

WIPO Re:Search Collaboration Pipeline 2011 - 2020

Buruli ulcer

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
AstraZeneca, Swiss TPH	Compounds	Drug		●—●				
Merck KGaA, U Yaoundé I	Compounds	Drug		●				
UBC, Swiss TPH	Compounds	Drug		●—●				
USF, U Yaoundé I	Expertise	Drug			○			
U Yaoundé I, GIBH	Samples	Drug					○	

Chagas disease

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
AstraZeneca, UCSF/UC San Diego	Compounds	Drug		●				
AstraZeneca, UCSF/UC San Diego	Compounds	Drug		●—●				
AstraZeneca, U Dundee	Compounds	Drug		●				
Eisai, UC San Diego	Compounds	Drug		●				
Eisai, UC San Diego	Compounds	Drug		●				
Eisai, UC San Diego	Compounds	Drug		○				
GSK, Fiocruz	Compounds	Drug		○				
SCRI, Fiocruz	Technology	Drug		○				
GSK, UC San Diego	Compounds	Drug		●				
Merck KGaA, GRIDD	Compounds	Drug		○				
Merck KGaA, UC San Diego	Compounds	Drug		○				
Northeastern, DNDi, Swiss TPH	Data	Drug		●—●				
Novartis, LNBio	Compounds	Drug		○				
Takeda, SCRI	Compounds	Drug		○				
UBC, McGill U	Technology	Diagnostic	○					
UC San Diego, UW	Reagent	Diagnostic	●					

Dengue fever

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
CPC, Stanford U	Samples	Diagnostic	●					
KU, Kineta	Expertise	Drug				●		
NIH, Emory U	Expertise	Drug		●				
Novartis, McMaster U	Reagent	Data	●					
Pfizer, 60P	Data	Drug					●—	

- Project ongoing
- Project completed
- Project continued outside of WIPO Re:Search

Human African trypanosomiasis

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
AstraZeneca, Northeastern U	Expertise	Drug				●	●	
AstraZeneca, UCSF	Compounds	Drug		●				
AstraZeneca, U Dundee	Compounds	Drug		●				
Eisai, Northeastern U	Expertise	Drug				●		
Eisai, U Yaoundé I	Compounds	Drug		○				
GSK, SCRI	Compounds	Drug		●				
J&J, U Yaoundé I	Compounds	Drug		○	○			
KNUST, UC San Diego	Compounds	Drug		○				
Merck KGaA, GRIDD	Compounds	Drug		○				
Merck KGaA, UC San Diego	Compounds	Drug		○				
Northeastern U, DNDi, Swiss TPH	Data	Drug		●				
USF, U Yaoundé I	Expertise	Drug			○			

Leishmaniasis

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
AstraZeneca, Stanford U	Expertise	Drug				●		
AstraZeneca, UCSF	Compounds	Drug		●				
AstraZeneca, U Dundee	Compounds	Drug		●				
Eisai, IDRI	Compounds	Drug		●				
Eisai, UC San Diego	Compounds	Drug		○				
Eisai, UC San Diego	Compounds	Drug		●				
Eisai, UC San Diego	Compounds	Drug		●				
Eisai, UT Southwestern	Compounds	Drug		●				
Eisai, U Yaoundé I	Compounds	Drug		○	○			
GSK, UC San Diego	Compounds	Drug		●				
J&J, IDRI	Compounds	Drug		○				
J&J, SCRI	Compounds	Drug		○				
J&J, U Yaoundé I	Compounds	Drug		○	○	○		
Merck KGaA, GRIDD	Compounds	Drug		○				
Merck KGaA, UC San Diego	Compounds	Drug		○				
Merck KGaA, U Yaoundé I	Compounds	Drug		○				
Northeastern U, DNDi, Swiss TPH	Data	Drug		●				
Takeda, SCRI	Compounds	Drug		○				
Takeda, IDRI	Compounds	Drug		○				
UCSF/UC San Diego, Stanford U	Expertise	Drug			●			
U Dundee, KNUST	Technology	Drug			○			
USF, U Yaoundé I	Expertise	Drug			○			

Leprosy

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
Fiocruz, GIBH	Samples	Drug						○

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Lymphatic filariasis

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
AstraZeneca, LSTM	Compounds	Drug		●				
Eisai, UC San Diego	Compounds	Drug		●				
Takeda, UCSF	Compounds	Drug		●				

