	r	F		1	,			
Major Equipment List: Core or PI Laboratory Flow Cytometry and Cell Sorting	Vendor	Equipment Name and Model	Purchase date	Majer Dac GOS Acting prop GOSA Alteraptry GOSA Alteraptry GOSA Alteraptry GOSA Alteraptry GOSA Alteraptry	Owner/Contact Mandy LaRue/Tacob Xendrick Mandy LaRue/Tacob Xendrick	Email	Department Location	Notes Maritament under werke contract
	80 80	IO PACS Avial III IO Rhapsony Raspic cell Prop System IO Torteau X-29 IO Torteau X-29	2023	Cell Sorting CDNA library prep	Mandy LaRue/Jacob Kendrick Mandy LaRue/Jacob Kendrick	kendricb@musc.edu kendricb@musc.edu	Department	Maintained under service contract Maintained under service contract
Flow Cytemetry and Cell Sorting Flow Cytemetry and Cell Sorting	10	8D Fortessa X-20	2024	Conventional flow cytometry	Mandy LaRue/Jacob Kendrick	tendrich@musc.edu	HCC Shared Resources CR205G	Maintained under service contract
Flow Cytometry and Cell Sorting Flow Cytometry and Cell Sorting Flow Cytometry and Cell Sorting	Beckman Coulter Beckman Coulter	80 Internal 2-01 80 Internal 2-02 80 Int	2016	Conference	Mandy LaRue/Jacob Kendrick	sendrich@musc.edu	HCC Shared Resources STB441	Maintained under service contract
Flow Cytometry and Cell Sorting	Beckman Coulter Cytek	Beckma Coulter Cyst PLEX IX Cytel Amai Ingel Strain Is Cytel Romai Ingel Strain Is Cytel Romai Ingel Strain Is	2021	Conventional flow cytometry Imaging Flow Cytometry	Mandy LaRue/Jacob Kendrick Mandy LaRue/Jacob Kendrick	kandricb@musc.edu kandricb@musc.edu	HCC Shared Resources C8205G HCC Shared Resources STBM1 HCC Shared Resources C8205G HCC Shared Resources B6422	Maintained under service contract Maintained under service contract
Flow Cytometry and Cell Sorting	Cytek	Cytek Northern Lights IonPath MBIScope	2022	Spectral Flow Cytometry	Mandy LaRue/Jacob Kendrick	sendrich@musc.edu	HCC Shared Resources CR205G	Maintained under service contract IonPath shut down, 2025
Flow Cytometry and Cell Sorting	Standard BioTools Standard BioTools	tons as mean age of the state o	2016	openion visuolitoria, hyunteenional visuolitaria visuolit	Mandy LaRue/Jacob Kendrick	tendrich@musc.edu		Maintained under service contract Maintained under service contract Maintained under service contract Maintained under service contract
Flow Cytometry and Cell Sorting SC Altheimer's Disease Research Center (ADRC) Blomarker Cone	Standard BioTools Quanterix	Fluidigm Hyperion CyTOF Imaging Mass Cytometer HD-X Analyzer	2019 2023	Spatial Proteomics, visualize and quantity 40+ protein markers in tissue samples at 1-micron resolution Pluid Biomarker Assays	Mandy LaRue/Jacob Kendrick Steven Carroll/Dariusz Pytel	pytel@musc.edu	HCC Shared Resources 05422 Pathology & Lab Medicine 05433	Maintained under service contract Maintained under service contract
SC Alphelmer's Disease Research Center (ADRC) Blomarker Core SC Alphelmer's Disease Research Center (ADRC) Blomarker Core	Quanterix Melarular Davines	HD-X-Analyser fi ID-9 Cont s	2025	Had Bonnaker Mauga Had Bonnaker Mauga Gelluk	Steven Carroll/Dariusz Pytel Steven Carroll/Dariusz Pytel	pytel@musc.edu	Pathology & Lab Medicine 85433 Pathology & Lab Medicine 85433	Maintained under service contract Maintained under service contract
