



# Radiation Research Society

## Scholars in Training (SIT)

### Newsletter April 2015

#### Forward / Announcements

Dear SIT Members,

The year proceeds quickly and the early registration for the 61st RRS Annual Meeting in Weston, FL, is already open. By now, the [tentative schedule](#) for the SIT workshop has continuously taken shape and it is our great pleasure that several excellent speakers from multiple disciplines will participate. The topic of this year's workshop is 'Advances in Clinical Approaches to Cancer Therapy', which includes novel types of radiation like proton therapy, alternative fractionation schedules but also new kinds of targeted drugs.

Additionally, there will again be the possibility to learn more about successful grant writing in our Grantsmanship Workshop (speakers: Professor David Gius, Northwestern University and Professor James Larner, University of Virginia).

Finally, this year we will be adding a fun new element to the SIT workshop: a Karaoke contest! We will hold 2 contests, one on Saturday, September 19<sup>th</sup>, immediately following the Welcome Reception and another on Monday, September 21<sup>st</sup> at 10 PM. Both will be held in the Society Lounge at the Bonaventure Resort. Please click [here](#) for more information.

Thanks to all who sent us nominations for the 'Excellence in Mentoring Award'. We got several nomination letters and the final result will be announced within the next months.

We are also always happy to promote your science in the newsletter. Therefore we would appreciate it very much if you give us notice of any SIT publication you know of.

I'm looking very much forward to meeting you all at the RRS meeting in September.

All the best

**Iris Eke MD, PhD, SIT Committee Member**

### Suggested informative material for the workshop

Dewhirst M, et al., "[Novel Approaches to Treatment of Hepatocellular Carcinoma and Hepatic Metastases Using Thermal Ablation and Thermosensitive Liposomes](#)", Surg Oncol Clin N Am. 2013 July ; 22(3): 545–561 (Review)

Paganetti H, "[Range uncertainties in Proton Therapy](#)", 2013 AAPM Annual Meeting (Video)

Metheny-Barlow LJ, Li LY, "[The enigmatic role of angiopoietin-1 in tumor angiogenesis](#)", Cell Res. 2003 Oct;13(5):309-17 (Review)

### Recent SIT publications

Oppelt M, Baumann M, Bergmann R, Beyreuther E, et al.: [Comparison study of in vivo dose response to laser-driven versus conventional electron beam](#). Radiat Environ Biophys. 2015 Jan 20.

Friedrich T, Durante M, Scholz M: [Simulation of DSB yield for high LET Radiation](#). Radiat Prot Dosimetry. 2015 Apr 16. pii: ncv147.

Herr L, Friedrich T, Durante M, Scholz M: [Sensitivity of the giant loop binary \(GLOBLE\) cell survival model on parameters characterising effects](#). Radiat Prot Dosimetry. 2015 Apr 16. pii: ncv150.

Tommasino F, Friedrich T, Scholz U, Taucher-Scholz G, Durante M, Scholz M: [Application of the local effect model to predict DNA double-strand break rejoining after photon and high-LET Irradiation](#). Radiat Prot Dosimetry. 2015 Apr 15. pii: ncv164.

Lee Y-H, Sun Y, Gerweck L, Glickman R: [Regulation of DNA Damage Response by Estrogen Receptor  \$\beta\$ -Mediated Inhibition of Breast Cancer Associated Gene 2](#). Biomedicines 2015 April 21, 3, 182-200.

### Upcoming professional meetings and courses



International Congress of Radiation Research (ICRR)  
Kyoto, Japan; May 25-29, 2015

Abstract submission: **closed**  
Exclusive RRS Member Registration: **No Longer Available**  
[More information](#)



57<sup>th</sup> Annual American Association of Physicists in Medicine (AAPM) Meeting  
Anaheim, CA; July 12-15, 2015

Abstract submission: **closed**

Registration: **open**

[More information](#)



61<sup>st</sup> Annual Radiation Research Society Meeting  
Weston, FL; Sept. 19-22, 2015

Late Breaking Abstract submission: **open**

[Submission Site](#)

Registration: **open**

[More information](#)



The European Cancer Congress 2015  
Vienna, Austria; Sept. 25-29, 2015

Abstract submission: **closed**

Registration: **open**

[More information](#)



American Society for Radiation Oncology Annual Meeting  
Oct. 18-21, 2015

Abstract submission: **closed**

[More information](#)

Do you know of any upcoming professional meetings? Please let us know, email details to [pblack@wakehealth.edu](mailto:pblack@wakehealth.edu)

### Career opportunities

**Multiple Faculty Positions**, Biophysics / Biomedical Engineering / Biochemistry, Heriot Watt University, Edinburgh, Scotland: [More information](#)

**Assistant Professor, Radiation Physics**, East Carolina University, USA: [More information](#)

For more jobs see [academicjobs.org](http://academicjobs.org) and [biocareers.com](http://biocareers.com)

### SIT Committee Contact Details

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