

6th CARS Meeting

16th August 2015, Liverpool

Venue: Jury's Inn, 1 Keel Wharf, Liverpool, L3 4FN

8:30-8:50	Arrival
8:50	Welcome (Jane Hodgkinson)
9:00 – 10:35	Session 1: Chair: Ray Kaplan
9:00-9:15	Benzimidazoles - Phil Skuce
9:15-9:30	Levamisole / Derquantel – TBC
9:30-9:45	Emodepside - Jurgen Krucken
9:45-10:00	PGPs - Georg von Samson-Himmelstjerna
10:00- 10:15	Triclabendazole – Erin McCammick
10:15-10:35	Macrocyclic lactones and filarial nematodes: action and resistance - Adrian Wolstenholme
10:35 – 11:00	Morning tea
11:00 – 12:30	Session 2: Chair: Jane Hodgkinson
11:00-11:20	ML resistance from markers to understanding: <i>D. immitis</i> to <i>H. contortus</i> and other nematodes – Roger Prichard
11:20-11:40	Haemonchus contortus whole genome approaches- John Gilleard
11:40-12:00	The BUG Consortium. Building Upon the Genome: using <i>H. contortus</i> genomic resources to develop novel interventions to control endemic GI parasites - Eileen Devaney
12:00-12:20	Helminth genomes – James Cotton
12:20-12:30	International Drugs and Drug resistance meeting – Richard Martin and Adrian Wolstenholme

12:30 – 1:40 Lunch

- 1:40 - 2:45 **Session 3: Chair: TBC**
- 1:40-1:55 Detoxification enzymes and anthelmintics - Andrew Kotze
- 1:55-2:10 Ivermectin exposure leads to up-regulation of detoxification genes in vitro and in vivo in mice – Anne Lespine
- 2:10-2:30 In vivo and In vitro approaches to phenotyping parasite populations and the CARS parasite database - Dave Bartley
- 2:30-2:45 Microfluidic approaches and tracking methods to phenotype parasitic larvae - Richard Martin

2:45– 3:15 Afternoon tea

- 3:15 – 4:50 Session 4: Key concepts in AR**
Chair: Jane Hodgkinson
- 3:15-4:00 **Break out session:**
- Theme 1:** Anthelmintic resistance is non-reversible? – Facilitator: Jane Hodgkinson
- Theme 2:** Inheritance of resistance – Facilitator: John Gilleard
- Theme 3:** The role of refugia – Facilitator: Ray Kaplan
- Theme 4:** Combination therapies – Facilitator: Richard Martin
- 4:00-4:45 Theme Discussion
- 4:45 Wrap-up