Translational Science Core	10X GENOMIC	DIROMUMCELL CONTROLLER/Chromium X/X	2018	Single cell library generation	Jian Duyang / Mrinmoyee Majumder	majumder@musc.edu	Hollings Cancer Center Shared Resources BE426	Maintained under service contract
Translational Science Core Translational Science Core	PROMEGA	CHROMINICELL CONTROLL EN/Chromium X/IX Marwell SSC and Quantus STREE VAC	2024 2018	Single cell library generation Automated nucleic acid extraction	Jian Ouyang / Mrinmoyee Majumder Jian Ouyang / Mrinmoyee Majumder	majumder@musc.edu majumder@musc.edu	Hollings Cancer Center Shared Resources 85426 Hollings Cancer Center Shared Resources 85426	Maintained under service contract Maintained under service contract
Translational Eclemen Core Translational Eclemen Core Translational Eclemen Core Translational Science Core	PROMEGA RISHER SCIENTIFIC COWARIS AGILENT	SPED VAC	2018	Nucleic Acid quality control	Jian Duyang / Mrinmoyee Majumder	majumder@musc.edu	Hollings Cancer Center Shared Resources 85426	Maintained under service contract
Translational Science Core Translational Science Core	AGILENT	UNED DUE DE MEDICALITOR UN HEMODINALITOR UN PARADON UN	2018	Nucleic Acid quantification and QC	Jian Duyang / Mrinmoyee Majumder Jian Duyang / Mrinmoyee Majumder	majumder@musc.edu	Hollings Cancer Center Shared Resources 85426	Maintained under service contract Maintained under service contract
Translational Science Core Translational Science Core	BIO-RAD BIO-RAD		2018	Droplet Digital PCR Digital PCR	Jian Duyang / Mrinmoyee Majumder	majumder@musc.edu	Hollings Cancer Center Shared Resources 85426	Maintained under service contract Maintained under service contract
	BIO-RAD	The Act Solid P (1 Ac	2018	Droplet Digital PCR	Jian Ouyang / Mrinmoyee Majumder	majumder@musc.edu	Hollings Cancer Center Shared Resources 05426	Maintained under service contract
Translational Science Core	BIO-RAD BIO-RAD NEXCELOM MILTENS	Touch 1000 PCRX3 Touch 1000 PCRX3	2018 2024	PCR PCR	Jian Duyang / Mrinmoyee Majumder Jian Duyang / Mrinmoyee Majumder	majumder@musc.edu majumder@musc.edu	Hollings Cancer Center Shared Resources 85426 Hollings Cancer Center Shared Resources 85426	Maintained under service contract Maintained under service contract
Translational Science Core	NEXCELOM NEXTENSE	CULOMETER	2019	Cell Counting	Jian Duyang / Mrinmoyee Majumder	majumder@musc.edu		
Translational Science Core	Bruker (Nanostring) Bruker (Nanostring)	IO. TO UNIT BEACHER GEORAL COSP	2016	Multiplex analyses	Jian Ouyang / Mrinmoyee Majumder Jian Ouyang / Mrinmoyee Majumder	majumder@musc.edu	Hollings Cancer Center Shared Resources BE427	Second of our and control of the con
Translational Science Core Translational Science Core	Bruker (Nanostring)	GeoMt DSP	2019	Digital Spatial Profiler Navilair Arid respetitivation and OC	Jian Ouyang / Mrinmoyee Majumder Jian Ouyang / Mrinmoyee Majumder	majumder@musc.edu	Hollings Cancer Center Shared Resources 82428 Hollings Cancer Center Shared Resources 82428 Hollings Cancer Center Shared Resources 82429	Maintained under service contract Maintained under service contract
International Actions close International Science Core International Science Core International Science Core International Actions Core International Inte	Thermo Scientific Intelsint/General Data General Data	Amendment of the Control of the Cont	2017	Histology Tissue Processing	AngelaYoon	yoona@musc edu	Holling Cancer Center Shared Resources 62429 Hollings Cancer Center Shared Resources 62439 Hollings Cancer Center HO7064 Hollings Cancer Center H07064	Pathology Solutions Inc Service Contract FY26
