**STUDY GROUP SESSION**

**Title:** MR of Cancer  
**Day:** Tuesday, 10 May 2016  
**Time:** 16:00-18:00  
**Room #:** Hall 405 E

**Study Group Chair:** Ralph P. Mason, Ph.D.; **Secretary:** Arvind P. Pathak, Ph.D., Ferdia A. Gallagher, Ph.D.;  
**Committee:** Past Chair, Paula J. Foster, Ph.D.  
**2016-2017 Incoming Committee:** Secretary, Simon P. Robinson, Ph.D.; **Trainee Representative:** Siver A. Moestue, Ph.D.

**Overview:** MRI wins? MRI can provide insights into many parameters, but has limits. Integration with additional modalities may better serve scientific endeavor or prognostic/diagnostic needs. This session will consider pros and cons of diverse imaging modalities in interrogating tumors and seek to illuminate why a particular method, combination of methods and/or modalities provides optimal insights into the investigators questions.

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>16:00</td>
<td>Introduction - Welcome &amp; Business Meeting</td>
<td>Ralph P. Mason, Ph.D. UT Southwestern MC at Dallas, USA</td>
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<tr>
<td>16:15</td>
<td>Treatment Planning for Ocular Tumors: MRI Beats Ultrasound</td>
<td>Jan-Willem M. Beenakker, Ph.D. Leiden University Medical Center, The Netherlands</td>
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<td>16:27</td>
<td>Comparing Multiparametric MRI &amp; Photoacoustic Tomography to Evaluate Vascular Disruption in Tumors</td>
<td>Heling Zhou, Ph.D. UT Southwestern Medical Center, USA</td>
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<td>16:51</td>
<td>Multimodality Multiparametric $^{18}$ F-Flucilovine PET/MRI for Computer-Assisted Detection of Primary Prostate Cancer</td>
<td>Mattijs Elschot, Ph.D. Norwegian University of Science &amp; Technology, Norway</td>
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<td>17:03</td>
<td>Initial Experiences of Simultaneous In Vivo Metabolic Imaging using MRI, PET, &amp; Hyperpolarized $^{13}$ C MRSI from Rat Glioma Models</td>
<td>Jae Mo Park, Ph.D. Stanford University, USA</td>
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<td>17:15</td>
<td>Keynote Speaker: The Role of Simultaneous Multimodal MR-PET Imaging in Neuro-Oncology</td>
<td>N. Jon Shah, Ph.D. Forschungszentrum Juelich GmbH, Germany</td>
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<td>17:45</td>
<td>Awards &amp; Closing Remarks</td>
<td>Ralph P. Mason, Ph.D. UT Southwestern MC at Dallas, USA</td>
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<td>18:00</td>
<td>Adjournment</td>
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