO Fletcher Lecture</b>  |                 | <b>9:00am - 10:00am<br/>Plenary Lecture</b>  |              | <b>9:00am - 10:00am<br/>SIT Plenary Lecture: What's Hot?</b>  |      |
|                          | P1- Craig Thompson<br>Fueling cancer cell growth   | 205             | P2 - Robert Weinberg<br>Mechanisms of Malignant Progression   | Ballroom        | P3 - Adrian Harris<br>New targets for therapy regulated by HIF1  | 205          | P4-Raymond Damadian<br>Magnetic resonance imaging   | 205  |
|                          | <b>10:00-10:15am Coffee Break</b>  |                 | <b>10:00-10:15am Coffee Break</b>   |                 | <b>10:00-10:15am Coffee Break</b>  |              | <b>10:00-10:15am Coffee Break</b>   |      |
|                          | <b>10:15am - 12:15pm<br/>Symposia/Workshops</b>  |                 | <b>10:15am - 12:00pm<br/>Society Open Discussion</b>  |                 | <b>10:15am - 12:00pm<br/>Presidential Symposium</b>  |              | <b>10:15am - 12:15pm<br/>Symposia/Workshops</b>   |      |
|                          | S1-ASP/RRS Joint Symposium<br>Emerging technologies.<br>Lisa Kelly and Beth Gaillard               | 206             | Radiation Research Society<br><br>Discussion on governance and<br>constitutional changes.<br><br>Chair: Mark Dewhirst   | 205             | S7: Presidential Symposium<br>Chair: Mark Dewhirst<br><br>A new look at Hypoxia biology<br><br>Kenneth Krohn<br>James Mitchell<br>Peter Glazer<br>Richard Hill | 205          | S11-ASTRO/RRS Joint Symposium<br>Survivorship and late effects<br>Martin Hauer-Jensen and Dennis Hallahan   | 206  |
|                          | S2-Chemical mechanisms of DNA damage<br>Amanda Bryant-Friedrich and Peter Dedon                    | 204A            |   |                 |  |              | S12-SNM/RRS Joint Symposium<br>Recent advances in molecular imaging<br>David Murray and Robert Mach   | 204A |
|                          | WS1-CMCR Progress and directions<br>Sally Amundson and Robert Bristow                              | 204B            |   |                 |  |              | WS7- Space radiation effects<br>Francis Cucinotta and Claudia Wiese   | 204B |
|                          | WS2-Small animal precision irradiation and<br>imaging. John Wong                                   | 203             |   |                 |  |              | WS8 - Radiation activated gene therapy and<br>nanomedicine.<br>Michael Borrelli and Gayle Woloschak   | 203  |
|                          | MS1-Bystander effects<br>Carmel Mothersill and Ron Mitchel   | 207             |   |                 |  |              | MS8-Cell, Tissue and DNA effects<br>David Gius and Robert Schneider   | 207  |
|                          | <b>12:15pm - 1:00pm<br/>Lunch Break</b>  |                 | <b>12:00pm - 1:00pm<br/>SIT Luncheon - Seaport A/B</b>  |                 | <b>12:00pm - 1:30pm<br/>Business Meeting &amp; Luncheon</b>  |              | <b>12:15pm<br/>END OF MEETING</b>   |      |
|                          | <b>1:00pm - 1:45pm<br/>Poster Session</b>  |                 | <b>1:00pm - 1:45pm<br/>Poster Session</b>   |                 | Business Meeting & Luncheon<br>Room 205  | 205          | RRS Registration will take place in the Boston<br>Convention Center Main Lobby  |      |
|                          | PS1-DNA damage induction, repair and the<br>damage response  | Exhibit<br>Hall | PS3-CMCR topics - Radiation Protection<br>Biodosimetry / Protectors / Mitigators /<br>Treatment   | Exhibit<br>Hall |  |              |   |      |
|                          | <b>1:45pm - 2:30pm<br/>Poster Session</b>  |                 | <b>1:45pm - 2:30pm<br/>Poster Session</b>   |                 | Business Meeting & Luncheon<br>Room 205  | 205          | Saturday: 7:00am-11:00am SIT Seaport<br>Saturday: 3:00-6:00pm<br>Monday<br>7:00am-2:00pm<br>Tuesday:<br>7:00am-2:00pm   |      |
|                          | PS2-Bystander effects / Adaptive responses/<br>Histones / Chromosome maintenance                   | Exhibit<br>Hall | PS4-Experimental therapeutics / Sensitizers /<br>Stem cells   | Exhibit<br>Hall |  |              |   |      |