Bionepository and Tissue-Analysis Bionepository and Tissue-Analysis	General Data General Data	Laser Cassette Printer CL-01 Tissue Embedding Center TEC-2120	2017	Histology Tissue Processing Histology Paraffin Embedding	Angela Yoon Angela Yoon	yoona@musc.edu	Hollings Cancer Center HO706C Hollings Cancer Center HO706C	Pathology Solutions Inc Service Contract FI26 Pathology Solutions Inc Service Contract FI26
Biorepository and Tissue Analysis	General Duta General Duta	Automatic Shurout Microtome SC-Artis-A	2017	Paraffin Histological Sectioning	Angela Yoon Angela Yoon	yourselfmust edu	Hollings Cancer Center H0706C	Pathology Solutions Inc Service Contract FIZE
Biorepository and Tissue Analysis Biorepository and Tissue Analysis Biorepository and Tissue Analysis	Leica	CM Cryostat Routine Histopathology	2007	Frozen Histological Sectioning	Angela Yoon Angela Yoon	sponstimus; edu	Hollings Cancer Center HO706C Hollings Cancer Center HO706X Hollings Cancer Center 959424	Pathology Solutions Inc Service Contract F126
Bionepository and Tissue Analysis Bionepository and Tissue Analysis	Leica Pathology Thermo Scientific	TM. Acrayor Thermo Resco R.E. Ultra-Low Freezer	2007 2018	Tissue Microarrayer Biorepository and Clinical Sample Storage	Angela Yoon Angela Yoon Angela Yoon	yoona@musc.edu	Hollings Cancer Center 808424 Hollings Cancer Center HO706	Alarms and Service Contract FN26
Bioregository and Tissue Analysis	Thermo Scientific	Ones y Montaines Ones y	2021	Biorepository and Clinical Sample Storage	AngelaYoon	yoonaffmusc edu	Hollings Cancer Center H0705 Hollings Cancer Center B58750 Hollings Cancer Center B58750 Hollings Cancer Center B58750 Hollings Cancer Center B58750	Alarms and Service Contract FI26
Biorepository and Tissue-Analysis	Thermo Scientific Thermo Scientific	Ultra Low Freezer Ultra Low Freezer	2012	Biorepository and Clinical Sample Storage	Angela Yoon Angela Yoon Angela Yoon	goonaffmust edu	Hollings Cancer Center 858750	Alarms and Service Contract F126 Alarms and Service Contract F126
Biorepository and Tissue Analysis Singerository and Tissue Analysis	Thermo Scientific	Ultra Low Freezer	2013	Biorepository and Clinical Sample Storage Biorepository and Clinical Sample Storage	Angela Yoon Angela Yoon	yourselfmust edu	Hollings Cancer Center 858750 Hollings Cancer Center 858750	Alarms and Service Contract P(26)
Bionepository and Tissue Analysis	Thermo Scientific	Ultra Low Freezer	2014	Biorepository and Clinical Sample Storage	AngelaYoon	yoona@musc edu	Hollings Cancer Center 858750	Alarms and Service Contract FIZ 6
Supports of Thunkofeld Suppor	Thermo Scientific Thermo Scientific Thermo Scientific Thermo Scientific Thermo Scientific	Section from the Comment of the Comm	2015 2017	miorepository and Clinical Sample Storage Biorepository and Clinical Sample Storage	Angela Yoon Angela Yoon Angela Yoon Angela Yoon Angela Yoon Angela Yoon	occusifimuse edu occusifimuse edu	Hotlings Cancer Center \$5,0750 Hotlings Cance	Are must be rown Carrier 1970
Bionepository and Tissue Analysis	Amazon	NMDIATesia V100 Volta GPU Accelerator 12GB Graphics Card	2018	Spatial Phenotyping with Visiopharm Software	Angela Yoon	ponaffmus; edu	Hollings Cancer Center H0712A	Budgeted for replacements update FY26
