



CARB-X BENEFITS – BEYOND THE FUNDING

Diagnostics

Looking for help with your project? CARB-X provides a full range of specialized services, expertise and know-how — in addition to funding and free of charge — to support product development.

CARB-X has teamed up with a network of nine world-class accelerators in five countries to provide a full range of services tailored to the specific needs of product developers. CARB-X funded product developers also get streamlined access to NIAID Preclinical Services and guidance. All services are provided at no cost to the product developer.



Diagnostics expertise and support

Feasibility	Technical advice and guidance	<ul style="list-style-type: none"> • Product development plans, timelines, and budget • Preclinical study plans: analytical and clinical specimen testing • Regulatory and clinical trial plans • Analysis of data from feasibility studies and guidance on next steps and/or Go/No Go decisions • Project management guidance on standard stage-gate project structure • Guidance on standard stage-gate project structure
	Facilitate access to physical assets	<ul style="list-style-type: none"> • Clinical samples for testing • Clinical sites for performance evaluation • Contract manufacturers for reagent and antibody development • Prototyping facilities (microfluidics, microfabrication) for proof of concept and manufacturers for scale-up
	Support for commercialization	<ul style="list-style-type: none"> • Access to subject matter experts and/or consultants • Review of product requirements and concepts • Commercialization plans • Regulatory strategy for global Stringent Regulatory Authority (SRA) (US/EU/India/Africa approvals)
Optimization	Recommendations and support	<ul style="list-style-type: none"> • Manufacturing and quality control plans • Design considerations with relevance to manufacturability and market requirements • Company capabilities and management plans • Product development challenges • Quality and risk management plans
	Facilitate access to KOLs and experts/service providers	<ul style="list-style-type: none"> • Device design: electronics, machine design, microfluidics, photonics, computation/algorithms
Development	Review and advice	<ul style="list-style-type: none"> • Assay development plans • Instrumentation development plans
	Support preparation for transition to manufacturing	<ul style="list-style-type: none"> • Supply agreements • Identification of manufacturing/supply risks
	Facilitate connections with consultants/service providers	<ul style="list-style-type: none"> • Appropriate use of components and reagents • Product design • Manufacturing

Diagnostics expertise and support continued on reverse side



Diagnostics expertise and support

Verification + Validation (Limited Scope)	Review system integration plans	<ul style="list-style-type: none"> • Provide technical advice on development challenges
	Support development of Verification and Validation Plans	<ul style="list-style-type: none"> • Clinical study design • Analytical testing study design <ul style="list-style-type: none"> - cross-reactivity - Level of Detection (LOD)



Business and operation support

Funding	Funding strategy support	<ul style="list-style-type: none"> • Business development/partnering/licensing • Insight into funding opportunities globally (dilutive and non-dilutive)
	Direct support	<ul style="list-style-type: none"> • Business plans, deal sheets, messaging, pitch presentations, one-pagers, elevator pitch • Introductions to targeted investment community members • Letter of support
Strategy	Tailored guidance and support	<ul style="list-style-type: none"> • Target Product Profile (TPP) and commercialization plan • Development and leveraging of scientific advisory board • Access to experts and KOLs globally • Stewardship and access plans
	Insight into product landscape	<ul style="list-style-type: none"> • Global unmet medical needs • Governmental plans for antibacterial product development • Different cultures and healthcare settings, including low- and middle-income countries
Physical Space and Facilities	Lab and/or office space (requires an application)	<ul style="list-style-type: none"> • Bangalore, India • Basel, Switzerland • Copenhagen, Denmark • Union, NJ, US

CARB-X

Global Accelerator Network 

The Global Accelerator Network is a unique source of specialized expertise and know-how in anti-bacterial drug development, diagnostics, vaccines, business and legal strategy, regulatory affairs and other areas essential to accelerating CARB-X's growing portfolio.



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