Malaria

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
Alnylam, SCRI	Assay	Drug		●—●				
Alnylam, Northeastern U, NII	Reagent	Data	○					
AstraZeneca, LSTM	Compounds	Drug		●—●				
AstraZeneca, Northeastern U	Expertise	Drug				●—●		
AstraZeneca, UCSF	Compounds	Drug		●—●				
CPC, NIMR	Assay	Drug		○				
Eisai, LSTM	Compounds	Drug		●—●—●				
Eisai, U Dundee	Compounds	Drug		●				
Eisai, U Dundee	Compounds	Drug		●				
Eisai, U Yaoundé I	Compounds	Drug		○—○				
GSK, MIT	Compounds	Drug	●					
GSK, NII	Compounds	Drug	●					
GSK, NII	Compounds	Drug	●					
GSK, UBC	Compounds	Data	●					
GSK, UCSF	Compounds	Drug		●				
GSK, UW	Assay	Drug					●	
GSK, UW	Assay	Drug		●				
GSK, WUSTL	Compounds	Drug		●				
J&J, WEHI	Compounds	Drug		○—○—○				
J&J, WUSTL	Compounds	Drug		●				
J&J, UDUS	Compounds	Drug		○—○				
J&J, U Yaoundé I	Compounds	Drug		○—○				
MMV, UCSF	Assay	Drug					○	
MSD, WEHI	Compounds	Drug		○—○—○				
NIPD, CPC	Technology	Data	●					
Northeastern U, DNDi, Swiss TPH	Data	Drug		●				
Novartis, NIMR	Expertise	Drug			●			
PATH, CPC	Technology	Diagnostic					●	
PATH, U Calgary	Technology	Diagnostic					●	
Pfizer, SCRI	Compounds	Drug		●				
Pfizer, KEMRI	Compounds	Drug		○				
Pfizer, McGill U	Compounds	Drug		●—●				
Northeastern U, McGill U	Expertise	Drug			●			
Pfizer, WUSTL, GW	Expertise	Drug				●		
Stanford U, U Lagos	Technology	Diagnostic	●					
Takeda, SCRI	Compounds	Drug		○				
Takeda, NIH/NIAD	Technology	Vaccine					○	
U Lagos, McGill U	Samples	Diagnostic					●	
U Lagos, NIPD	Samples	Diagnostic	●					
U Lagos, Stanford U	Samples	Diagnostic					●	
USF, U Yaoundé I	Expertise	Drug			○			
UW, NMIMR	Expertise	Data	●					

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Neurocysticercosis

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
UCSF/UC San Diego, NIH	Compounds	Drug		●				

Onchocerciasis

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
AstraZeneca, LSTM	Compounds	Drug		●				
Eisai, U Buea	Compounds	Drug		○				
Merck KGaA, U Buea	Compounds	Drug		○	○			
MIT, U Buea	Technology	Diagnostic	○					
UBC, U Buea	Technology	Drug			○			
UBC, U Buea	Assay	Diagnostic	●					
U Buea, U Melbourne	Assay	Drug		○				

Rabies

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
NIH, IP Tunis	Expertise	Vaccine					○	

Schistosomiasis

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
Alnylam, Aberystwyth U	Expertise	Drug	●					
AstraZeneca, UCSF/UC San Diego	Compounds	Drug		●				
BRI, NIMR	Reagent	Data	●					
Eisai, UC San Diego	Compounds	Drug		●				
Eisai, UC San Diego	Compounds	Drug		○				
GRIDD, Swiss TPH	Compounds	Drug		●				
GRIDD, U Ibadan	Technology	Drug			○			
GSK, UCSF/UC San Diego	Compounds	Drug		●	●			
J&J, UC San Diego	Compounds	Drug		○				
KNUST, UC San Diego	Compounds	Drug		○				
MIT, U Ibadan	Technology	Diagnostic	○					
MSD, UCSF/UC San Diego	Compounds	Drug		○	○			
MSD, UC San Diego, SCRI	Expertise	Drug			○			
MSD, SCRI	Expertise	Drug			○			
NIPD, U Ibadan	Samples	Diagnostic					●	
Takeda, UC San Diego	Compounds	Drug		●	●			
UBC, U Ibadan	Technology	Diagnostic	○					
USF, U Yaoundé I	Expertise	Drug			○			

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Snakebite



Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
J&J, LSTM	Compounds	Drug		○				

