



THE COMPANY OF

Biologists

WORKSHOPS

Programme

**Fish Muscle Growth and Repair:
Models Linking Biomedicine
and Aquaculture**



26 - 29 June 2011 • Wiston House • Steyning • West Sussex • UK



THE COMPANY OF Biologists

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2011 Workshops

Cancer as a Microevolutionary Process
Fish Muscle Growth and Repair:
Models Linking Biomedicine and Aquaculture
Growth, Division and Differentiation:
Understanding Developmental Control

2012 Workshops

New Technologies and Applications for
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Epigenetic Memory
Imaging in Cell Biology: Where next?

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We welcome proposals for future topics

Development

DMM Disease Models & Mechanisms

Journal of Cell Science

The Journal of Experimental Biology

BIOLOGY OPEN



Fish Muscle Growth and Repair: Models Linking Biomedicine and Aquaculture

Wiston House, West Sussex 26 - 29 June 2011

Programme

Sunday 26 June 2011

12:30 – 14:00	Lunch
14:00 – 14:15	Introductions
	The Company of Biologists Claire Moulton Workshop Simon Hughes and Ian Johnston
	Chair Simon Hughes
14:15 – 14:55	Ian Johnston Dwarf Arctic charr: an evolutionary model for investigating muscle growth
14:55 – 15:35	Herve Migaud Involvement of clocks in the regulation of physiology in fish and sterility through triploidy with impact on growth
15:35 – 16:15	Tea break
	Chair Ian Johnston
16:15 – 16:55	Simon Hughes Controls on myogenesis during the early growth phase
16:55 – 17:35	Stephen Devoto Muscle now or muscle later? The role of the Tbx24 transcription factor
18:15 – 19:30	Pre-dinner drinks
18:40 – 19:00	'The source of your supper' Peter Ellis (owner of Network Seafoods)
19:30 – 21:00	Dinner
21:00 – 22:00	Slide presentations
22:00 – 23:30	Bar open

Programme

Monday 27 June 2011

08:00 – 08:55	Breakfast
08:55 – 09:00	Simon Hughes/Ian Johnston
	Chair Peter Currie
09:00 – 09:40	Phil Ingham Specification of muscle fibre type in the zebrafish embryo
09:40 – 10:20	Soeren Alsheimer Muscle stem cells secrete tenascin W – a key component of their niche
10:20 – 11:00	Jorge Fernandes miRNAs and epigenetic regulation of muscle development in teleosts
11:00 – 11:10	Group photograph
11:10 – 13:10	Coffee and poster session
13:10 – 14:10	Lunch
14:10 – 15:30	Walk (meet at reception)
15:30 – 16:00	Tea break
	Chair Joaquin Gutiérrez
16:00 – 16:40	Luisa Valente Epigenetic regulation of development and growth in Senegalese sole (<i>Solea senegalensis</i>)
16:40 – 17:20	Monte Westerfield Molecular genetics of Usher syndrome, a non-muscle disease
18:00 – 19:00	Pre-dinner drinks
18:15 – 19:00	History talk on Wiston House Janet Pennington
19:00 – 20:30	Dinner
20:30 – 21:30	Poster discussion
21:30 – 23:30	Bar open

Programme

Tuesday 28 June 2011

08:00 – 08:55	Breakfast
08:55 – 09:00	Simon Hughes/Ian Johnston
	Chair Bob Devlin
09:00 – 09:40	Shugo Watabe Fish muscle growth is closely associated with expression of multiple myosin heavy chain genes
09:40 – 10:20	Trina Galloway Early muscle growth in the potentially large aquaculture species Atlantic cod and halibut
10:20 – 11:00	Coffee break
11:00 – 11:40	Cunming Duan Role of IGF signaling in muscle development and growth
11:40 – 12:20	Clarissa Henry Surprising roles for NAD ⁺ during muscle development
12:30 – 13:30	Lunch
13:30 – 14:45	Break
	Chair Peter Currie
14.45 – 15.30	Joaquin Gutiérrez The IGF system in fish: sea bream model
15.30 – 16.15	Øivind Andersen Muscle stem cells in fat and lean fish
16:15 – 16:55	Tea break
16:55 – 17:35	Derek Stemple Skeletal muscle assembly in zebrafish
17:35 – 18:15	Shao Jun (Jim) Du Regulation of myofibrillogenesis by Smyd1 and Hsp90a1
19:00 – 20:00	Pre-dinner drinks
20:00 – 21:30	Dinner
21:30 – 23:30	Bar open

Programme

Wednesday 29 June 2011

07:30 – 08:25	Breakfast
08:25 – 08:30	Simon Hughes/Ian Johnston
	Chair
	Joaquin Gutiérrez
08:30 – 09:10	Bob Devlin Pleiotropic consequences of growth hormone overexpression in transgenic salmonids
09:10 – 09:50	Peter Currie Muscle patterning and growth in the zebrafish
09:50 – 10:30	Terry Bradley The role of TGF-s in muscle growth in fish
10:30 – 11:00	Coffee break
11:00 – 12:15	Overview of meeting Poster attendees
12:15 – 12:30	Round up Simon Hughes/Ian Johnston
12:30 – 13:30	Lunch Depart



Wiston House

Attendees

Name	Institute	Email
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THE COMPANY OF Biologists

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The Company aims are to support innovation in all aspects of biological research, and they achieve this through providing grants, travelling fellowships and sponsorship in the areas in which it publishes.

In 2010 The Company also launched a series of workshops designed to inspire innovation and collaboration through debate.

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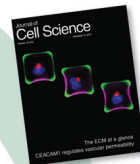
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