

Wednesday, November 7th

8:00 - 10:00		Registration		
10:00 - 10:15		Welcome from the organizers		
10:15 - 10:30		Welcome from Comparative Medicine at KI		
10:30 - 11:00		Key-note lecture Didier Stainier		
11:00 - 12:00	<i>Session 1: Development and genomics (A)</i>	11:00 - 11:15	Kaska Koltowska	Lineage specific requirement for RNA and DNA unwinding during lymphatic endothelial cell proliferation.
		11:15 - 11:30	Laura Waldmann	Characterisation of evolutionary conserved cis-regulatory element and CRISPR/Cas9 knockout of nkx3.2 transcription factor
		11:30 - 11:45	Raquel Vaz	Assessing genomic changes significance in disease: fishing for answers
		11:45 - 12:00	Olov Andersson	Germ layer mix-up in zebrafish – transdetermination of lateral plate mesoderm to ectopic insulin-producing β -cells in the absence of npas4l
12:00 - 13:00		Lunch mingle		
13:00 - 13:30	Sponsoring session I	13:00 - 13:15	Tick@lab	
		13:15 - 13:30	Noldus	
13:30 - 14:30		Fika mingle with poster session (even abstract numbers)		
14:30 - 15:30		Fika mingle with poster session (odd abstract numbers)		
15:30 - 16:00		Key-note lecture Zoltan Varga		
16:00 - 17:15	<i>Session 2: Zebrafish husbandry: General</i>	16:00 - 16:15	Peter Aleström	The new zebrafish husbandry guidelines
		16:15 - 16:30	Seyed-Mohammadreza Samaee	Husbandry and Basic Research Techniques in a Low-Cost Zebrafish Laboratory
		16:30 - 16:45	Claire E Allen	The zebrafish husbandry association
		16:45 - 17:00	Xavier Langa	Characterization of metals and metalloids in Zebrafish systems
		17:00 - 17:15	Ana Valentim	Protocols' comparison to zebrafish anesthesia and euthanasia

Thursday, November 8th

9:00 - 9:30	Key note lecture by Karen Erlbacher: Regulations, the 3Rs and animal welfare – Why do we care?			
9:30 - 10:00	Fika mingle			
10:00 - 10:30	Key note lecture by Yihai Cao: Clinically relevant zebrafish disease models			
10:30 - 11:45	Session 3: <i>Application of the zebrafish model</i>	10:30 - 10:45	Lars Bräutigam	An orthotopic glioblastoma animal model suitable for high-throughput screenings
		10:45 - 11:00	Peter Aleström	Epigenetic effects of environmental stress
		11:00 - 11:15	Sultan Ahmed	Bacterial infection in the zebrafish – focus on multidrug-resistant bacteria, innate immunity and antimicrobial peptides
		11:15 - 11:30	Alexandra Abramson	Cardiomyopathy associated with inactivation of KLHL24
		11:30 - 11:45	Leif Lindemann	Gamma radiation induces locus specific changes to histone modification enrichment in zebrafish and Atlantic salmon
11:45 - 12:30	Lunch mingle			
12:30 - 13:15	Session 4: <i>Zebrafish Husbandry: Nursery</i>	12:30 - 12:45	Seyed-Mohammadreza Samaee	Can <i>Chlorella vulgaris</i> , <i>Scenedesmus obliquus</i> , and <i>Haematococcus pluvialis</i> be Considered as Starter Food for Rearing Zebrafish First-Feeding Larvae?
		12:45 - 13:00	João Campos Costa	Rotifer Culturing for zebrafish larval rearing and adult live food
		13:00 - 13:15	Erik Magne Koscielniak Rasmussen	Zebabase and Google applications, two smaller scale husbandry management applications

13:15 - 14:00	Session 5: <i>Development and genomics (B)</i>	13:15 - 13:30	Satu Kajawski	Loss of Crb3 affects intestinal cell morphology and differentiation in zebrafish
		13:30 - 13:45	Romain Fontaine	Plasticity of gonadotrope cells in medaka pituitary caused by cell proliferation and recruitment of existing cells
		13:45 - 14:00	Kazunori Sunadome	Developing cartilage controls shape and directionality of facial skeletal muscles and promotes oriented growth of soft tissues
14:00 - 14:30	Fika mingle			
14:30 - 15:15	Sponsor session II	14:30 - 14:45	Idexx	
		14:45 - 15:00	SCANBUR/Tecniplast	
		15:00 - 15:15	Planktovie	
from 15:30	Transfer to Stockholm harbour, Dinner cruise			

Friday, November 9th

9:00 - 9:30	Key note lecture Hernán Lopez-Schier			
9:30 - 10:00	Fika mingle			
10.00 - 10:45	Session 6: <i>Neurology</i>	10:00 - 10:15	Petronella Kettunen	The zebrafish as an emerging model for drug discovery in CNS diseases
		10:15 - 10:30	Jordi Carreras Puigvert	A chemical screen identifies compounds limiting the toxicity of C9ORF72 dipeptide repeats
		10:30 - 10:45	Dmitrii Kamenev	Nerve-associated Schwann cell precursors generate sympathetic neurons and chromaffin cells in zebrafish
10:45 - 11:30	Sponsoring session III	10:45 - 11:00	Viewpoint	
		11:00 - 11:15	Union Biometrica	
		11:15 - 11:30	Leica	
11:30 - 12:30	Session 7: <i>New techniques</i>	11:30 - 11:45	Frank Bonnet	Development of a portable device to inspect and sort the eggs of zebrafish <i>Danio rerio</i>
		11:45 - 12:00	Rodrigo Hernández Vera	3-D printing for zebrafish handling, exposure and microscopy
		12:00 - 12:15	Christiaan Henkel	New genomics technologies to study model fish
		12:15 - 12:30	Steven Edwards	Advanced imaging techniques for zebrafish embryos
12:30 - 12:45	concluding remarks			
12:45 - 14:00	lunch mingle			
from 13:00	Zebrafish PI meeting: <i>Discussing environmental enrichment in housing tanks</i>			