Soil-transmitted helminthiases

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
AstraZeneca, McGill U	Compounds	Drug		●				
AstraZeneca, McGill U, DNDI	Compounds	Drug			●			
AstraZeneca, UCSF	Compounds	Drug		●	●			
GRIDD, Swiss TPH	Compounds	Drug		●				
J&J, Swiss TPH	Compounds	Drug		●				
J&J, U Melbourne	Compounds	Drug		○	○			
J&J, U of T	Compounds	Drug		○				
McMaster U, USF	Technology	Data	●					
Pfizer, Swiss TPH	Compounds	Drug		●				
Stanford U, USF	Technology	Diagnostic	○					

Tuberculosis

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
AstraZeneca, Anacor	Compounds	Drug		●				
AstraZeneca, GRIDD	Compounds	Drug		●	---			
Eisai, IDRI	Compounds	Drug		○				
FIND, IP Korea	Samples	Drug					●	
GSK, CWHM	Data	Drug		●				
GSK, IDRI	Compounds	Drug		●				
GSK, NII	Compounds	Data	●					
IDRI, IP Tunis, NII	Assay	Vaccine					●	
J&J, IDRI	Compounds	Drug		○				
J&J, NIH	Compounds	Drug		○	○			
J&J, WUSTL	Compounds	Drug		○	●			
MSD, Emory U	Expertise	Data	●					
MSD, GW	Assay	Drug			●			
NIH, IDRI	Compounds	Drug		○	○			
Northeastern U, CWHM, WUSTL	Data	Drug		●				
PATH, Caltech	Expertise	Diagnostic	●					
Pfizer, IDRI	Compounds	Drug		○				
SCRI, PHRI	Technology	Diagnostic					○	
Takeda, UBC	Compounds	Drug		○	○			
UW, NMIMR	Expertise	Data	●					

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Other*

*Fungal disease, diarrheal diseases, polio, RSV, and other diseases

Partners	Asset Shared	Expected Product	Phase					
			Basic research	Screening	Hit ID	Optimization	Pre-clinical	Clinical
AstraZeneca, Anacor	Data	Drug	●					
Eisai, IDRI	Expertise	Adjuvant				●		
Eisai, KU	Expertise	Drug				●		
KCCR, Northeastern U	Expertise	Data	●					
McMaster U, PATH	Technology	Diagnostic	●					
Merck KGaA, U Yaoundé I	Compounds	Drug		○				
Novartis, PHRI	Compounds	Drug		○				
Pfizer, CWHM	Compounds	Drug		●				
Pfizer, PATH, UVM	Compounds	Drug		●				
Sanofi, CWHM	Compounds	Drug		●				
Takeda, SCRI	Compounds	Drug		○				

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Organization Acronyms

60P 60 Degrees Pharmaceuticals

BRI Biomedical Research Institute

Caltech California Institute of Technology

CPC Centre Pasteur du Cameroun

CWHM Center for World Health & Medicine

DNDi Drugs for Neglected Diseases *initiative*

FIND Foundation for Innovative New Diagnostics

Fiocruz Oswaldo Cruz Foundation

GIBH Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences

GRIDD Griffith Institute for Drug Discovery

GSK GlaxoSmithKline

GW The George Washington University

IDRI Infectious Disease Research Institute

IP Korea Institute Pasteur Korea

IP Tunis Insitute Pasteur de Tunis

J&J Johnson & Johnson

KCCR Kumasi Centre for Collaborative Research in Tropical Medicine

KEMRI Kenya Medical Research Institute

KNUST Kwame Nkrumah University of Science and Technology

KU University of Kansas

LNBio Brazilian Biosciences National Laboratory

LSTM Liverpool School of Tropical Medicine

Merck KGaA known as EMD in the US and Canada

MIT Massachusetts Institute of Technology

MMV Medicines for Malaria Venture

MSD is a trademark of Merck & Co., Inc., Kenilworth, NJ, USA

NIAID National Institute of Allergy and Infectious Diseases

NIH National Institutes of Health

NII National Institute of Immunology

NIMR Nigerian Institute of Medical Research

NMIMR Noguchi Memorial Institute for Medical Research

NIPD National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention

PHRI Public Health Research Institute

SCRI Seattle Children's Research Institute

Swiss TPH Swiss Tropical and Public Health Institute

U of T University of Toronto

UBC University of British Columbia

UCB University of California, Berkeley

UCAD University Cheikh Anta Diop of Dakar

UC San Diego University of California, San Diego

UCSF University of California, San Francisco

USF University of South Florida

UVM University of Vermont

UW University of Washington

WEHI Walter and Eliza Hall Institute of Medical Research

UDUS Usmanu Danfodiyo University, Sokoto

UT Southwestern University of Texas Southwestern Medical Center

WUSTL Washington University in St. Louis