

CURTIN UNIVERSITY

INSTITUTIONAL BIOSAFETY COMMITTEE

Minutes of the Meeting 03/16 held at 1.00pm on Wednesday 1st June 2016
Executive Briefing Centre Boardroom, Building 100 Level 2

PRESENT:

Dr Beng Hooi Chua
Mr Gavin Waugh
Mr Frank Collins
Dr Peta Tilbrook
Professor Mark Gibberd
Dr Josh Ramsay
Dr Rob Steuart (Chair)
Mr Bevan Clark
Dr Matthew Denton-Giles

APOLOGIES:

Professor John Mamo
Assoc Professor David Groth

IN ATTENDANCE:

Dr Bernadette Bradley (Biosafety Advisor, Executive Officer)

1. Minutes of the Previous Meeting – 02/16

The Committee confirmed the Minutes were a correct record of proceedings of the IBC 02/16 20th April 2016.

RESOLVED IBC 20-16: Minutes of previous Meeting 02/16 confirmed.

2. Conflict of Interest

None.

3. Dealing Applications

None.

4. IBC Chair's Report

The Chair summarised his recent attendance at a conference about research facility design and development. He also reported that the new Sarich Neuroscience Research Institute building at QEII Hospital will have its own IBC, which will oversee all GMO work done by Curtin people at that site.

5. Biosafety Advisor's Report.

The Committee accepted the written report.

BHC noted that the microbiological risk assessment document referred to superseded Standards about BSCIIs and Fume Cupboards, and asked BB to relay the information back to SLR Consultants.

The IBC expressed concerns that consultation had not been wide enough in the early stages of the projects to relocate microbiological teaching activities from B306/B308 into labs in B300 and B311.

6. Physical Containment Facility Managers' Reports.

BHC reported that the roller door in B304 hadn't meet with Curtin's security standards, and he had asked that it be rectified.

There was support for Doric doing a good job building B304, and for the success of the novel recruitment process used to choose Doric for this project.

RS described a spill of Exempt Dealing microorganisms in the B305 lab, and the subsequent clean-up and corrective actions.

The management of B308:140-144 has now been clarified – this lab is going to be managed as a third wing of the B305 labs.

PT described the long process to repair a roof leak in B311, which resulted in the eventual flooding and destruction of a large BSCII in that lab. FC asked that PT forward information about the incident to him for further investigation and internal reporting.

PT reported that the Conviron Units in B126K are still not under a service contract, even after her significant efforts towards that goal, and that she will attempt to roll them under the service contract for the new units for B304.

RS described the extra layer that it is possible to have at the front end of Archibus to store and deliver information about the contents of the rooms, including hazardous materials and equipment information.

7. Matters arising from previous meetings.

Action 10/13: Biosafety Advisor to draft letters to be used to liaise with other IBCs about Curtin staff and students doing dealings in external facilities, and external people doing dealings in Curtin facilities.

RS advised that there is a project to harmonise the application forms and safety processes for the Sarich Neuroscience Research Institute.

Ongoing.

Action 04/14: That the Biosafety Advisor investigate how Risk Group 2 microorganisms are handled in industry (on the bench or in biosafety cabinets).

Ongoing.

Action 02/15: Scope the project about documenting vaccination management.

- BC recommended referring to the relevant Health Department Operational Directives. He also advised that RIM has an electronic system used to store other sensitive information on campus, which might be able to be accessed.
- RS recommended seeking examples from WABN.
- The new system will need to reference OSH legislation for authority.

Ongoing.

Action 01-16: PT to send BB details of the previous DNIR application applied for by Murdoch University and assessed as suitable to be performed as an NLRD by the OGTR. BB to seek information from Murdoch and the OGTR of this precedential case.

RESOLVED IBC 21-16: Closed.

Action 02-16: MG and KZ to seek information about other research groups around Australia that are doing similar GM and quarantined work at lower levels of required containment and Approval, and send to BB.

RESOLVED IBC 22-16: Closed.

