

CARB-X Portfolio Pipeline (as of April 30, 2026)

Therapeutics

Project Status	Product Developer	Product	Syndrome	Development Stage				
				Hit to Lead	Lead Optimization	Pre-Clinical	First in Human	Post First in Human
Active Project	ArrePath Inc.	Novel LpxH Inhibitors	cUTI/pyelonephritis					
	Basilea	Novel Class Antibiotic Targeting LptA	Bloodstream infections					
	Bugworks	GYROX Gyrase-topoisomerase inhibitor	cUTI/pyelonephritis					
	Centauri	CTX-187	HABP/VABP					
	Debiopharm	Debio 1453 Ng FabI inhibitor	Sexually transmitted infections					
	GangaGen	Klebicins	HABP/VABP					
	Helmholtz CIR	S. aureus α -hemolysin Inhibitors	HABP/VABP					
	Kinvard	Oxepanoprolinamides	CABP					
	Locus	LPB-KP01 CRISPR-Cas3 Bacteriophage	cUTI/pyelonephritis					
	Macro Biologics (Amicrobe)	Amicidin-Beta Solution	Bone Joint					
	Myers Research Group	Lipoprotein transport inhibitors	cUTI/pyelonephritis					
	Tamrisa	EBL-1463 Non -beta-lactam PBP inhibitor	cUTI/pyelonephritis					
	University of Melbourne	PBT2-antibiotic combination therapeutics	CABP					
	Graduated Project	Clarametx BioSciences	CMTX-101 Monoclonal antibody	CABP				
Entasis Therapeutics		ETX0282CPDP Oral combination	cUTI/pyelonephritis					
GSK		FimH	Recurrent UTI					
Iterum Therapeutics		Sulopenem	cUTI/pyelonephritis					

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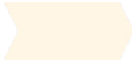



Therapeutics

Project Status	Product Developer	Product	Syndrome	Development Stage				
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Graduated Project								
	Oppilotech	LPS						
	Peptilogics	PLG0206 Direct-acting engineered peptides	Bone Joint					
	Spero	SPR741	cUTI/pyelonephritis					
	Tetraphase	TP-6076	HABP/VABP					
	Trellis	TRL1068 Monoclonal antibody	Bone Joint					

Preventatives

Project Status	Product Developer	Product	Syndrome	Modality	Development Stage				
					Hit to Lead	Lead Optimization	Pre-Clinical	First in Human	Post First in Human
Active Project	AdJane	Outer Membrane Vesicle vaccine for Neisseria Gonorrhoeae	Sexually transmitted infections	Vaccine	▶				
	Baxiva AG	Multivalent glycoconjugate vaccine	Recurrent UTI	Vaccine	▶				
	Clarametx BioSciences	CMTX-301	Recurrent UTI	Vaccine		▶			
	GSK	GSK Strep A vaccine	HEENT	Vaccine			▶	▶	
	Immunartes LLC	Monoclonal antibody for prevention of Staphylococcus aureus invasive disease	Bloodstream infections	Antibody	▶				
	Immunethep	Paragon Novel Vaccine (PNV)	Bloodstream infections	Vaccine		▶			
	LimmaTech	N. gonorrhoeae vaccine	Sexually transmitted infections	Vaccine	▶	▶	▶		
		VO2 Multi-valent vaccine	Skin and skin-structure	Vaccine	▶	▶	▶	▶	
	Lumen	LMN-0403	Diarrheal	Antibody	▶	▶	▶		
	Peptilogics	zaloganon-CR slow release	Bloodstream infections	Other		▶			
	Seres	SER-155-LF		Live Biotherapeutic product			▶		
	SNIPRBiome	SNIPR001 CRISPR-engineered preventative	Bloodstream infections	Bacteriophage			▶	▶	▶
	Syntiron	Alloy-EK	Recurrent UTI	Vaccine		▶			
	University of Maryland School of Medicine	A multivalent conjugate vaccine that prevents neonatal sepsis caused by Klebsiella pneumoniae	Neonatal sepsis	Vaccine		▶			
	Vaxdyn	K-Vax	HABP/VABP	Vaccine		▶	▶		
Vedanta	VE707 Microbiome	Recurrent UTI	Live Biotherapeutic product		▶	▶			
Graduated Project	GSK	GSK INTS-TCV INTS-typhoid conjugate vaccine	Bloodstream infections	Vaccine			▶	▶	