Biorepository and Tissue Analysis	Dell	Precision 7920 Tower	2018	mIF Spatial Quantification and Phenotyping	Angela Yoon Angela Yoon Angela Yoon	ponaffmus; etu	Hollings Cancer Center HO712A Hollings Cancer Center HO712A	Budgeted for replacements update FY26
Bionepository and Tissue Analysis Bionepository and Tissue Analysis	Nkon Akoya	Brightfield Microscope Vectra PolariyPhenoimager HT Automated Scanner	2009 2017	Pathology Slide Review Whole Slide Brightfield and Multispectral Imaging		yoona@musc.edu yoona@musc.edu	Hollings Cancer Center HO712A Hollings Cancer Center Horznez	Maintained under service contract
Biorepository and Tissue-Analysis	Akoya Ventana Thermo Scientific	Vector Palaris/Phenolineger HT Automated Scanor Chicavory Uter Automated Scanor Chicavory Chic	2024	HC and Multi pleased H Staining	Angela Yoon Angela Yoon Lauren Ball/lennifer Bethard	ponalimus etc	Helling Enter Center 80712A Helling Enter Center 807066 Helling Enter Enter 907066 Helling Enter 9070666 Helling Enter 90706666 Helling Enter 90706666 Helling Enter 907066666 Helling Enter 907066666 Helling Enter 90706666666 Helling Enter 90706666666666666666666666666	Maintained under service contract
wass spectrometry Facility, Proteomics Center Mass Spectrometry Facility, Proteomics Center			2018 2022	LL-Woywo Proteomics (LFQ, DIA, TMT, SLAC), PTMomics, Protein/Drug Interactions LC-MG/MS Proteomics (LFQ, DIA, TMT, SLAC), PTMomics, Protein/Drug Interactions; Discovery metabolomics	Lauren Ball/Vennifer Bethard Lauren Ball/Vennifer Bethard	balle@must.edu balle@must.edu	Pharmacology & Immunology CRI305 Pharmacology & Immunology CRI305	Maintained under service contract Maintained under service contract
Mass Spectrometry Facility, Proteomics Center Mass Spectrometry Facility, Proteomics Center	Thermo Scientific	Vanguish Horizon HPLC Christians Astrol Mass Sour Investor (2nd separative) and Vanguish New 1860 C	2025	LC-MS/MS Untargeted Metabolomics when coupled to Exploris 480 MS.	Lauren Ball/Vennifer Bethard	balleffmusc.edu	Pharmacology & Immunology CRI205	Maintained under service contract Spiesserfalte (used 1 2005) Installation anticipated Edit 2005 Advantaged and anticipated Edit 2005
Mass Spectnemetry Facility, Proteomics Center	Thermo Scientific Thermo Scientific Thermo Scientific	Vanaçuluk Norian HPKC Öbbitang Aktral Mass Spectrometer (End generation) and Vanquish Non URPLC TSC/Alto Films Triple Cquadrupole Mass Spectrometer with Vanquish Films TSC/Alto Films Triple Cquadrupole Mass Spectrometer with Vanquish Films	2025	LC-MS/MS Targeted Metabolomics using Biocrates kits, (MRM assays):	Lauren Ball/Tennifer Bethard	balle@musc.edu	Pharmacology & Immunology CRIDS Pharmacology & Immunology CRIDS Pharmacology & Immunology CRIDS	Installation anticipated Fall 2025, Maintained under service contract
Mass Spectrometry Facility, Proteomics Center	Thermo Scientific Thermo Scientific Thermo Scientific	Company of Nationary 3.4 Singli Park (Park Singli Park (Park Singli Park Singli	2025 2025	Small molecule identification needs and workflows including untargeted metabolomics. Sample preparation	Lauren Ball/Sennifer Bethard Lauren Ball/Sennifer Bethard	balle@must.edu balle@must.edu	Pharmacology & immunology CRI205 Pharmacology & immunology CRI205	Installation anticipated Fall 2025, Maintained under service contract Installation anticipated Fall 2025, Maintained under service contract