Action 03-16: Review the Safety and Health Representatives Inspection Checklist to try to include items of biosafety monitoring.

The IBC will request that the following questions be added to the 6.0 Biological Safety section of the Inspection Checklist:

- If there is a biosafety cabinet, has it passed its service in the last 12 months?
- Are the labcoats stored correctly on wall hooks, or incorrectly over the backs of chairs?
- Are cardboard boxes, or other absorbant materials, stored on the floor?

The remaining questions will be drafted into a Facility Manager Audit Checklist.

Ongoing.

Action 04-16: Try to get BSCIIs and autoclaves included in the Properties maintenance schedule.

RS to ask Jau Liew and/or Wayne Passmore to negotiate a centralised contract with a BSCII service provider, in which Properties co-ordinates the provision of the service, but the individual areas pay for the service.

Ongoing.

Action 05-16: BB to pull the content of the OGTR report out into a table, analyse how Curtin addresses with each section, advise how Curtin could address some sections more thoroughly, and present it to the next meeting.

All the recommendations were accepted by the Committee. BB will move forward to coordinate actioning the recommendations.

Ongoing.

Action 06-16: BB to draft a Sponsor Document for Curtin to centrally purchase biotracking software. BB to ask Kristy Kahl for a copy of the one she used for her new software.

RESOLVED IBC 23-16: Closed.

Action 08-16: The IBC will begin work on a set of Biosafety Guidelines.

BB will incorporate HSEM's comments into the Guidelines. The IBC have two more weeks to comment. Thereafter, BB will publish the Guidelines online.

Ongoing.

Action 09-16: BB to take the increased risks posed by interdisciplinary research up to the IBHMEGC for guidance.

Ongoing.

Action 10-16: BB to investigate the powers of the IBC to investigate and halt the progress of projects where the risks need further assessment.

The ToR will be updated describing the powers to stop work that it deems to have not been risk assessed properly. BB will draft a procedure describing the process of first informing the research and their manager, and then escalating through the management chain.

Ongoing.

Action 11-16: BB to organise for the IBC Chair to meet with Professor Moses Tade from the Faculty of Science and Engineering, seeking solutions, and report back to the IBC.

RS, BB, Janine-Elizabeth Slocombe, and Kate Trinajstic met with Moses Tade. The Faculty of Science and Engineering had already put together an independent committee to study the benefits, risks and resourcing requirements of interdisciplinary researchers and multidisciplinary researchers. They recognised the need to capture the research direction plans of our people early in the process, to decide if special facilities or resources are required, to decide if the Faculty will resource the project, and if so to make any required facility changes within the timeframe of the project and its funding. RS and BB will continue to work on the outcomes of the meeting.

BB will take up to the HMGC, the issue of needing to know the resourcing demands of future projects early enough to meet the resources within the short timeframe of the project.

Ongoing.

Action 12-16: BB to produce a more-detailed report about the incident.

RESOLVED IBC 24-16: Closed.

8. Any Other Business

None

Meeting ended 3.00 pm.

