

12th SWISS EXPERIMENTAL SURGERY SYMPOSIUM

Geneva, 15th January 2016

New Radio Isotopes for Diagnosis & Treatment In Pre-clinical and Clinical Research

Friday, 15th January (HUG – Opera)

08.00	REGISTRATION	
08.30	Welcome address Introduction	B. Levrat, HUG L. Bühler, HUG
08.45 – 10.00	BASICS OF RADIO ISOTOPES FOR BIOMEDICAL APPLICATIONS <u>Chairmen:</u> T. Stora	
	➤ CERN-MEDICIS : Innovative radioisotopes for imaging and therapy in an European network	T. Stora, CERN
	➤ Quantitative Molecular Imaging for Theranostics and Personalized Medicine	P. Lecoq, CERN
	➤ Advanced Accelerator Application R&D pipeline	L. Maciocco, ADACAP
10.00 – 10.30	COFFEE BREAK & EXHIBITION	
10.30 – 11.45	RADIO ISOTOPES FOR MEDICAL DIAGNOSTICS <u>Chairmen:</u> O. Ratib	
	➤ New radiopharmaceuticals for theranostic applications	O. Ratib, HUG
	➤ Experimental and clinical applications of PET for cardiovascular diseases	B.H. Walpoth, HUG
	➤ ¹⁵² Tb and ⁶⁸ Ga-labeled DOTA-neurotensin analogs for targeting human ductal pancreatic cancers and glioblastoma	D. Viertl, CHUV
11.45 – 12.15	BASIC SCIENCE LECTURE <u>Chairmen:</u> L. Buhler, B.H. Walpoth	
	➤ Thinking out of the box : new therapeutic strategies for glioblastoma	D. Hanahan, EPFL/ISREC
12.30 – 13.30	MODERATED POSTER SESSION (LUNCH) <u>Chairmen:</u> B.H. Walpoth, L. Buhler	
13.30 – 14.45	PRE-CLINICAL MODELS USING RADIO ISOTOPES <u>Chairmen:</u> L. Buhler	
	➤ Robotics for brachytherapy	L. Bühler, HUG
	➤ Development of labelled exendin derivatives for imaging of beta-cell pathologies	M. Behe, Villigen, PSI
	➤ 3R aspects of the use of Radio Isotopes in pre-clinical animal models	F. Chabaud, CHUV
14.45 – 15.15	COFFEE BREAK AND EXHIBITION	
15.15 – 15.45	CHRISTIAN KLAIBER LECTURE <u>Chairmen:</u> B. Egger, S. Jacob	
	➤ Technological advances for the surgery of tomorrow	P. Morel, HUG
15.45 – 16.35	CLINICAL APPLICATIONS OF RADIO ISOTOPES <u>Chairmen:</u> J. Prior	
	➤ Molecular Imaging-Guided Surgery and Surgical Biopsy	J. Prior, CHUV
	➤ Alpha therapy for malignant gliomas WHO II-IV	A. Merlo, Bern
16.35 – 17.00	Evaluation & poster award Closing remarks	B. H. Walpoth, HUG L. Bühler, HUG