



## Preliminary Programme

# 1st World Congress on Ga-68 and Peptide Receptor Radionuclide Therapy (PRRNT)

## THERANOSTICS – on the Way to Personalized Medicine

**June 23 – 26, 2011**

Organized by:  
Department of Nuclear Medicine/Center for PET  
Zentralklinik Bad Berka GmbH  
99437 Bad Berka, Germany

Institute of Nuclear Chemistry  
Johannes Gutenberg University  
55099 Mainz, Germany



Institut für  
Kernchemie

38	Zn-68 18,8 % ∞	
37		Ga-68 1,130 h
	30, Zn	31, Ga

**1st World Congress on Ga-68 and PRRNT**  
**Zentralklinik Bad Berka, Germany**  
**June 23 - 26, 2011**

**Friday, June 24, 2011**

<b>07:30</b>	<b>Registration</b>	
<b>08:30</b>	<b>Opening Ceremony</b>	
<b>Chairpersons</b>	Richard P. Baum, Bad Berka (Germany) Frank Rösch, Mainz (Germany)	
	<b>Opening Remarks</b> <b>Local and National/International Representatives of IAEA, WFNMB, WARMTH, EANM, DGN</b>	
	<b>Opening Lecture:</b> Ge-68/Ga-68 Generators - Past, Present and Future <span style="float: right;">Frank Rösch, Mainz (Germany)</span>	
<b>09:30 - 10:00</b>	<b>Coffee / Tea / Opening of Trade Exhibition</b>	
<b>10:00 - 11:30</b>	<b>SCIENTIFIC SESSION 1</b>	
<b>Chairpersons</b>	Bengt Langström, Uppsala (Sweden) Richard P. Baum, Bad Berka (Germany)	
	Ga-68 Tracers: Pro and Cons – Some Thoughts around Technology for Routine Production	Bengt Langström, Uppsala (Sweden)
	Overview and Perspectives on Automation Strategies in Ga-68 Radiopharmaceutical Production	Steffano Boschi, Bologna (Italy)
	Post-processing via Cation Exchange Cartridges: Versatile Options	Frank Rösch, Mainz (Germany)
<b>11:30 - 12:30</b>	<b>SCIENTIFIC SESSION 2</b>	
<b>Chairpersons</b>	Wouter Breeman, Rotterdam (The Netherlands) Helmut Mäcke, Freiburg (Germany)	
	Ga-68 Labeled Annexin for Apoptosis Imaging	Alfons Verbruggen, Leuven (Belgium)
	Ga-68 PET for Infection Imaging	Vijay Kumar, Sydney (Australia)
<b>12:30 - 14:00</b>	<b>Lunch / Trade Exhibition</b>	
<b>14:00 - 15:00</b>	<b>SCIENTIFIC SESSION 3</b>	
<b>Chairpersons</b>	Otto Boerman, Nijmegen (The Netherlands) Alfons Verbruggen, Leuven (Belgium)	
	About New Peptides	Helmut Mäcke, Freiburg (Germany)
	Ga-68 Labeled Peptides and Phage Display Selected Peptides for PET Imaging of Cancer	Cathy Cutler, Columbia (USA)

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<b>15:00 - 16:30 SCIENTIFIC SESSION 4</b>	<b>New Ga-68 Pharmaceuticals: Chemistry and Pre-clinical Evaluation</b>	
<b>Chairpersons</b>	Cathy Cutler, Columbia (USA) Geerd-Jürgen Meyer, Hannover (Germany)	
	Pretargeted Immuno-PET of Colorectal Cancer with Bispecific Antibodies	Otto Boerman, Nijmegen (The Netherlands)
	Ga-68 Labeled PET Tracers for Studying Pathophysiological Properties of the P-glycoprotein	Oliver Thews, Halle (Germany)
	Ga-68 Labeled Peptides for Imaging Medulloblastoma Using alpha MSH Analogs	Michael Schultz, Iowa (USA)
<b>16:30 - 17:00 Coffee / Tea / Trade Exhibition</b>		
<b>17:00 - 18:00 SCIENTIFIC SESSION 5</b>	<b>Lu-177, Y-90: Production, Chemistry and Pre-clinical Evaluation</b>	
<b>Chairpersons</b>	Konstantin Zhernosekov, Bern (Switzerland) Frank Rösch, Mainz (Germany)	
	Lu-177, Y-90: Production, Chemistry and Pre-clinical Evaluation	Marc Harfensteller, Munich (Germany)
	Lu-177-BPAMD and Ga-68-BPAMD: THERANOSTICS for Bone Metastases	Marco Fellner, Mainz (Germany)
	Radiolabeled GRPR-Antagonists: New Promising Tools for the Diagnosis and Therapy of GRPR positive Tumors	Theodosia Maina, Athens (Greece)
<b>18:00</b>	<b>End of session</b>	
<b>18:30</b>	<b>Buses leaving from Zentralklinik to Schloss Ettersburg</b>	
<b>19:30</b>	<b>Welcome Reception</b>	