ACTION LIST FOR MEETING 03/16

No.	Action required	Person responsible	Target date	Completed
10-13	Action: Biosafety Advisor to draft letters to be used to liaise with other IBCs about Curtin staff and students doing dealings in external facilities, and external people doing dealings in Curtin facilities.	Biosafety Advisor	2/10/2013	Ongoing
04-14	That the Biosafety Advisor investigate how Risk Group 2 microorganisms are handled in industry (on the bench or in biosafety cabinets).	Biosafety Advisor	10/09/2014	Ongoing
02-15	Scope the project about documenting vaccination management.	Biosafety Advisor	30/06/2016	Ongoing
03-16	Review the Safety and Health Representatives Inspection Checklist to try to include items of biosafety monitoring.	Biosafety Advisor	20/04/2016	Ongoing
04-16	Try to get BSCIIIs and autoclaves included in the Properties maintenance schedule.	Biosafety Advisor	20/04/2016	Ongoing
05-16	BB to pull the content of the OGTR report out into a table, analyse how Curtin addresses with each section, advise how Curtin could address some sections more thoroughly, and present it to the next meeting.	Biosafety Advisor	20/04/2016	Ongoing
08-16	The IBC will begin work on a set of Biosafety Guidelines.	IBC	20/04/2016	Ongoing
09-16	BB to take the increased risks posed by interdisciplinary research up to the IBHMEGC for guidance.	Biosafety Advisor	01/06/2016	Ongoing
10-16	BB to investigate the powers of the IBC to investigate and halt the progress of projects where the risks need further assessment.	Biosafety Advisor	01/06/2016	Ongoing
11-16	Organise for the IBC Chair to meet with Professor Moses Tade from the Faculty of Science and Engineering, seeking solutions, and report back to the IBC.	Biosafety Advisor	01/06/2016	Ongoing

RUNNING TOTAL SUMMARY 2016

Resolutions

Resolution No	Resolution Date	Description	Decision
IBC 01-16	24/2/2016	Minutes of previous Meeting 04/15 confirmed.	Confirmed
IBC 06-16	24/2/2016	The IBC Approved The Terms of Reference.	Approved

IBC 07-16	24/2/2016	Closed unresolved.	Closed
IBC 08-16	24/2/2016	Closed.	Closed
IBC 09-16	24/2/2016	Closed.	Closed
IBC 10-16	24/2/2016	Closed.	Closed
IBC 11-16	20/4/2016	Minutes of previous Meeting 01/16 confirmed.	Confirmed
IBC 19-16	20/4/2016	Closed.	Closed
IBC 20-16	1/6/2016	Minutes of previous Meeting 02/16 confirmed.	Confirmed
IBC 21-16	1/6/2016	Action 01-16	Closed
IBC 22-16	1/6/2016	Action 02-16	Closed
IBC 23-16	1/6/2016	Action 06-16	Closed
IBC 24-16	1/6/2016	Action 12-16	Closed

Applications/Notifications Approved

Resolution No	Project No	Resolution Date	Description	Applicant	Decision
IBC 02-16	IBC 2016-02	24/2/2016	The IBC Approved IBC 2016-02.	Robert Lee	Approved
IBC 03-16	IBC 2016-03	24/2/2016	The IBC Approved IBC 2016-03.	Robert Lee	Approved
IBC 04-16	IBC 2016-04	24/2/2016	The IBC Approved IBC 2016-04.	Robert Lee	Approved
IBC 05-16	IBC 2016-01	24/2/2016	Application Withdrawn.	Richard Oliver	Withdrawn
IBC 12-16	IBC 2016-07	20/4/2016	The IBC Approved IBC 2016-07.	Giuseppe Verdile	Approved
IBC 13-16	IBC 2016-06	20/4/2016	The IBC Approved IBC 2016-06.	Nina Tirnitz-Parker	Approved
IBC 14-16	IBC 2016-05	20/4/2016	The IBC Endorsed IBC 2016-05.	Ross Graham	Endorsed
IBC 15-16	IBC 2016-08	20/4/2016	The IBC Endorsed IBC 2016-08.	Giuseppe Verdile	Endorsed
IBC 16-16	IBC 2016-09	20/4/2016	The IBC Endorsed IBC 2016-09.	Giuseppe Verdile	Endorsed
IBC 17-16	IBC 2016-10	20/4/2016	The IBC Endorsed IBC 2016-10.	Nina Tirnitz-Parker	Endorsed
IBC 18-16	IBC 2016-11	20/4/2016	The IBC Endorsed IBC 2016-11.	Rob Steuart	Endorsed

Incidents

Incident/Notification Date	Resolution Date	Description
Feb	Feb	In B305, incompatible chemical residues in a sharps bin interacted to produce fumes.
Feb	Feb	In B300, the cold room malfunctioned, and was fixed the same day.