Mass Spectrometry Facility, Proteomics Center	Thermo Scientific	Variquish LPIC w/ Diode array detector	2016	Liquid Chromatography (High pH RP fractionation of TMT labeled peptides)	Lauren Ball/Tennifer Bethard	balle@musc.edg	Pharmacology & Immunology CRI305	Maintained in house
wass spectrometry Facility, Proteomics Center Mass Spectrometry Facility, Proteomics Center		Sender Control	2012 1990	Lrying aqueous samples Drying aqueous samples	Lauren Balf/lennifer Bethard Lauren Balf/lennifer Bethard Lauren Balf/lennifer Bethard Lauren Balf/lennifer Bethard	balle@musc.edu balle@musc.edu	Pharmacology & Immunology CR205	Meternal of the article control. Meternal to the article control. Metern
Mass Spectrometry Facility, Proteomics Center	Savant Second Friendsky	Speedvac Program 3.3 colores	1990	Oryling aqueous samples	Lauren Ball/tennifer Bethard	balle@musc.edu	Pharmacology & Immunology CRI305	Maintained in house
Mass Spectnemetry Facility, Proteomics Center	Thermo Scientific Thermo Scientific	Diopharma Finder software	2025	Proteomics database searching software Proteomics database searching software for PTMs	Lauren Ball/Vennifer Bethard Lauren Ball/Vennifer Bethard Lauren Ball/Vennifer Bethard Lauren Ball/Vennifer Bethard	balleffmust etc	Pharmacology & Immunology CRISOS Pharmacology & Immunology CRISOS	Permanent license
Mass Spectnerestry Facility, Proteomics Center	Dell	Computing 6 x Intel Xeon Gold 623BR processor (28 cores 56 threads 2.2 GRz up to 4 GRz with 48GB RAM, 500GB O5 drive and 200GB Data drive	2022	Data processing	Lauren Ball/Tennifer Bethard	balletimusc.edu	Pharmacology & Immunology CRIDOS Pharmacology & Immunology CRIDOS Pharmacology & Immunology CRIDOS	Maintained by IT Maintained by IT Maintained by IT Permanent license with annual upgrades
Mass Spectrometry Facility, Proteomics Center	Synology	High-speed NAS servers (60 TB)	2024	Data storage	Lauren Ball/Vennifer Bethard Lauren Ball/Vennifer Bethard	balle@musc.edu	Pharmacology & Immunology CRI3DS	Maintained by IT
Mass Spectrometry Facility, Proteomics Center Mass Spectrometry Facility, Proteomics Center	Dell Symology Biognovys Risher Scientific Neps Gene Semens	Spectronaut Software Sonic dismembrator Model CL-SII	2021	Next-gen DIA Proteomics Database searching software Sample preparation	Lauren Ball/Sennifer Bethard Lauren Ball/Sennifer Bethard	balle@musc.edu balle@musc.edu	Pharmacology & Immunology CRI305 Pharmacology & Immunology CRI305	Permanent license with annual upgrades
TGE core	Neps Gene	Super Electroporator NEPA21 Type II	2019	In Vitro & in Vivo Electroporation	Fulei Tang	Fulei@musc.edu	DLAR CRI705 Neuroscience Mi109H1	Maintained in house
Center for Biomedical Imaging Center for Biomedical Imaging	RAPID Biomedical	NAME AND ADDRESS OF THE ADDRESS OF T	2017	Simultaneous MRI/TMS	Jens Jensen	ienself-must edg	Neuroscience Millowiii Neuroscience Millowiii	Maintained under service contract Maintained in house
Lean to the description of the control of the contr	Bruker Spectral Instruments Imaging	Biospec 70/30 7T MRI	2007	Small animal MRI Sin luminary and Sin year and In view in safey	Jens Jensen Rebecca Gregory Rebecca Gregory Rebecca Gregory	ienselfmust edg	Neuroscience BE235C HCC Shared Resources HCC 403A	Annual control of the
