



# First Kuopio Symposium on PET Imaging and Radiotracer Production

## 2016

*Preliminary Program*

### Monday 16<sup>th</sup> May, 2016

9:15 – 09:45	Registration, Coffee, Exhibition
09:45 – 09:55	Opening words Hospital district director, Risto Miettunen, KUH
09:55 – 11.25	<b>Session 1 PET- Radiotracer Production Facilities 1</b> <i>(given in Finnish)</i> Chair Esko Vanninen, KUH
09:55 – 10.25	Starting of PET- Radiotracer Production: Steps from Design to Implementation Medical Physicist Mikko Hakulinen, KUH
10.25 – 11.25	Production Facilities – Designer and Constructor Point of View <ul style="list-style-type: none"> <li>• T.B.A. (HPAC)</li> <li>• T.B.A (Electricity/Automation)</li> <li>• T.B.A. (Architect)</li> <li>• T.B.A. (Constructor)</li> <li>• Pekka Turunen (Hospital Property Management, KYS)</li> </ul>
11.10 – 12.50	<b>Lunch / Radiotracer Production Facility Tours</b>  <b>Group 1: 11.40 – 12.25</b> <b>Group 2: 12.30 – 13.15</b>
12.50 – 14.20	<b>Session 2 PET- Radiotracer Production Facilities 2</b> Chair Juhana Hakumäki, KUH
12.50 – 13.50	Equipment / Layout Definitions and Validation Processes Medical Physicist Mikko Hakulinen, Radiochemist Antti Mali, KUH
13.50 – 14.20	Radiation Safety Aspects in PET- Radiotracer Production Radiochemist Jyri Lehto, HUS
14.20 – 14.50	<b>Break and Exhibition</b>
14.50 – 15.50	<b>Session 3 Clinical and pre-clinical use of PET - radiotracers</b> Chair Professor Tomi Laitinen, KUH
14.50 – 15.20	Current clinical use vs. recommendations Chief physician Hanna Mussalo, KUH
15.20 – 15:50	Possibilities in pre-clinical research Kimmo Jokivarsi, A.I.V. Institute, UEF

<b>15.50 – 17.20</b>	<b>Coffee (served during Session 4 within lecture halls)</b>
<b>15.50 – 17.20</b>	<b>Session 4a - Small Group Discussion 1 (Lecture Hall)</b> Chairs Physicist Mikko Hakulinen (KUH), Physicist N.N., Physicist N.N.
<b>15.50 – 17.20</b>	PET- Radiotracer Production – Physicist perspective <ul style="list-style-type: none"> <li>• Challenges with Design and Implementation / Radiation safety</li> <li>• Production Start-Up</li> <li>• Areal Distribution</li> </ul>
<b>15.50 – 17.20</b>	<b>Session 4b - Small Group Discussion 2 (Auditorium)</b> Chairs T.B.A.
<b>15.50 – 17.20</b>	PET- Radiotracer Production – Physician perspective <ul style="list-style-type: none"> <li>• Topic 1</li> <li>• Topic 2</li> <li>• Topic 3</li> </ul>
<b>15.50 – 17.20</b>	<b>Session 4c - Small Group Discussion 3 (Small Lecture Hall)</b> Chairs Chemist Antti Mali (KUH), Chemist Jyri Lehto (HUS) Chemist Tiina Lipponen (HUS)
<b>15.50 – 17.20</b>	PET- Radiotracer Production – Chemist perspective <ul style="list-style-type: none"> <li>• Process Validations</li> <li>• Introduction of New Tracers</li> <li>• GMP Requirements in Healthcare</li> <li>• Challenges in Carbon-11 Tracer Production</li> </ul>
<b>19.00 -</b>	<b>Dinner, Restaurant Kuopion Klubi</b> <b>Kuninkaankatu 10, 70100, Kuopio</b>

## Tuesday 17<sup>th</sup> May, 2016

9.00 – 10.30	<b>Session 5 PET Radiotracer Production</b> Chair T.B.A.
09.00 – 9.30	Novel Radiotracer Production Instrumentation – Now and Future GE Healthcare
9.30 – 10.00	Possibilities for Production of Uncommon Radionuclides with Commercial Cyclotrons Prof. Andreas Türler, Paul Scherrer Institut, Switzerland
10.00 – 10.30	<sup>68</sup> Ga Radiotracer Production Radiochemist Tiina Lipponen, HUS
10.30 – 11.30	<b>Coffee, Exhibition</b>
11.30 – 13.00	<b>Session 6 Clinical Significance of Local PET-Radiotracer Production (Auditorium)</b> Chair Hanna Mussalo, KUH
11.30 – 12.00	Oncology in Clinical Practice Physician Jukka Kemppainen, Turku PET Centre
12.00 – 12.30	Neurology in Clinical Practice Professor Juha Rinne, Turku PET Centre
12.30 – 13.00	Cardiology in Clinical Practice Professor Juhani Knuuti, Director, Turku PET Centre
13.00 – 13.20	<b>Closing Symposium</b> Department Director Hanna Mussalo
13.20	<b>Lunch</b>

**Have a safe journey!**

*In collaboration with*



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