## Saturday, June 25, 2011

<b>07:30</b>	<b>Registration</b>													
<b>08:30 - 10:00</b>	<b>SCIENTIFIC SESSION 6</b>	<b>Ga-68 Imaging in Clinical Practice – Worldwide Experience</b>												
	<b>Chairpersons</b>	Wolfram H. Knapp, Hannover (Germany) N.N.												
		<table border="0"> <tr> <td>The European Experience</td> <td>Gabriele Pöpperl, Stuttgart (Germany)</td> </tr> <tr> <td>The Indian Experience</td> <td>Vikram Lele, New Delhi (India)</td> </tr> <tr> <td>The Latin American Experience</td> <td>Horacio Amaral, Santiago de Chile (Chile)</td> </tr> <tr> <td>The Australian Experience</td> <td>Tim Akhurst, Melbourne (Australia)</td> </tr> <tr> <td>The Singapore Experience</td> <td>Ajit Padhy, Singapore (Singapore)</td> </tr> <tr> <td>The Mexican Experience &amp; Rest of the World</td> <td>Enrique Estrada Lobato, Mexico City (Mexico)</td> </tr> </table>	The European Experience	Gabriele Pöpperl, Stuttgart (Germany)	The Indian Experience	Vikram Lele, New Delhi (India)	The Latin American Experience	Horacio Amaral, Santiago de Chile (Chile)	The Australian Experience	Tim Akhurst, Melbourne (Australia)	The Singapore Experience	Ajit Padhy, Singapore (Singapore)	The Mexican Experience & Rest of the World	Enrique Estrada Lobato, Mexico City (Mexico)
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<b>10:00 - 10:30</b>	<b>Coffee / Tea / Trade Exhibition</b>													
<b>10:30 - 12:30</b>	<b>SCIENTIFIC SESSION 7</b>	<b>Invited and Free Oral Papers</b>												
	<b>Chairpersons</b>	N.N. N.N.												
	<b>Invited Lectures:</b>													
	Ventilation/perfusion scans using Ga-68 labelled tracers	Jörg Kotzerka, Dresden (Germany)												
	Intraoperative Use of Gamma Probes for Intraoperative Detection of NET	Daniel Kämmerer, Bad Berka (Germany)												
	Engineered Bacteria for Cancer Theranostics	Jung-Joon Min, Chonnam (South Korea)												
	Prospective Comparative Study of Ga-68 DOTATOC, F-DOPA and In-111 Pentetreotide in Digestive NET	Jean-Noel Talbot, Paris (France)												
	PET/CT-directed Biopsies	Rakesh Kumar, New Delhi (India)												
	Gallium Radiopharmaceuticals: A Medicinal Chemistry Perspective	Maung Maung Saw, Singapore (Singapore)												
	Lu-177 Octreotate in GEP NET: Outcome with Special Regard to Tumor Grade and Bone Metastases	Samer Ezziddin, Bonn (Germany)												
	A Schema of Therapeutic Options for Neuroendocrine Tumors and the value of Biomarkers	Thomas O`Dorisio, Iowa City (USA)												
	<b>Free Papers:</b>													
<b>12:30 - 14:00</b>	<b>Lunch / Trade Exhibition</b>													