Small Animal Imaging	Perkin Elmer Fujifilm VisualSonics	Needs	2010	Fluorescent multiplies in vivo imaging	Rebecca Gregory	gregoryr@musc.edu	HCC Shared Resources HCC 4038 HCC Shared Resources HCC 4038	Metablished of an unit contract Metablished of an unit contract Metablished of the meta
Small Animal Imaging MIJISC In vivo Services Cons	fujifilm VisualSonics Zoetis	Vevo F2 Vertican VC2	2023	Rodent ultrasound Vaterinary Mondir hemistry	Rebecca Gregory Rebecca Gregory	energy reflection of a	HCC Shared Resources HCC 403D Comparative Medicine STB 822	Maintained under service contract Maintained in house
MUSC in vivo Services Core	Zoetis	VetScan INVS	2021	Veterinary CBC	Rebecca Gregory	eresoryn@musc.edu	Comparative Medicine STB 822	Maintained in house
MUSC In vivo Services Core Lipidomics Shared Resource Lipidomics Shared Resource	Leica Thermo Scientific	VetEcan INMS MS0 dissecting/surgical scope MS0 Quarting/surgical scope MS0 Quartin Plus Triple Quadrupole MS with Vanquish HPLC	2023	Rodent microsurgery LC-MS/MS Lipi domics	Rebecca Gregory Rebecca Gregory Besim Ogretmen/Jason Pierce	pierce)@musc.edu	Comparative Medicine STB 821 Blochemistry CRISDSC	Maintained in house Maintained under service contract &/or in house
Lipscornet shared Resource Lipscornet Shared Resource Lipscornet Shared Resource Lipscornet Shared Resource	Thermo Scientific Thermo Scientific	TSQ Quantis Plus Triple Quadrupole MS with Vanquish HPLC	2023	LC-MS/MS Lipi domics	Sesim Ogretmen/Jason Pierce	plerce)@musc.edu	Biochemistry CRISDSC	Maintained under service contract &/or in house
Ligidomics shared kelource	Inentito scientific	ISQ quantity has in pie quaerupose wis with vanquish revic.		LL-woyne Liptomics	Sesim Ogretmen/Jason Pierce	prenterior usc. equ	Biochemistry CRISOSC Biochemistry CRISOSC	Maintained under service contract &/or in house
Lipidomics Shared Resource	Thermo Scientific	TSQ Quantis Plus Triple Quadrupole MS with Waters SFC	2016					
		TSQ Quartis Plus Triple Quadrupole MS with Waters STC SuperBuid Critical Charcenstography (UPC*) System (Manufacture Control Operation (UPC*) System	2016 2014	LC-MS/MG Glycosy (Galatosyl-Cer Separation Chromatographic Glycosy (Galatosyl-Cer Separation Literated Chromatographic Separation	Besim Ogretmen/Jason Pierce	piercei@musc.edu piercei@musc.edu	Biochemistry CRISOSC Biochemistry CRISOSC	Maintained under service contract & for in house
	Thermo Scientific Waters Thermo Scientific Zelss	152 Questie Plan Triple Querkey poly MK with Waters SC Laperhald Cities Plan Triple Querkey poly MK with Waters SC Laperhald Cities Plan Triple Querkey Plan Triple	2016 2014 2016 2003	LC AMPART (Grapher) (Gradeon) Cer Separation Control Grapher) (Gradeon) Cer Separation Logic Chomatography Control Grapher) (Gradeon) Cer Separation Logic Chomatography Control Impring	Besim Ogretmen/Jason Pierce Besim Ogretmen/Jason Pierce Besim Ogretmen/Jason Pierce John Lemasters/Li Li	pierceidimus; edu pierceidimus; edu pierceidimus; edu lematellimus; edu	Biochemistry CRISDSC Biochemistry CRISDSC Biochemistry CRISDSC Orug Discovery Building HOSD4	their contract store on the contract is for in house Wainternal under service contract is for in house Wainternal under service contract is for in house Wainternal under service contract So service contract So service contract
