

GLA 2009

Bodø, Norway

5-7 July 2009

Programme

Sunday 5th July

Registration & welcome reception

20:00-01:00 at the [Top 13 rooftop bar](#) at the Radisson SAS hotel

Monday 6th July

Time	Title	Speaker	Chair
09:00	Opening ceremony		
10:00	Germ cell transplantation in fish: can mackerel make tuna?	Goro Yoshizaki, Tokyo Univ. Marine Science (Japan)	Igor Babiak (HiBo, Norway)
10:30	Development of genomic resources in Atlantic cod (<i>Gadus morhua</i>) and applications to studies of reproductive biology	Geir Lasse Taranger, IMR (Norway)	
11:00	<i>Coffee break</i>		
11:30	Functional plasticity of fish myosin heavy chain genes and their spatial and temporal expression patterns	Shugo Watabe, The University of Tokyo (Japan)	Jorge Fernandes (HiBo, Norway)
12:00	Myogenesis and the regulation of muscle hypertrophy in teleost fish	Ian Johnston, University of St Andrews (UK)	
12:30	Genomic effects of dietary vegetable oil in Atlantic salmon: review and post-genomic analysis of HUFA biosynthetic genes	Mike Leaver, University of Stirling (UK)	
13:00	<i>Lunch</i>		
14:00	Stress transcriptomics and the role of cortisol in fish	Matt Vijayan, University of Waterloo, (Canada)	Kiron Viswanath (HiBo, Norway)
14:30	Factors affecting expression of antimicrobial peptides in fish: piscidins versus hemoglobin peptides	Ed Noga, North Carolina State University (USA)	
15:00	<i>Coffee break</i>		
15:30	Use of genomics tools understanding non salmonid and bivalve immune response	Antonio Figueras, Inst. Marine Research (Spain)	Kristin Hamre (NIFES, Norway)
16:00	Application of microarray technology as an effective tool in aquacultured fish and shellfish	Takashi Aoki, Tokyo Univ. Marine Science (Japan)	
16:30	Genomics approaches to elucidate and study the cytokine network of fish	Chris Secombes, University of Aberdeen (UK)	

Conference dinner

20:00 at the [Radisson SAS](#) hotel

Tuesday 7th July

Time	Title	Speaker	Chair
09:00	Status and trends of aquaculture genomics	John Liu, Auburn University (USA)	Elena Sarropoulou (HCMR, Greece)
09:30	Transcriptome analysis: microarrays versus second generation sequencing technologies	Deborah Power, Univ. of the Algarve (Portugal)	
10:00	Oligonucleotide microarrays: development of bioinformatic tools and performance in pilot experiments	Aleksei Krasnov, Nofima Marine (Norway)	
10:30		<i>Coffee break</i>	
11:00		Poster session	
13:00		<i>Lunch</i>	
14:00	Resources from the consortium for Genomics Research on All Salmon Project (cGRASP)	Ben Koop, University of Victoria (Canada)	Christel Solberg (HiBo, Norway)
14:30	Recent advances in European sea bass genomics	Richard Reinhardt, Max-Planck Institute (Germany)	
15:00		<i>Coffee break</i>	
15:30	Genomic resources for a commercial flatfish, the Senegalese sole (<i>Solea senegalensis</i>): EST sequencing, oligo microarray design and development of the Soleamold bioinformatic platform	Joan Cerdà , Institute of Marine Sciences (IRTA), Spain	Jorge Fernandes (HiBo, Norway)
16:00	Sequencing the Atlantic cod genome and transcriptome	Steinar Johansen, University of Tromsø (Norway)	
16:30		Closing remarks	