## Saturday, June 25, 2011

<b>14:00 - 16:00</b>	<b>SCIENTIFIC SESSION 8</b>	<b>PRRNT – The European Experience</b>	
	<b>Chairpersons</b>	Jean-Claude Reubi, Bern (Switzerland) Helmut Mäcke, Freiburg (Germany)	
		The Swiss Experience (with Special Features from Basel)	Jan Müller-Brand, Basel (Switzerland)
		The Netherlands Experience (with Special Features from Rotterdam)	Dik Kwekkeboom, Rotterdam (The Netherlands)
		The Italian Experience (with Special Features from Milano)	Lisa Bodei, Milano (Italy)
		The German Experience (with Special Features from Bad Berka)	Dieter Hörsch, Bad Berka (Germany)
		The Austrian Experience (with Special Features from Innsbruck)	Irene Virgolini, Innsbruck (Austria)
		The UK Experience (with Special Features from London)	John Buscombe, Cambridge (United Kingdom)
		The Polish Experience (with Special Features from Warsaw)	Jolanta Kunikowska, Warsaw (Poland)
<b>16:00 - 16:30</b>	<b>Coffee / Tea / Trade Exhibition</b>		
<b>16:30 - 18:00</b>	<b>SCIENTIFIC SESSION 9</b>	<b>Dosimetry and Radiation Protection</b>	
	<b>Chairpersons</b>	Michael Lassmann, Würzburg (Germany) N.N.	
		<b>Invited Lectures:</b>	
		BadBerkaDose (BBD) – Results in 500 Patients with a Routinely Applicable Software Package for dosimetry in PRRNT	Christiane Schuchard, Bad Berka (Germany)
		Renal Toxicity	Vikas Prasad, Berlin (Germany)
		Radiation Protection Issues in PRRNT and Results of the ORAMED Project	Arndt Rimpler, Berlin, Germany
		4-D SPECT/CT in 3-D dose calculation for Lu-177-PRRT	Kairemo Kalevi, Helsinki (Finland)
		<b>Free Oral Papers</b>	
	<b>Chairpersons</b>	N.N. N.N.	
<b>18:00</b>	<b>End of session</b>		
<b>18:30</b>	<b>Buses leaving from Zentralklinik to Rittergut München</b>		
<b>19:30</b>	<b>Midsummer Night at Rittergut München</b>		

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**Sunday, June 26, 2011**

<b>08:30</b>	<b>Registration</b>	
<b>09:00 - 11:00 SCIENTIFIC SESSION 10</b>	<b>PRRT - World Wide Experience</b>	
<b>Chairpersons</b>	<p>Ajit Padhy, Singapore (Singapore)  Hans-Jürgen Biersack, Bonn (Germany)</p> <p>The Australian Experience (with Special Features from Fremantle)      J. Harvey Turner, Fremantle (Australia)  The Latin American Experience (with Special Features from Santiago de Chile)      Horacio Amaral, Santiago de Chile (Chile)  The Indian Experience      Chandra Sekhar Bal, New Delhi (India)  Safety and Efficacy of PRRT in Children and Young Adults and the US Experience      Sue O'Doriso, Iowa City (USA)</p>	
	<b>Free Oral Papers</b>	
<b>Chairpersons</b>	<p>N.N.  N.N.</p>	
<b>11:00 - 11:30 Coffee / Tea / Trade Exhibition</b>		
<b>11:30 - 12:30 SCIENTIFIC SESSION 11</b>	<b>Free Oral Papers</b>	
<b>Chairpersons</b>	<p>N.N.  N.N.</p>	
<b>12:30 - 14:00 SCIENTIFIC SESSION 12</b>	<b>New Horizons &amp; Future Developments</b>	
<b>Chairpersons</b>	<p>Frank Rösch, Mainz (Germany)  Wolfgang Weber, Freiburg (Germany)</p>	
	<p>Old and New Peptide Receptor Targets in Cancer: Future Directions  Novel Targets for Peptide Receptor Based Imaging and Therapy  TANDEM PRRT  PRRT Combined with TACE and SIRT and Intra-arterial PRRT  Intra-arterial PRRT – The Heidelberg Experience  Intra-arterial PRRT – The Warsaw Experience</p>	<p>Jean-Claude Reubi, Bern (Switzerland)  Wolfgang Weber, Freiburg (Germany)  Jolanta Kunikowska, Warsaw (Poland)  Alexander Petrovitch, Bad Berka (Germany)  Clemens Kratochwil, Heidelberg (Germany)  Jaroslaw Cwikla, Warsaw, Poland</p>
	<b>Closing Lecture:</b>	
	<b>THERANOSTICS – Where do we go from here?</b>	<b>Richard P. Baum, Bad Berka (Germany)</b>
<b>14:00</b>	<b>Closing Remarks</b>	