





















## Module II: Radiopharmaceutical Chemistry, R02.24

February 5-16, 2024, ETH Zurich

Course location: Campus ETH Hönggerberg, Vladimir-Prelog-Weg 10, 8093 Zurich, Building HCI, lecture room H 2.1, andere Räume folgen 1.24

Week 1	Mo, 5.2.2024	Tue, 6.2.2024	Wed, 7.2.2024	Thu, 8.2.2024	Fri, 9.2.2024
08.30 - 10.00		<b>Radionuclide production (2)</b> Prof. A. Türlér	<b>Chemistry of radio-metals other than Tc and Re (4)</b> Prof. T. Mindt	<b>Kits and pitfalls (5)</b> Dr. P. Koch	<b>In vitro- and in vivo-characterization of radiolabeled peptides and antibodies (7)</b> Dr. M. Béhé
10.00 - 10.30					
10.30 - 12.00	<b>Exam Mod I Ljub 2023</b> (11.00-12.00)	<b>Generator systems (3)</b> Prof. K. Kopka	<b>Chemistry of radio-metals other than Tc and Re (4)</b> Prof. T. Mindt	<b>Bioconjugation Methods in Radiopharmaceutical Sciences (6)</b> Prof. J. Holland	<b>Radiopharmacy Workshop (8)</b> HCI, Räume folgen 1.24 No. 1: Schibli/Johayem No. 2 Geistlich/Schmid No. 3: Nausser/Koch
12.00 - 13.00	<b>12.30 Registration</b>	 HCI Mensa			
13.00 - 17.00	<b>ETH CAS Radiopharmacy, Regula Furegati</b> <b>Introduction to radiopharmacy and dosimetry (1)</b> Info on participants presentation Prof. R. Schibli  15.00h	<b>Practical sessions ETHZ</b> (see separate program)	<b>Practical sessions ETHZ</b> (see separate program)	<b>Practical sessions ETHZ</b> (see separate program)	<b>Radiopharmacy Workshop (8)</b> No. 1: Schibli/Johayem No. 2 Geistlich/Schmid No. 3: Nausser/Koch  <b>Workshop presentations H 2.1</b>
19.00	<b>Welcome Dinner</b> Dozentenfoyer ETH Zentrum				

Week 2	Mo, 12.2.2024	Tue, 13.2.2024	Wed, 14.2.2024	Thu, 15.2.2024	Fri, 16.2.2024
08.30 - 10.00	<b>Radiopharmaceutical Chemistry with Fluorine-18 and other radiohalogens (9)</b> Dr. L. Mu	<b>Carbon-11 radio-chemistry and radio-pharmaceuticals(10)</b> Prof. B. Windhorst	<b>Animal and in vitro models (11)</b> Prof. S. Krämer	<b>Results from the practical and applied examples of radiolabeled peptides and proteins (13)</b> Dr. M. Béhé	<b>Presentations of participants (14)</b> Prof. R. Schibli Dr. M. Béhé Dr. L. Mu
10.00 - 10.30					
10.30 - 12.00	<b>Radiopharmaceutical Chemistry with Fluorine-18 and other radiohalogens (9)</b> Dr. L. Mu	<b>Carbon-11 radio-chemistry and radio-pharmaceuticals(10)</b> Prof. B. Windhorst	<b>The chemistry of Tc and Re (12)</b> Prof. R. Schibli	<b>Individual preparation of presentations</b>	<b>Presentations of participants (14)</b>
12.00 - 13.00					
13.00 - 17.00	<b>Practical sessions PSI &amp; ETHZ</b> (see separate program)	<b>Practical sessions PSI &amp; ETHZ</b> (see separate program)	<b>Practical sessions PSI &amp; ETHZ</b> (see separate program)	<b>Individual preparation of presentations</b>	<b>Presentations of participants (14)</b>  End of module ca. 15.00
				<b>17.00 Farewell Social</b> Bellavista, ETH Hönggerberg	