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## **Dear Colleagues**

Following our quite successful 2011 Munich conference on "Radiation Oncology in Prostate Cancer", we are proud once again to host a radiation oncology meeting distinguished by renowned speakers and chairs. The scientific program has been organized in close cooperation with the radiation oncology departments of the "Technische Universität München" and the "Krankenhaus Barmherzige Schwestern Linz". This year, we have included bladder cancer as a second disease entity, which -similar to prostate cancer- is a urologic tumor that can be cured by radio(chemo)therapy. In addition, new topics such as stereotactic prostate radiation therapy, focal treatment and laser based protons are integral parts of this conference. New developments with regard to imaging, hypofractionation, brachytherapy and treatment of recurrence are being eagerly awaited and will be discussed. The meeting will be concluded with our ritual "battle" between dedicated followers of proton versus photon treatment.

2013 is a special year for the Department of Radiation Oncology of the TU München as both Prof. Molls and Prof. Geinitz are leaving the clinic. Thus, the pre-conference on March 7th entitled "37 years of radiation research - a Darwinian evolution?" is dedicated to highlighting the development of radiobiology, medical physics and radiooncology during the last three decades. Fellow research colleagues and clinical partners of Prof. Molls will be leading us through the program.

We are confident that the conference will again provoke vivid discussions and may even contribute to the further evolution of radio-uro-oncology. We look forward to seeing you in pre-spring in the Bavarian capital where the "Biergarten" and palace parks will be beginning to flourish.

# **Congress Venue:**

Klinikum rechts der Isar, Technische Universität München Hörsäle (Lecture halls) Ismaninger Straße 22, 81675 Munich, Germany

### Organization:

Department of Radiation Oncology Technische Universität München Barbara Hofbauer, Dipl.-BW For registration and further information please visit: www.prostate-radiation-oncology.de

### Contact:

vokativ GmbH, roc@vokativ.de T: 0049-551-48857-409

Early bird registration (until January 18th, 2013): 170 Euros Late and onsite registration: 230 Euros

### Students:

Early bird registration (until January 18th, 2013): 50 Euros Late and onsite registration: 70 Euros

The conference fee includes participation in the pre-conference on Thursday (March 7th, 2013). The Social Dinner on March 8th will be charged with 30 Euros.

**CME points:** Pre-conference 7 points Main conference 13 points (Bayerische Landesärztekammer)



Klinikum rechts der Isar Technische Universität München







KRANKENHAUS BARMHERZIGE Linz

ΠП

# **Radiation Oncology in Prostate** and Bladder Cancer – Current and Future Concepts

Prof. Michael Molls: 37 Years of Radiation Research and 21 Years at the TU München

Pre-Conference: March 7, 2013 Conference: March 8 - 9, 2013

Klinikum rechts der Isar Technische Universität München (TU Munich)



Prof. Dr. PD Dr. Dr. Barbara Röper Nona Duma Michael Molls Hans Geinitz Vice chair Chair Munich Chair Linz Munich Munich

Prof. Dr.



# Radiation Oncology in Prostate and Bladder Cancer – Current and Future Concepts

11:20 - 11:40

Radiation therapy for bladder cancer:

### **Pre-Conference** - 37 Years of Radiation Research A Darwinian Evolution ?

Thursday, March 7, 2013 Hörsaal (Lecture hall): Pavillon

#### 12:00 – 12:15 Welcome address

Hans Geinitz, Chair Department of Radiation Oncology Linz Peter Henningsen Dean Medical Faculty, TUM

### Keynote lecture

Chair: J. Wilkens

12:15 - 12:40 Interdisciplinary research at the interface of physics and biomedicine: the benefit for modern societies and the MAP Cluster of Excellence. F. Krausz, Munich

#### Radiobiological evolution Chairs: C. Streffer, B. Röper

- 12:40 13:00 From pre-implantation mouse embryos over cancer stem cells to combined radiation-immune therapy. G. Multhoff, Munich
  13:00 - 13:20 Hypoxia – still a threat for radiation oncology and radiation oncologists? P. Vaupel, Munich
  13:20 - 13:35 Radiation biology of laser induced protons and heavy ions. T. Schmid, Munich
  13:35 – 13:55 Normal tissue radiation injury: how will radio-
- biology help to save organs at risk? *M. Atkinson, Munich*

13:55 – 14:15 **Discussion** 

15:35 - 15:55

15:55 - 16:15

#### 14:15 – 14:35 Coffee break

Discussion

Coffee break

#### Medical physics evolution Chairs: P. Kneschaurek, N. Zamboglou

Chairs. F. Kneschaurek, N. Zamboyio

14:35 - 14:55Radiotherapy facilities - do we need all the<br/>fancy novelties?<br/>F. Nüsslin, Munich14:55 - 15:15Stereotactic body radiotherapy - successful<br/>implementation as a consequence of close<br/>cooperation of radiation oncology and<br/>medical physics.<br/>F. Zimmermann, Basel15:15 - 15:35IMRT and protons: is physics the driver for a<br/>better treatment?<br/>T. Bortfeld, Boston