|                          | <b>2:30pm - 4:30pm<br/>Symposia/Workshops</b>  |                 | <b>2:30pm - 4:30pm<br/>Symposia/Workshops</b>   |                 | <b>2:30pm - 4:30pm<br/>Symposia/Workshops</b>  |              | ASP - American Society for Photobiology<br><br>SNM - Society for Nuclear Medicine<br><br>ASTRO - American Society for Therapeutic<br>Radiology and Oncology             |      |
|                          | S3- Is it the tumor cells or the tumor stroma?<br>Leo Gerweck and Richard Kolesnick                | 206             | S5-Hyperthermia: Where is it now?<br>Ellen Jones and Oana Craciunescu   | 206             | S8-Immunity and inflammation in the normal<br>tissue response<br>Sandra Demaria and Jacqueline Williams  | 206          |   |      |
|                          | S4-Multiple stressors<br>Eric Wright and Ronald Mitchel  | 204A            | S6-Stochastic track models<br>Michael Dingfelder  | 204A            | S9-Translating physics and biology into the<br>clinic.<br>Joe Deasy and Robert Stewart   | 204A         |   |      |
|                          | WS3-Mitochondrial ROS<br>Douglas Spitz and Michael Freeman   | 204B            | WS4-Bystander effects<br>Carmel Mothersill  | 204B            | WS6-Chemistry of redox processes<br>Wendy Pogozelski and Peter Wardman   | 204B         |   |      |
|                          | MS2-Joint RRS/ASTRO Mini-symposium<br>Experimental Therapeutics<br>Robert Griffin and Carmen Perez | 203             | MS4-Joint RRS/ASTRO Mini-Symposium<br>Stem Cells<br>Erina Vlashi and Ann Klopp  | 203             | MS6-Joint RRS/ASTRO Mini-Symposium<br>DNA damage and repair II<br>Kathy Held and Alex Almasan  | 203          |   |      |
|                          | MS3-DNA damage and repair I<br>Helene Hill and Wendy Kuhne   | 207             | MS5-Joint RRS/ASTRO Mini-Symposium<br>Kinetics/Microenvironment/HIF1<br>Joe Dynlacht and Elaine Zeman   | 207             | MS7- Physical, chemical, high LET and<br>space effects<br>Susan Larue and Sean Hurley  | 207          |   |      |
|                          |  |                 | <b>3:45-5:15pm</b>  |                 | <b>3:30-5:00pm</b>   |              | <b>Session Types</b><br>P - Plenary Lecture<br>S - Symposium<br>WS - Workshop<br>MS - Mini Symposium<br>TR- Topical Review<br>PS - Poster Session<br>AL - Award Lecture |      |
|                          |  |                 | WS5-ASTRO/RRS Joint Workshop<br>Tumor regrowth delay and tumor cure assays:<br>Design, interpretation, and relevance for<br>assessment of radiocurability and its modification<br>Howard Thames and Michael Baumann | 252             | S10-ASTRO/RRS Joint Symposium<br>DNA repair inhibitors and the clinic:<br>Ready for prime time?<br>Robert Bristow and Stephen Hahn                             | 107          |   |      |
|                          | <b>4:30-5:00pm Coffee Break</b>  |                 | <b>4:30-5:15pm Coffee Break</b>   |                 | <b>4:30-5:00pm Coffee Break</b>  |              |   |      |
|                          | <b>5:00pm - 6:00pm<br/>Failla Lecture</b>  |                 | <b>5:15pm - 5:40pm<br/>Michael Fry Research Award</b>   |                 | <b>5:00pm - 6:30pm Joint RRS/ASTRO<br/>Poster Sessions with Reception</b>  |              |   |      |
|                          | Mark W. Dewhirst   | 205             | Bradly Wouters  | 205             | 5:00pm - 5:45pm<br>PS6-Cell and tissue kinetics /<br>Signaling / Microenvironment  | Exhibit Hall |   |      |
|                          |  |                 | <b>5:40pm - 6:00pm<br/>Marie Curie Award</b>  |                 |  |              |   |      |
|                          |  |                 | Erina Vlashi  | 205             | 5:45pm-6:30pm<br>PS7-Physico-Chemical Events / Clinical<br>therapeutics / Translational research /<br>Mutagenesis / Clastogenesis                              | Exhibit Hall |   |      |
|                          | <b>6:00-9:00pm<br/>SIT/ARRO<br/>Reception</b>  |                 | Awards mixer immediately following  |                 |  |              |   |      |

SIT WORKSHOP