

# The new gene technology revolution – exploring genome engineering and transgenic animal research

19 - 21 March 2017, EMBL Heidelberg, Germany



**ELLS LearningLAB**

European Learning Laboratory for the Life Sciences

# Programme

<b>19. 3. 2017</b>	<b>Day 1</b>	<b>Location</b>
<b>16:30 - 17:00</b>	Registration and coffee	Seminar Room, Hotel ISG, Boxberg
<b>17:00 - 17:30</b>	Welcome to the LearningLAB	Seminar Room, Hotel ISG, Boxberg
<b>17:30 - 18:15</b>	Ice-breaker; speed-dating	Seminar Room, Hotel ISG, Boxberg
<b>18:15 onwards</b>	Light buffet and get-together	Hotel ISG, Boxberg
<b>20. 3. 2017</b>	<b>Day 2</b>	
<b>08:45 - 09:00</b>	Bus transfer from Hotel ISG to EMBL Heidelberg	
<b>09:00 - 10:00</b>	Scientific presentation: Introduction to genome engineering; Sibylle Vonesch	ATC Courtyard Room
<b>10:00 - 10:15</b>	Coffee Break	
<b>10:15 - 12:30</b>	Designing a gene editing experiment (hands-on & lab practical)	ATC Training Lab A
<b>12:30 - 13:30</b>	Lunch	EMBL Canteen
<b>13:30 - 14:30</b>	Scientific presentation: Knock-in genome editing; Birgit Koch	ATC Courtyard Room
<b>14:30 - 15:15</b>	Insights into research careers: 'Why become a scientist?'	ATC Courtyard Room
<b>15:15 - 15:30</b>	Coffee break	ATC Courtyard Room
<b>15:30 - 16:00</b>	Teaching resources, part I: teacher presentation by Georgios Villias & ELLS presentation	
<b>16:00 - 17:00</b>	Parallel visits in rotating groups: Flow Cytometry Facility Genomics Core Facility	EMBL laboratory facilities
<b>17:00 - 19:00</b>	Free time (bus transfer to hotel & city centre)	
<b>19:00</b>	Course dinner in Heidelberg city centre	Restaurant DaMario
<b>21. 3. 2017</b>	<b>Day 3</b>	
<b>08:45 - 09:00</b>	Bus transfer from Hotel ISG to EMBL Heidelberg	
<b>09:00 - 10:00</b>	Scientific presentation: Basics of animal research and generation of transgenic animals; Neil Dear	ATC Courtyard Room
<b>10:00 - 11:00</b>	Mouse Facility	EMBL laboratory facilities
<b>11:00 - 11:15</b>	Coffee break	
<b>11:15 - 12:30</b>	Ethics exercise; Neil Dear	ATC Courtyard Room
<b>12:30 - 13:30</b>	Lunch	EMBL Canteen
<b>13:30 - 14:15</b>	Lab practical II	ATC Training Lab A
<b>14:15 - 15:30</b>	Teaching resources, part II: teachers presentations by Monica Menesini, Oliver Abel and Wolfgang Kehren	ATC Courtyard Room
<b>15:30 - 16:00</b>	Course wrap-up and farewells	ATC Courtyard Room
<b>16:00</b>	End of LearningLAB	ATC Courtyard Room
<b>16:00 - 16:30</b>	Bus transfer to Heidelberg main station	