GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT

2015 Q1

Discovery			Early Development		Late Development		
LEAD IDENTIFICATION	LEAD OPTIMIZATION	PRECLINICAL DEVELOPMENT	PHASE 1	PHASE 2A	PHASE 2B	PHASE 3	PHASE 4
ATP Synthesis Inhibitors	Macrolides Sanofi	Preclinical TB Regimen Development JHU	TBA-354	Linezolid Dose-Ranging Study	NC-005 Pretomanid/ Bedaquiline/ Pyrazinamide	STAND Pretomanid/ Moxifloxacin/ Pyrazinamide (PaMZ)	Optimized Pediatric
Whole-Cell Hit-to-	Ureas Sanofi		Pharmacokinetics of first-line drugs in children < 5kg Stellenbosch University				Ethambutol/
Lead Program Sanofi	Diarylquinolines Janssen/University of Auckland/UIC				(ВРАZ)		Rifampicin/ Pyrazinamide for children > 5kg
Whole-Cell Hit-to- Lead Program GSK	Indazoles GSK						Isoniazid/ Rifampicin for children > 5kg
RNA Polymerase Inhibitors Rutgers University	Thiophene Carboxamides <i>Calibr</i>						Ethambutol for children > 5kg
Energy Meta- bolism Inhibitors <i>AZ/UPenn</i>	DprE1 Inhibitors						Isoniazid
	Cyclopeptides Sanofi	TB Alliance R&D Partners:					Pyrazinamide
POA Prodrugs Yonsei	Mmpl3 Inhibitors		for children > 5kg				
InhA Inhibitors	Oxazolidinones IMM	Beijing T Resear Calibr Cornell	Fuberculosis and Thora ch Institute (BTTRI) University	icic Tumor F S S	Rutgers University Sanofi Schrodinger Shionogi		
Takeda	Pyramidines	Dalichi Sankyo Stellenbosch University GlaxoSmithKline (GSK) Takeda Pharmaceuticals					
Hit ID Program Daiichi Sankyo		Institute of Materia Medica (IMM)TB Drug Accelerator (TBDA)IMPAACTUniversity College London (UCL)Janssen [Johnson & Johnson]University of AucklandJohns Hopkins University (JHU)University of Illinois at Chicago (UIC)Medical Research Council (MRC) at UCLUniversity of Pennsylvania School of(US) National Institutes of Health (NIH)Medicine (UPenn)OP-BIOYonsei UniversityRoche Pharmaceuticals					
Hit ID Program Shionogi							