

ESMIT Online Course Fundamentals of Research in Imaging and Theranostics –

Part 1: Research Design

ESMIT

Facilitators
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 Paola Anna Erba
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Day 1

Introduction

14:00 - 14:05	Welcome and introduction	5	Elisabeth von Guggenberg
14:05 - 14:20	Session I: Paving the way for the clinical translation of cholecystokinin-2 receptor targeting	15	Elisabeth von Guggenberg
14:20 - 14:35	Session II: Strategies for in vitro characterisation: cell line models and experimental design	15	Luigi Aloj
14:35 - 14:50	Session III: Assessment of biological stability of radiometal-labeled peptides, influence of the assay conditions	15	Meltem Ocak
14:50 - 15:05	Session IV: Biodistribution studies in xenografted mice to find the optimal CCK2R-targeting peptide	15	Peter Laverman
15:05 - 15:20	Session V: The role of preclinical imaging in development of CCK-2 targeting peptides	15	Jane Sosabowski
15:20 - 15:35	Session VI: Investigational Medicinal Product Dossier as a key document to proceed towards a clinical trial	15	Petra Kolenc
15:35	End of Day 1		

Day 2

14:00 - 14:15	Session I: The EU regulatory framework for clinical trial translation of radiopharmaceuticals	15	Clemens Decristoforo
14:15 - 14:30	Session II: Quality requirements for a peptide precursor for radiopharmaceutical preparations	15	Piotr Garnuszek
14:30 - 14:45	Session III: Pharmaceutical formulation of a radiopharmaceutical for multicenter clinical trial	15	Renata Mikołajczak
14:45 - 15:00	Session IV: Toward clinical translation of [¹¹¹ In]/[¹⁷⁷ Lu]Lu-CP04: From mice to patients via a reliable kit formulation	15	Theodosia Maina
15:00 - 15:15	Session V: Dosimetry models of [¹¹¹ In]In-CP04 in mice and patients, extrapolation between species and towards therapy	15	Mark Konijnenberg
15:15 - 15:30	Session VI: Basics of study design for In-CP04	15	Paola Anna Erba
15:30 - 15:45	Closing remarks & Wrap up	15	Sona Balogova
15:45	Final Self-Assessment		
15:45	End of Day 2		