Feb	Feb	In B305 there had been two false alarms – one when concrete dust from grinding set off a particulate sensor, and another that was a sensor malfunction.
Mar	Mar	Researcher did not have the correct GM Dealing to match the research being performed.
Mar	Mar	Researcher did not have the correct GM Dealing to match the research being performed.
Mar	Mar	Changed controls did not prompt a review of a risk assessment.
Apr/May		The cleaners have not been effective in B305 recently and Rob Steuart has had to meet with them, and Properties, about this issue.
Apr/May	Apr/May	B305 lab sink areas have been left very dirty by users, and important equipment has been repeatedly switched off, and Rob Steuart has had to issue users with a corrective action.
Apr/May	Apr/May	Chemical residue in a B305 sink drain reacted with second chemical discarded down drain to create toxic fumes.
Apr/May		Incorrect use of BSCs has been seen in B300, and Beng Chua has had to issue users with a corrective action.
Apr/May		The AirClean spray booth in B126K had not been approved as an aerosol containment device by the OGTR, so a Variation to the Certification of that facility has been applied for, asking to have the AirClean approved.
May	May	There was also extreme weather recently that had minor impacts on some facilities.
May		RS described a spill of Exempt Dealing microorganisms in the B305 lab, and the subsequent clean-up and corrective actions.
May		PT reported that the Convion Units in B126K are still not under a service contract, even after her significant efforts towards that goal, and that she will attempt to roll them under the service contract for the new units for B304.

Certified Facilities

Cert No.	type	Cert to	Inspected	Status	Facility Name	Notes
Cert-3489	PC2 Lab	1-8-2017	17/02/2016	Certified	Rms 219-242, 219A, 222A, 227A, Corridors C208 and C209, L2, East Wing, Biosciences Research Building 305	
Cert-3490	PC2 Lab	1-8-2017	17/02/2016	Certified	Rms 201-215, Corridors C202-C204, L2, West Wing, Biosciences Research Building 305	
Cert-1745	PC2 Lab	5-8-2013	25-1-2013	Surrendered	Rm D399, Molecular Immunology Laboratory, L3, Medical Research Foundation Building RPH	

Cert-1746	PC2 Lab	5-8-2013	N/A	Surrendered	Rm 397, Molecular Genetics Research Unit, L3, Medical Research Foundation Building RPH	
Cert-3203	PC2 Lab	12-12-2015	25-1-2013	Surrendered	Room D3101.1, Microbiology Laboratory, L3, Medical Research Foundation Building RPH	
Cert-2541	PC3 Lab	30-9-2017	19/02/2016	Certified	Rms 126-130, L1, Teaching and Research Facility, B300	
Cert-2406	PC2 Anim	20-4-2017	19/02/2016	Certified	Rms 104-107, 109, 131-140, 142-144, Clean Corridors 1 and 4 and Dirty Corridor, L1, B300, Teaching and Research Facility	
Cert-2407	PC2 Lab	20-4-2017	19/02/2016	Certified	Rms 111-123 and Clean Corridors 2 and 3, L1, B300, Teaching and Research Facility,	
Cert-3085	PC2 Lab	11-5-2020	19/02/2016	Certified	Rm 155, Teaching and Research Facility, L1, B300	
Cert-3086	PC2 Plant	11-5-2020	19/02/2016	Certified	Rms 147 and 148, Teaching and Research Facility, L1, B300	
Cert-1744	PC2 Lab	6-8-2005	N/A	Surrendered	Rm 254, Biomedical Sciences Building	
Cert-1747	PC2 Lab	5-8-2008	N/A	Surrendered	Rms 135 and 136, L1, Biomedical Sciences/Accord Diagnostics Building, BMS Tech Park	
Cert-1748	PC2 Lab	N/A	N/A	Withdrawn	Rm 134, L1, BMS Tech Park, Biomedical Sciences/Accord Diagnostics Building (#601)	
Cert-1749	PC2 Lab	5-8-2013	N/A	Surrendered	Rms 105, 107-113, 116-121, 134-136 and Associated Corridors, L1, Biomedical Sciences/Accord Diagnostics Building, BMS Tech Park	Users moved to B305.
Cert-3370	PC2 Plant	15-12-2016	23/02/2016	Suspended	Rms 1 and 2 and Anteroom, Ground Floor, Plant Glass House Facility (B126)	Suspended until needed for GM work.
Cert-2405	PC2 Lab	20-4-2017	17/02/2016	Suspended	Rooms 140-144 and lobby, B308, WABRI Molecular Sciences, LG Biomedical Sciences	Suspended until needed for GM work.
Cert-3832	PC2 Lab	6-4-2019	23/02/2016	Certified	Rooms 101-107, Convicon Facility, Ground Floor, Convicon Building 126K, Field Trials Area	

