

A4B Leadership and Glycan Analysis Workshop - Oxford March 2019

Full Programme

Organizer: Daniel I.R. Spencer (Ludger)



Venue and Local Travel: Ludger Ltd., Culham Science Centre, Abingdon OX14 3EB – near Culham train station – limited number of trains per day so check timetables. Passport ID required to get on site each day. The pass office gets busy each morning. Ensure you leave enough time to get to Ludger, via train, walk from the station and visitor permit collection each day. I would recommend catching the 7:59am train for 9am starts. Other ticket offers are available at the station e.g. carnet ticket for 5 journeys.

Single fares from £11.10

OUT Mon 11 Mar 2019 Oxford to Culham			RETURN Mon 11 Mar 2019 Culham to Oxford		
Earlier			Earlier		
Standard	1st class		Standard	1st class	
06:39 → 06:49 10m, 0 changes	£6.00	Not available to buy	16:07 → 16:19 12m, 0 changes	£5.10	Not available to buy
06:59 → 07:09 10m, 0 changes	£6.00	Not available to buy	17:06 → 17:18 12m, 0 changes	£5.10	Not available to buy
07:21 → 07:31 10m, 0 changes	£6.00	Not available to buy	17:41 → 17:53 12m, 0 changes	£5.10	Not available to buy
07:59 → 08:09 10m, 0 changes	£6.00	Not available to buy	18:13 → 18:25 12m, 0 changes	£5.10	Not available to buy

Hey, there's a cheaper alternative for the same journey times.

Anytime Day Return tickets are £6.80.

Great, change my ticket!

[No, thanks](#)

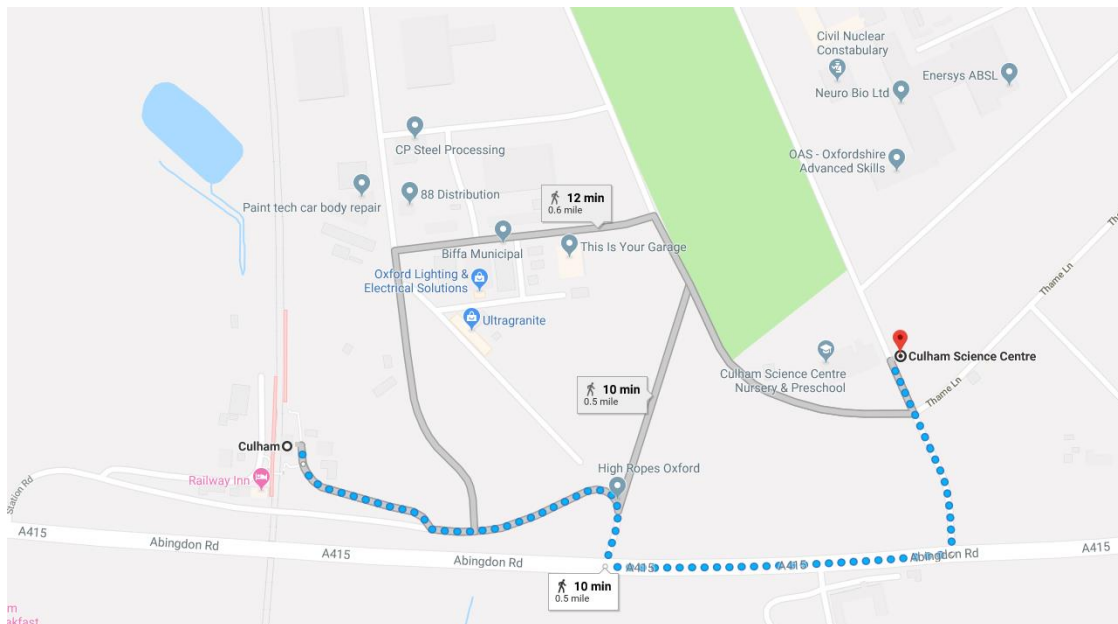
TOTAL
£11.10
1 adult

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Quick buy ticket

OUT Mon 11 Mar

Oxford to Culham
10m, 0 changes



Event Itinerary:
Monday 11th March – A4B Workshop Day 1
ESRs Leadership and Career Development Day

Lead – Helen Williamson (Horizons Unleashed)