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Lipidomic Shared Bascutre Lipidomic Shared Bascutre Cell & Molecular imaging		Superfluid Civilia Ci Care montagrage (plu (pluse) Appagado Aquantifrancia (Control Care montagrage) (plus (pluse) Appagado Aquantifrancia (Control Care montagrage) (plus (plus) Appagado Aguantifrancia (plus) Appagado Aguanti	2016 2014 2016 2003 2015 2012 2012	LE AMONDO CONTROLLES C	Besim Ogretmen/Jason Pierce Besim Ogretmen/Jason Pierce John Lemasters/LLI John Lemasters/LLI John Lemasters/LLI John Lemasters/LLI John Lemasters/LLI	pierceidimus; edu pierceidimus; edu pierceidimus; edu ternateidimus; edu ternateidimus; edu ternateidimus; edu ternateidimus; edu	Bischemistry	And the control of th
Lipidomic Shared Bascutre Lipidomic Shared Bascutre Cell & Molecular imaging		Superface Costs Chromotography (APC System Superface Assertions (APC System Superface Assertions (APC System Superface Assertions (APC System Superface ASSERTION (APC System Superface APC System Sup	2016 2014 2016 2003 2003 2015 2012 2012 2013 2024 2024	Collection Consequence Consequ	Besim Ogretmen/Jason Pierce Besim Ogretmen/Jason Pierce John Lemasters/LLI John Lemasters/LLI John Lemasters/LLI John Lemasters/LLI John Lemasters/LLI	pierceidimus, edu pierceidimus, edu pierceidimus, edu ternateidimus, edu ternateidimus, edu ternateidimus, edu ternateidimus, edu ternateidimus, edu ternateidimus, edu ternateidimus, edu	Biochemistry	After any other process of the control of the contr
Lipidomic Shared Bascutre Lipidomic Shared Bascutre Cell & Molecular imaging		Superface Costs Chromotography (APC System Superface Assertions (APC System Superface Assertions (APC System Superface Assertions (APC System Superface ASSERTION (APC System Superface APC System Sup	2016 2014 2016 2003 2015 2012 2012 2013 2024 2024 2029 2019	ORACHOROS Michael de Sancian (1985) Oracle	Besim Ogretmen/Jason Pierce Besim Ogretmen/Jason Pierce John Lemasters/LLI John Lemasters/LLI John Lemasters/LLI John Lemasters/LLI John Lemasters/LLI	pierceillimus, edu pierceillimus, edu pierceillimus, edu ierusteillimus, edu ierusteillimus, edu ierusteillimus, edu ierusteillimus, edu ierusteillimus, edu ierusteillimus, edu ierusteillimus, edu ierusteillimus, edu	Biochemistry (BISOSC Biochemistry) (BISOSC Biochemistry) (BISOSC Biochemistry) (BISOSC Biochemistry) (BISOSC Biochemistry) (BISOSC Discourse) patienting (BISOSC DIscourse) (BISOSC DIscourse) patienting (BISOSC DIscourse) (BISOS	Material and an enter content (A) or these We are interested and enter and
Lipidomic Shared Bascutre Lipidomic Shared Bascutre Cell & Molecular imaging		Superface Costs Chromotography (APC System Superface Assertions (APC System Superface Assertions (APC System Superface Assertions (APC System Superface ASSERTION (APC System Superface APC System Sup	2016 2014 2016 2003 2015 2012 2013 2024 2024 2024 2019 2018	Collection Consequence Consequ	Basim Ogretnen/Jason Piesce Basim Ogretnen/Jason Piesce John Lemaster yll Li John Lemaster yll Li	sierceillimuse, edu eierceillimuse edu eierceillimuse edu erranteillimuse, edu	Bookenskry (1995) Bookenskry (And consider a consideration of the consideration o
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