Curtin's NLRDs

OGTR's NLRD ID	Curtin's IBC NLRD ID	Title	Principle Investigator	Status	Expiry
NLRD-1458		Storage of GMOs that meet the criteria for a Notifiable Low Risk Dealing.	David Williams	Complete	
NLRD-1459		Analysis of genetic determinants in staphylococci associated with resistance to cationic compounds.	David Townsend	Complete	
NLRD-1462		Characterisation of the esp gene and VanB resistance determinant of Enterococcus faecium.	Frances O'Brien	Complete	
NLRD-1463		Characterisation of antibiotic resistance and pathogenicity of methicillin-resistant Staphylococcus aureus.	Frances O'Brien	Complete became 3351	
NLRD-1908		Construction of relaxable bacteria plasmids	David Townsend	Complete	
NLRD-2465		Storage of infectious poliovirus clone that meets the criteria for a NLRD	David Williams	Complete	
NLRD-2466	IBC 2007/02	Characterisation of the immune response of acellular pertussis vaccine [ACV] vaccinated mice subjected to intranasal vaccination with an aromatic-dependent B pertussis mutant	TK Mukkur	Complete	31 March 2015
NLRD-3351	IBC 2008/06	Characterisation of antibiotic resistance and pathogenicity of methicillin resistant staphylococcus aureus	Frances O'Brien	Complete	31 August 2016
NLRD-3352	IBC 2008/09	Assessing the role of B cells in an anti-CD40-based tumour immunotherapy using B cell deficient mice	Delia Nelson	Complete	31 August 2016
NLRD-3353	IBC 2009/04	Driving tumours to become their own vaccine site: understanding the role of tumor specific T cell using TCR mice	Delia Nelson	Current	31 August 2016
NLRD-4490	IBC 2010/25	Identification of pathogenicity factors in fungal plant pathogens	Richard Oliver	Complete	31 August 2016
NLRD-4491	IBC 2010/26	Inactivation of Adenylate Cyclase of the aroQ Bordetella pretussis vaccine candidate	TK Mukkur	Complete	31 August 2016
		Genetic Characterisation of Murray Valley Encephalitis virus	David Williams	Converted to an Exempt Dealing by	

