

## LhARA WP5 – End Station R&D and beamline development

### Meeting minutes & Actions

<b>Meeting Date &amp; Time:</b>	Tuesday 17 January 2023; 0900-0930h; Zoom: <a href="https://bham-ac-uk.zoom.us/j/86078899579?pwd=dmVleXpzOFVIZVRHV2c2Vjk2RkliZz09">https://bham-ac-uk.zoom.us/j/86078899579?pwd=dmVleXpzOFVIZVRHV2c2Vjk2RkliZz09</a> Mailing list hosted on JISCMail: <a href="http://WWW.JISCMail.AC.UK">JISCMail - CCAP-LHARA-ENDSTATION List at WWW.JISCMail.AC.UK</a>		
<b>Attendee(s):</b>	<b>Minutes:</b> Ruth McLauchlan (RMcL) Tony Price (TP), Colin Whyte (CW), Narender Kumar (NK), Ken Long (KL)		
<b>Apologies:</b>	Carsten Welsch (CPW)		
Issue/Topic	Action	Owner	Deadline/ Status
1. Apologies & Welcome	Apologies received from those listed above.		
2. Review of minutes	N/A	TP	
<b>3. Outstanding actions from previous meetings</b>			
<b>Date of meeting</b>			
06 Dec 2022	<b>Update Wiki and add meeting minutes.</b> [17 Jan 2023] – Partially done. RMcL added 2023 meetings folder and added minutes from meeting on 10 Jan 2023.	TP	
10 Jan 2023	<b>TP to write up notes/minutes from 14 Dec meeting.</b> [17 Jan 2023] – TP working on today.	TP	
10 Jan 2023	<b>RMcL to send contact list of those registered to attend meeting to TP/KL.</b>	RMcL	completed
10 Jan 2023	<b>TP to send thank you and list of questions to those registered for 14 Dec meeting.</b> [17 Jan 2023] – TP working on as part of writing up notes from meeting.	TP	
10 Jan 2023	<b>Overleaf document to be updated by 1 Feb 2023:</b> <a href="https://www.overleaf.com/project/63af03296c308af24867a1b7">https://www.overleaf.com/project/63af03296c308af24867a1b7</a> [17 Jan 2023] – All should now have access to document.		



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	<ul style="list-style-type: none"> <li>▪ This is all much further down the line and would benefit from delegation to a working group rather than attempting to run it directly through the WP5 management.</li> <li>○ Focus for the group should be how we exploit the properties of such a novel beam with priorities to identify the instrumentation required to ensure suitable beam delivery, control, and through-put. Optimisation of throughput of in-vivo experiment is part of that but details of other aspects of animal handling, particularly as regards requirement for LhARA to have an animal house or be sited close to an existing facility, to be a consideration for associated working party.</li> </ul> <p><b>ACTIONS:</b></p> <ul style="list-style-type: none"> <li>• <b>Define clear set of activities, determine associated working groups, and identify suitable leads including:</b> <ul style="list-style-type: none"> <li>○ <b>Beyond state-of-the-art instrumentation</b></li> <li>○ <b>In-vivo programme considerations – discuss with Jason (and Mark Hill?)</b></li> </ul> </li> <li>• <b>Determine focus for next Consultation meeting and thereby venue and agenda.</b></li> </ul>	ALL	
8. AOB	<ul style="list-style-type: none"> <li>• Group discussed need to plan for external review of end-station and proposed scheduling for Sept/Oct 2023. KL indicated that this needs to be planned well in advance to be able to obtain sufficient time commitment from the required external experts.</li> </ul>		

#### Next meeting dates (2023)

Date	Time
<b>Tue 31 Jan</b>	<b>0900-1000</b>
Tue 14 Feb	0900-1000
Tue 28 Feb	0900-1000
Tue 14 Mar	0900-1000
Tue 28 Mar	0900-1000
Tue 11 Apr	0900-1000

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Tue 25 Apr	0900-1000
Tue 9 May	0900-1000
Tue 23 May	0900-1000
Tue 6 Jun	0900-1000
Tue 20 Jun	0900-1000
Tue 4 Jul	0900-1000
Tue 18 Jul	0900-1000
Tue 1 Aug	0900-1000
Tue 15 Aug	0900-1000
Tue 29 Aug	0900-1000
Tue 12 Sep	0900-1000
Tue 26 Sep	0900-1000
Tue 10 Oct	0900-1000
Tue 24 Oct	0900-1000
Tue 7 Nov	0900-1000
Tue 21 Nov	0900-1000
Tue 5 Dec	0900-1000
Tue 19 Dec	0900-1000