

Tentative program

Radboud Summer School: 'Basic Dosimetry and Radiobiology in Radionuclide Therapy' (RSS03.21)

3-7 July 2023

Monday July 3		
Time	Content	Teacher
09.00-11.00h	General introduction	RU Summer School
11.00-11.45h	Introduction course participants & teachers	Dr. S. Peters & Dr. J. Nonnekens
11.45-12.15h	General introduction	Dr. S. Peters & Dr. J. Nonnekens
Lunch		
13.30-14.30h	Radionuclide therapy and theranostics	Dr. S. Peters & Dr. J. Nonnekens
Coffee/Tea		
15.00-17.00h	Faculty tour	<i>tbd</i>

Tuesday July 4		
Time	Content	Teacher
09.00-09.15h	Daily intro and goals	Dr. J. Nonnekens
09.15-10.00h	General introduction of radiobiology of radio(nuclide) therapy	Dr. P. Span
10.00-10.30h	Radiobiology of different radiation qualities	Dr. J. Nonnekens
Coffee/Tea		
11.00-11.30h	Radiobiological markers for dose-effects in radionuclide therapy	Dr. J. Nonnekens
11.30-12.30h	Immunological effects of radionuclide therapy	Prof. S. Heskamp
Lunch with experts		
13.30-17.00h	Practical session Radiobiology	<i>tbd</i>

Wednesday July 5		
Time	Content	Teacher
09.00-09.15h	Daily intro and goals	Dr. S. Peters
09.15-10.15h	General introduction of radionuclide dosimetry	Dr. D. Lobeek
Coffee/Tea		
10.45-11.15h	Time activity curve fitting	Dr. M. Konijnenberg
11.15-11.45h	Quantification and standardisation	<i>tbd</i>
11.45-12.30h	Dosimetry logistics	Dr. S. Peters
Lunch with experts		
13.30-17.00h	Practical session Dosimetry	<i>tbd</i>

Thursday July 6		
Time	Content	Teacher
09.00-09.15h	Daily intro and goals	Dr. S. Peters

09.15-10.00h	Systemic therapies: pre- and post therapeutic dosimetry	Dr. D. Lobeek & Prof. J. Nagarajah
10.00-10.45h	Local applications of dosimetry	Y. Willink
Coffee/Tea		
11.15-12.00h	Preclinical dosimetry	S. Kleinendorst
12.00-12.30h	Cellular dosimetry	G. Tamborino
Lunch with experts		
13.30-17.00h	Practical session 'How to set up your own study'	<i>tbd</i>

Friday July 7		
Time	Content	Teacher
09.00-09.15h	Daily intro and goals	Dr. J. Nonnekens & Dr. S. Peters
09.15-09.45h	Combined therapies - RNT + drugs	Dr. J. Nonnekens
09.45-10.30h	Combined therapies - RNT + EBRT	Dr. B. Privé
Coffee/Tea		
11.00-11.45h	Alpha therapies	Prof. S. Heskamp & Dr. M. Konijnenberg
11.45-12.30h	Photodynamic therapy	<i>tbd</i>
Lunch with experts		
14.00-15.30h	Presentation/discussion assignment	<i>tbd</i>
Coffee/Tea		
16:00- ...	Farewell ceremony and drinks	