				Dr Beng Chua.	
NLRD-5856	IBC 2013/01	Fungicide use in broad acre cropping	Richard Oliver	Current	5 February 2018
NLRD-5989	IBC 2013-03	Understanding and applying macrophage-mediated effects on liver progenitor cells to treat liver disease.	Caryn Elsegood	Current	2 April 2018
NLRD-6141	IBC 2013-06	Determination of the mutagenic potential of commonly marketed Ghanaian medicinal plant formulations using the bacterial reverse mutation assay [AMES test].	TK Mukkur	Complete	4 June 2018
NLRD-6325	IBC 2013-09	Investigating gene regulation in bacteria.	Joshua Ramsay	Current	30 July 2018
NLRD-6406	IBC 2013-10 – renewal of IBC 2010-04	Identification of fungal plant pathogenic pathogenicity factors.	Richard Oliver	Complete – superseded by 2014-03	27 August 2018
NLRD-6407	IBC 2013-11 - renewal of IBC 2010-25	Heterologous expression of genes derived from plant pathogen fungal species.	Richard Oliver	Complete – superseded by 2014-04	27 August 2018
NLRD-6483	IBC 2013-16	Construction of genetically detoxified live attenuated <i>Bordetella pertussis</i> and evaluation of its immune-protective potential against whooping cough.	Trilochan Mukkur	Complete	1 October 2018
NLRD-6556	IBC 2013-17	Fungicide Use in Viticulture.	Richard Oliver	Current	30 October 2018
	IBC 2014-03	Identification of fungal plant pathogenic pathogenicity factors. This is an update to 2013-10.	Richard Oliver	Current	27 August 2018
	IBC 2014-04	Heterologous expression of genes derived from plant pathogen fungal species. This is an update to 2013-11.	Richard Oliver	Complete – superseded by 2015-04	27 August 2018
	IBC 2014-05	A bacterial type 3 secretion assay for effector delivery into plants.	Kar Chun Tan	Complete – superseded by 2015-12	26 October 2019
	IBC 2014-06	Assessing the impact of human PXR expression and statin treatment on the murine gut microbiota and the development of Type 2 diabetes.	Philip Newsholme	Complete	9 September 2019
	IBC 2015-01	Genetic manipulation of <i>Giardia</i> .	Robert Steuart	Current	5 March 2020

	IBC 2015-02	Gene transfer and regulation of biofilm formation in <i>Staphylococcus aureus</i> .	Joshua Ramsay	Current	17/05/2020
	IBC 2015-03	Identification of genetic factors that confer host resistance to fungal phytopathogens.	Mark Derbyshire	Current	25/05/2020
	IBC 2015-04 (update of 2014-04)	Heterologous expression of genes derived from plant pathogen fungal species.	Richard Oliver	Current	24/05/2020
	IBC 2015-05	Putative neurological effects of exaggerated secretion of enterocytic lipoprotein-associated beta-amyloid in a transgenic mouse model expressing human beta-amyloid limited to the absorptive epithelial cells of the small intestine.	John Mamo	Current	16/06/2020
	IBC 2015-07	Analysis of the contribution of mutations to antifungal compound resistance in filamentous fungi.	Francisco Lopez-Ruiz	Current	25/06/2020
	IBC 2015-09	Identification of fungal plant pathogenic pathogenicity factors.	Kar-Chun Tan	Current	16/08/2020
	IBC 2015-12	A bacterial type 3 secretion assay for effector delivery into plants.	Kar-Chun Tan	Current	2/9/2020
	IBC 2015-10	Identification of fungal plant pathogenic pathogenicity factors.	Mark Derbyshire	Current	3/11/2020
	IBC 2015-11	Heterologous expression of genes derived from plant pathogen fungal species.	Mark Derbyshire	Current	3/11/2020
	IBC 2015-13	Heterologous expression of genes derived from plant pathogen fungal species.	Kar-Chun Tan	Current	3/11/2020
	IBC 2015-14	Heterologous expression of genes derived from plant pathogen fungal species.	Caroline Moffat	Current	3/11/2020
	IBC 2015-15	Identification of fungal plant pathogenic pathogenicity factors.	Caroline Moffat	Current	3/11/2020
	IBC 2015-18	Identification of fungal plant pathogenic pathogenicity factors.	Simon Ellwood	Current	22/11/2020
	IBC 2015-19	Mouse models of Alzheimer's disease and diabetes.	Giuseppe Verdile	Current	12/11/2020