Preventatives

Project Status	Product Developer	Product	Syndrome	Modality	Development Stage				
					Hit to Lead	Lead Optimization	Pre-Clinical	First in Human	Post First in Human
Graduated Project	Seres	SER-155		Live Biotherapeutic product					
	Vedanta	VE303	Gastrointestinal	Live Biotherapeutic product					

Diagnostics

Project Status	Product Developer	Product	Syndrome	Result Output	Development Stage		
					Feasibility	Optimization	Alpha Development and beyond
Active Project	AstraDx, Inc.	Rapid direct-from-blood ID & phenotypic AST	Neonatal sepsis	ID/AST			
	Chembio	Rapid POC DPP test	Typhoid fever				
	GenomeKey	Rapid direct-from-blood ID & predictive AST using machine learning & WGS	Bloodstream infections	ID/AMR			
	Melio	Rapid direct-from-blood ID & AMR using DNA melt curves	Neonatal sepsis	ID/AMR			
	QuantaMatrix	Rapid direct-from-blood ID & AMR using Quick Multiplexed Assay Platform					
	Uh-Oh Labs Inc	STI Scout - POC rapid test to detect Ng and Ct and AMR	Sexually transmitted infections	ID			
	Visby	At-home rapid test to detect Ng, Ct, Tv and AMR	Sexually transmitted infections	ID/AST			
Graduated Project	Avails	Rapid post-blood culture electronic AST	Bloodstream infections	ID/AMR			
	Day Zero	Rapid direct-from-blood ID & predictive AST using machine learning & WGS	Bloodstream infections	ID/AMR			
	HelixBind, Inc.	RaPID/BSI - Rapid direct-from-blood ID & AMR using molecular technology	Bloodstream infections	ID			
	Pattern	ID & AST using digital culture single cell biometric analysis	HABP/VABP	ID/AST			
	Proteus	Gram-status and active infection detection using optical bacterial imaging	Respiratory - Other	ID			
	Specific	VITEK REVEAL™	Bloodstream infections	ID/AST			
	T2	T2Resistance	Bloodstream infections	ID/AMR			

Seed

Project Status	Product Type	Product Developer	Product	Syndrome	
Active Project	Therapeutic	JLU Giessen	Darobactins	cUTI/pyelonephritis	
	Preventative	Phiogen	PHI-BI-01	Bloodstream infections	
	Diagnostic	Exhalon	ID using real-time mass spectrometry breath analysis		
		Pearl Diagnostics Inc.	ID from urine using smart-Ab development	Respiratory - Other	
		Prompt Diagnostics LLC	POC rapid test to detect Ng, Ct, Tv, and AMR	Sexually transmitted infections	
		ProtonDx	Direct-from-blood ID using host response multiclass signatures		
		Rhode Island Hospital	Direct-from-blood ID using RNA sequencing-informed PCR	Respiratory - Other	
Zeteo Tech	ID from exhaled breath using mass spectrometry				
Formerly Funded Project	Diagnostic	Fuse Diagnostics	Apex CT/NG - POC rapid test to detect Ng and Ct	Bloodstream infections	

Formerly Funded Therapeutics

Product Developer	Product	Syndrome	Development Stage			
			Hit to Lead	Lead Optimization	Pre-Clinical	First in Human
Achaogen	AKAO-LpxC	HABP/VABP			█	
	Next-Generation AG	cUTI/pyelonephritis		█		
Antabio	PEI Pseudomonas elastase inhibitor	Cystic fibrosis-associated		█	█	
Basilea	DXR novel class Inhibitor	HABP/VABP	█			
BB100	BB100 Monoclonal antibody	cUTI/pyelonephritis			█	
Bioversys	AVATAR-SA Anti-virulence agent	Skin and skin-structure		█		
	BV300 novel pyrroloctosines	HABP/VABP		█		
Cellics	Macrophage Nanosponges	Sepsis - Other		█	█	
Cidara	CD201	HABP/VABP			█	
ContraFect	Amurins. Phage-encoded lytic	Cystic fibrosis-associated	█			
	Gram-negative lysins	HABP/VABP	█	█	█	
Curza	CZ-02	cUTI/pyelonephritis		█		
Debiopharm	Debio 1454	HABP/VABP		█		
EligoChem	Helical Antimicrobial Peptides	HABP/VABP		█		
Entasis Therapeutics	Non-beta-lactam PBPI	HABP/VABP		█	█	
Evotec	TriBE broad spectrum antibiotics	cUTI/pyelonephritis		█		
Forge	LpxC inhibitor	cUTI/pyelonephritis	█	█		
		HABP/VABP		█	█	