Support - Daniel Spencer (Ludger)

Attended by – A4B ESRs

Room ZETA

9:00		
10:30	Morning drinks and nibbles	
12:30/12:45	Lunch – Culham Canteen – Vouchers will be given	Daniel Spencer
13:00	Afternoon break	
16:30	End of day	

Tuesday 12th March – A4B Workshop Day 2
Glycan/Glycoprotein Analysis – Why and How

Lead - Daniel Spencer

Attended by – A4B ESRs and speakers

Room Tosca

9:00	Welcome	Daniel Spencer
9:05	Introduction to Glycan and importance in Biopharma	Daniel Spencer
9:50	Glycan Nomenclature	Radoslaw Kozak
10:35	Break	
10:55	Introduction to Mass Spectrometry - application focus	Manfred Wuhrer (LUMC)
12:05	Glycan Release, labelling and LC-MS	Richard Gardner
12:45	Admin for lunch – Vouchers will be given	
12:50	Lunch – Culham Canteen	
14:00	O-glycosylation analysis and high-throughput sample preparation	Maximilianos Kotsias
14:35	Exoglycosidases for glycan analysis	Paulina Urbanowicz
15:10	Break	
15:30	Intact Analysis and Capillary electrophoresis	Alan Moran
16:05	Standards for glycan analysis	Jennifer Hendel
16:38	Announcements for evening and next day	Daniel Spencer and Richard Gardner
16:45	End of day	
17:06	Train back to Oxford	

Pierre Victoire, 9 Little Clarendon St, Oxford OX1 2HP

18:30	Social Dinner Event	
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Wednesday 13th March – A4B Workshop Day 3
Glycan Preparation for HPLC and MS analysis Day 1

Lead - Richard Gardner, Support - Daniel Spencer

Further lab support from: Paulina Urbanowicz, Max Kotsias, Alan Moran

Meet at Costa coffee foyer then Laboratory all day

08:45	Arrival and take through to lab	Richard Gardner and Daniel Spencer
9:00	Introduction and SOP's – Splitting of group into 'companies'	Daniel Spencer
10:00	Sample processing – sample preparation	
10:20	Break when ready – bring own refreshment or visit Costa Coffee/shop	
10:40	Sample processing – denaturation and glycan release	
12:45	Lunch in canteen – voucher supplied	
13:45	Sample processing – acidification of samples	
14:45	Sample processing – PBM plate cleanup	
15:15	Break when ready	
15:35	Sample processing – preparation of samples for overnight drying down	
16:45	Day ends	

Thursday 14th March – A4B Workshop Day 4
Glycan Preparation for HPLC and MS analysis Day 2

Lead - Richard Gardner, Support - Daniel Spencer

Further lab support from: Paulina Urbanowicz, Max Kotsias, Alan Moran

Meet at Costa coffee foyer then Laboratory all day

08:45	Arrival and take through to lab	Richard Gardner and Daniel Spencer
9:00	Sample processing – fluorophore labelling	
10:00	Break when ready – bring own refreshment or visit Costa Coffee/shop	
10:30	Sample processing – post-fluorophore plate based cleanup	
12:45	Lunch in canteen – voucher supplied	
13:45	Sample processing – preparation of samples for LC-MS	
14:30	Data analysis tools to help glycan assignments – Glycoworkbench, Bruker DataAnalysis	
15:30	Break when ready	
15:45	Data analysis tools to help glycan assignments – Glycoworkbench, Bruker DataAnalysis	
16:45	End of day	

Friday 15th March – A4B – Workshop Day 5**Applying knowledge in group exercises and review of learnings**

Lead - Daniel Spencer – all day

Support - Richard Garner – all day

Further Support – As indicated in table.

Room 88, building E1

9:00	Group exercises – sample analysis	Jenifer Hendel, Paulina Urbanowicz, Max Kotsias, Alan Moran
11:00	Break – refreshments provided	
11:20	Group discussions	Jenifer Hendel, Paulina Urbanowicz, Max Kotsias, Alan Moran
12:45	Lunch in canteen – voucher supplied	
13:45	Group discussion – review of learnings	Jenifer Hendel, Paulina Urbanowicz, Max Kotsias, Alan Moran
15:30	End of workshop	