### Radio-oncology evolution

Chairs: H.J. Feldmann, J. Debus

- 16:15 16:35 **Essentials of tumor radiation biology.** *K. R. Trott, Munich*
- 16:35 16:55 Where are the innovations in clinical and translational research in radiation oncology? A. Grosu, Freiburg
- 16:55 17:15 Treatment concepts innovation triggered by patients? C. Nieder, Bodø
- 17:15 17:35 **Scientific ethics and clinical studies.** *P. Lukas, Innsbruck*
- 17:35 17:55Discussion17:55 18:15Michael Molls: 37 years of radiation research.<br/>T. Herrmann, Dresden
- 18:15 End of pre-conference

# **Conference** - Radiation Onoclogy in Prostate and Bladder Cancer

Friday, March 8, 2013 Hörsaal (Lecture hall): A

08:30 - 08:40 Welcome address Hans Geinitz, Chair Department of Radiation Oncology Linz Reiner Gradinger - Medical Director TUM Michael Molls, Chair Department of Radiation Oncology TUM

#### Imaging and delineation

Chairs: A. Grosu, E. Rummeny

- 08:40 09:00 New X-ray imaging modalities: will brilliant CT come into the clinic in the upcoming years? *F. Pfeiffer, Munich*
- 09:00 09:20 New PET tracers and biomarkers for the staging of prostate cancer. W. Lilleby, Oslo
- 09:20 09:40 MRI imaging: sensitivity and specificity for intraprostatic lesion boost. *M. Reiser. Munich*
- 09:40 10:00 Safety margins with IMRT and IGRT: how much is large enough? F. Wenz, Mannheim
- 10:00 10:20 Discussion

#### 10:20 - 10:40 Coffee Break

Radiation therapy techniques Chairs: S. Fosså, D. Vordermark

- 10:40 11:00 IMRT for prostate cancer total doses and dose constraints. S. Fosså, Oslo
- 11:00 11:20 IGRT for prostate cancer implanted markers vs. on board CT. N. Duma, Munich

	target volumes and doses. J. Dunst, Lübeck		Saturday, March 9, 2013 Hörsaal (Lecture hall): A
11:40 - 12:00	Discussion		
12:00 - 12:20	Coffee Break		
	with regard to overall survival Chairs: P. Warde, JH Kaanders		Brachytherapy Chairs: K. Kapp, O. Kölbl
12:20 - 12:40	Does radiation therapy increase the survival in patients with prostate cancer? <i>P. Warde, Toronto</i>	9:00 - 9:20	HDR brachytherapy: new techniques and recent trials. N. Zamboglou, Offenbach
12:40 - 13:00	Does surgery increase the survival in patients with prostate cancer? J. Gschwend, Munich	9:20 - 9:40	Seed implantation: moving towards treatment of intermediate risk patients? <i>M. Flentje, Würzburg</i>
13:00 - 13:20	More late toxicity and decreased quality of life – the trade-offs for a better survival? <i>R. Pötter, Wien</i>	9:40 - 10:00	Discussion
		 10:00 - 10:20	Coffee Break
13:20 - 13:40	Discussion		Treatment of recurrence
13:40 – 15:10	Lunch and industrial exhibition		Chairs: H. Geinitz, F. Sedlmayer
15 10 15 00	Conservative treatment vs. radical surgery Chairs: J. Gschwend, C. Belka	10:20 - 10:40	Biochemical recurrence after definitive radiotherapy – how long can we watch and wait?
15:10 – 15:30	Comparative trials on radiation therapy vs. surgery for prostate cancer. D. Böhmer, Berlin	10:40 - 11:00	F. Lohr, Mannheim Systemic therapy for biochemical recurrence: how and when?
15:30 - 15:50	Comparative trials on radiation therapy vs. surgery for bladder cancer.	44.00 44.00	H. Kübler, Munich
15:50 - 16:10	C. Rödel, Frankfurt Discussion	11:00 - 11:20	Recurrence after radiation therapy: local therapy- how and when? W. Loidl. Linz
	Controversy: whole organ treatment vs. lesion boost Chairs: M. Kollmeier, M. Stuschke	11:20 - 11:40	Recurrence after radical prostatectomy: new trials on salvage-treatment. G. Goldner, Wien
16:10 – 16:30	Focal radiation therapy in prostate cancer: when, how and why? <i>M. Kamrava, Los Angeles</i>	11:40 - 12:10	Discussion
16:30 - 16:50	Focal radiation therapy in bladder cancer:	 12:10 - 13:30	Lunch and industrial exhibition
	time for dose escalation? M. Kollmeier, New York		Controversy: protons and heavy ions vs. photons
16:50 - 17:10	Discussion		Chairs: M. Molls, V. Budach
17:10 – 17:30	Coffee break	13:30 - 13:50	Treating patients on trials in proton
	Hypofractionation and stereotactic treatment Chairs: D. Dearnaley, N. Duma		facilities: where do we stand? R.Schneider, Villigen
17:30 - 17:50	New trials on hypofractionation for prostate cancer. D. Dearnaley, London	13:50 - 14:10	New evidence for the superiority of protons or heavy ions in prostate cancer treatment. <i>J. Debus, Heidelberg</i>
17:50 - 18:10	Stereotactic treatment for prostate cancer: how and why? M. Guckenberger, Würzburg	14:10 - 14:30	New evidence against the superiority of protons or heavy ions in prostate cancer treatment.
18:10 – 18:30	Hypofractionation or acceleration for bladder cancer? S. Combs, Heidelberg		N. van As, Sutton
		14:30 - 14:50	Discussion
18:30 - 18:50	Discussion	14:50	Closing Remarks
20.00	Conference dinner		