Formerly Funded Therapeutics

Product Developer	Product	Syndrome	Development Stage			
			Hit to Lead	Lead Optimization	Pre-Clinical	First in Human
Helmholtz	Elastase (LasB) Inhibitors	HABP/VABP	█			
Helmholtz IPS	DnaN inhibitors for CABP infections	CABP	█			
Idorsia	TopESKAPE Topoisomerase inhibitor	cUTI/pyelonephritis		█		
InhibRx	INBRX-111	HABP/VABP			█	
Lytica	StAMPs	HABP/VABP	█			
Melinta	Pyrrolocytosine	cUTI/pyelonephritis		█		
Microbion	Novel bismuthiol, Pravibismane suspension	Cystic fibrosis-associated			█	
Microbiotix	T3SS inhibitors	HABP/VABP	█	█	█	
	Trans-translation inhibitors	Sexually transmitted infections	█			
MicuRx	MRX-8 Soft drug polymyxin	cUTI/pyelonephritis			█	█
ODD	aa-tRNA synthetase inhibitors	cUTI/pyelonephritis	█			
Phico	SASPject PT3.9 Engineered Bacteriophage	HABP/VABP			█	
Procarta	PRO-202	cUTI/pyelonephritis		█		
Recida	RC-01	cUTI/pyelonephritis				█
Redx	NBTi			█		
Shionogi	AGN-BL	HABP/VABP		█		
Spexis	OMPAT POL7306	HABP/VABP			█	
Summit	SMT-571	Sexually transmitted infections			█	

Formerly Funded Therapeutics

Product Developer	Product	Syndrome	Development Stage			
			Hit to Lead	Lead Optimization	Pre-Clinical	First in Human
Summit	SMT-738 first-in-class LoICDE targeting antibiotic	cUTI/pyelonephritis				
TAXIS Pharmaceuticals	EPI-PA Efflux Pump Inhibitor	HABP/VABP				
Techulon	PPNA-23X	Intra-abdominal				
UofQ	OctaPeptinX (OPX) Engineered peptides	HABP/VABP				
Venatorx	Oral cyclic-boronate PBP inhibitor	Sexually transmitted infections				
	β la-resistant PBP inhibitor	uUTI				
Visterra	VIS705	HABP/VABP				
Zikani	Novel macrolide antibiotic	cUTI/pyelonephritis				

Formerly Funded Preventatives

Product Developer	Product	Syndrome	Modality	Development Stage			
				Hit to Lead	Lead Optimization	Pre-Clinical	First in Human
Affinivax	MAPS Vaccine	Skin and skin-structure	Vaccine				
Eligo	EB004 CRISPR-based bacteriophage	Transplant-related	Other				
Facile	Ebselen Prevention of C.difficile recurrence	Gastrointestinal	Other				
GlyProVac	GPV02 – Towards first pan E. coli glycosylated protein vaccine	cUTI/pyelonephritis	Vaccine				
Idorsia	SEMI-SYNTHETIC CONJUGATE VACCINE	HABP/VABP	Vaccine				
Jenner	NOMV Vaccine	Sexually transmitted infections	Vaccine				
SciBac Inc.	SCB-102	Gastrointestinal	Live Biotherapeutic product				
Vaxcyte	GAS Carbohydrate conjugate vaccine	HEENT	Vaccine				

Formerly Funded Diagnostics

Product Developer	Product	Syndrome	Result Output	Development Stage		
				Feasibility	Optimization	Alpha Development and beyond
Accelerate	Post-blood culture AST using SRS optical imaging	Bloodstream infections	ID/AST	█		
Baebies	Post-blood culture ID using FINDER	Neonatal sepsis	ID/AMR	█		
MicrobeDx	UroLogic rapid ID and AST	Recurrent UTI	ID/AST			█
Module	AST using ASTSENSe technology	uUTI	ID/AST	█		
Novel	POC rapid test to detect Ng and Ct and AMR	Sexually transmitted infections	ID/AMR	█		
SpeeDx	Resistance Plus InSignia rapid molecular ID/AST test kit	Sexually transmitted infections	ID/AST	█	█	█
Talis	TALIS ONE - POC rapid test to detect Ng, Ct, and AMR	Sexually transmitted infections	ID/AST	█		