

























IV. Invest in AR-related research									
Category	GPARC priority								
Laboratory research	<ul> <li>Enable faster detection of resistance, e.g.</li> <li>Molecular basis of AR</li> <li>Associated genotypes and phenotypes</li> </ul>								
Research & Development	<ul> <li>Ensure availability of new treatments, e.g.</li> <li>New antimalarials</li> <li>New transmission blocking formulations</li> <li>New diagnostic tools for mass screening</li> </ul>								
Applied & field research	<ul> <li>Determine if new or existing tools applied in novel ways can help manage AR, e.g.</li> <li>Epidemiological and transmission reduction tools</li> <li>Effectiveness of multiple 1<sup>st</sup> line therapies to delay resistance</li> </ul>								
Operational research	<ul> <li>Improve effectiveness of tools and programs in the field, e.g.</li> <li>Scalable models for reaching mobile and migrant populations</li> <li>Behavioral patterns explaining consumption of monotherapy</li> </ul>								
Mathematical modeling	Predict the spread and impact of artemisinin resistance, including the impact of interventions intended to manage it								
World Health Organization	GLOBAL MALARIA PROGRAMME								



V. Motivate action and mobilize resources Proposed areas of involvement by constituency										
	Global policy & norms	Surveillance & reporting	Contain. & implement.	Resource mobilization	Advocacy & political engagement	Research	Local policy & regulation	Emergency response		
Endemic countries Tier I, II & III	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
Multilaterals WHO - GMP	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark^1$	$\checkmark$	$\checkmark$		
Multilaterals WHO Regional & Country offices	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$		
Multilaterals all other			$\checkmark$	$\checkmark$	$\checkmark$			$\checkmark$		
Research & academia		$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$				
NGOs International & local NGOs, CBOs			$\checkmark$	$\checkmark$	$\checkmark$			$\checkmark$		
Private sector		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		$\checkmark$		
Funding agencies and bi-laterals		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
Vorld Health Organization										