	IBC 2015-06	Heterologous expression of genes derived from plant pathogen fungal species.	Richard Oliver	Current	8/12/2020
	IBC 2015-17	Heterologous expression of genes derived from plant pathogen fungal species.	Simon Ellwood	Current	8/12/2020
	IBC 2016-02	Heterologous expression of genes derived from plant pathogen fungal species.	Rob Lee	Current	23/2/2021
	IBC 2016-03	Identification of fungal plant pathogenic pathogenicity factors.	Rob Lee	Current	23/2/2021
	IBC 2016-04	Screening of fungal pathogenicity genes by Agrobacterium-mediated transient expression of effector proteins in host plants.	Rob Lee	Current	23/2/2021
	IBC 2016-06	Knockout mice.	Nina Tirnitz-Parker	Current	17/03/21
	IBC 2016-07	Generation of stable cell lines using lentiviral transduction.	Giuseppe Verdile	Current	19/04/21

Import Permits

Permit Number	Expiry Date	Permit Holder	Materials	Building	Permit conditions
IP14007918	20-5-16	Elizabeth Watkin	Microorganism <i>Brochothrix thermosphacta</i>	B305	
IP14008061	19-5-16	Kasia Clarke	Nucleic acids from plant pathogens	B300	
IP14009283	6-6-16	Elizabeth Watkin	Microorganisms low risk lab strains	B305	
IP14010320	20-6-16	Pat Metharom	Cell lines from animals and humans, purified lab reagents, antibodies	B305	
IP14011552	16-7-16	David Groth	Genetic material and vectors	B305	
IP14014224	28-8-16	Kevin Keane	Purified lab reagents	B305	
IP14015992	30-9-17	Judith Lichtenzveig	Microorganisms <i>Ascochyta</i> and <i>Phoma</i> species	B300	Must remain under quarantine in W1540 B300 only.
IP14017568	10-7-17	Richard Oliver	Prohibited seeds, plant pathogens, nucleic acids from plant pathogens	B300	Must remain under quarantine in W1540 and W1684 B300 only.
IP14018385	12-11-16	Elizabeth Watkin	Microorganisms	B305	
IP14018575	25-11-16	Madeline Tucker	Nucleic acids from plant pathogens	B300	
IP14019327	24-11-16	Pat Metharom	Fluids, tissues and cell lines from humans and animals, genetic material and vectors, purified lab reagents, and antibodies	B305	
IP15004052	12-6-17	Mark Derbyshire	Seed <i>Arabidopsis thaliana</i>	B300	
IP15004293	13-4-17	Patricia Price	Fluids, tissues and cell lines from humans and animals, genetic material and vectors, diagnostic kits	B305	
IP15007757	11-6-17	Elizabeth Watkin	Microorganisms	B305	
IP15010453	17-8-17	Simon Ellwood	Nucleic acids from plant pathogens, microorganisms, proteins	B300	Must remain under quarantine in W1684 B300 only.
IP15011838	17-9-17	Joshua Ramsay	Microorganisms, genetic material from microorganisms, antibodies, lab reagents	B305	
IP15011871	11-6-17	Elizabeth Watkin	Microorganisms	B305	
IP15012450	15-9-17	Michael Bunce	Genetic material, fossils, soil/water samples, animal samples, herbal medicine	B311	Must remain under quarantine in W1318 B206:203 and W1828 B311 only.

IP15015048	14-10-17	Warren Grubb	Microorganisms	B305? RPH?	
IP15016327	24-11-17	Centre for Crop and Disease Management	Plant pathogens, genetic material from plant pathogens, restricted seed	B300	Must remain under quarantine in W1540 and W1684 B300, or W1829 B126K and W1830 B126G only.
IP15007864	17-8-16	Belinda Cox	Plant material	B300	Must remain under quarantine in W1540 B300 only.
P0000243859	BICON	Curtin University – Bob Webb	Soil and water samples		Gamma irradiated at ChemCentre for ARRC
IP15003970		Hla Aye Saw	Soil and water samples	Kalgoorlie	
IP14013521	13-8-16	Nerissa Ho	Lab reagents	B400	
IP14006367		Peter Ross Edwards	Unknown – asking Gwyn Hughes		
IP14002383		Laura Machuca Suarez	unknown		
IP14000644		John Mamo	unknown		
IP13022721		Angelina Jane Rossiter	unknown		
IP13020572		Bill Bateman	unknown		