



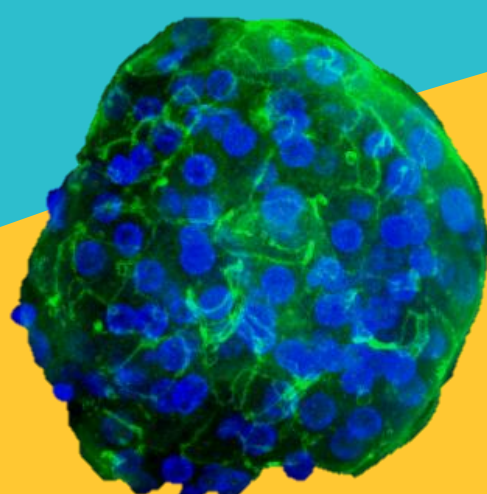
AS ONE AGAINST Malaria

We are committed to foster resilience in health systems to prevent and control malaria towards elimination

www.emdgroup.com/en/research/global-health-institute.html



Tiny Enemies

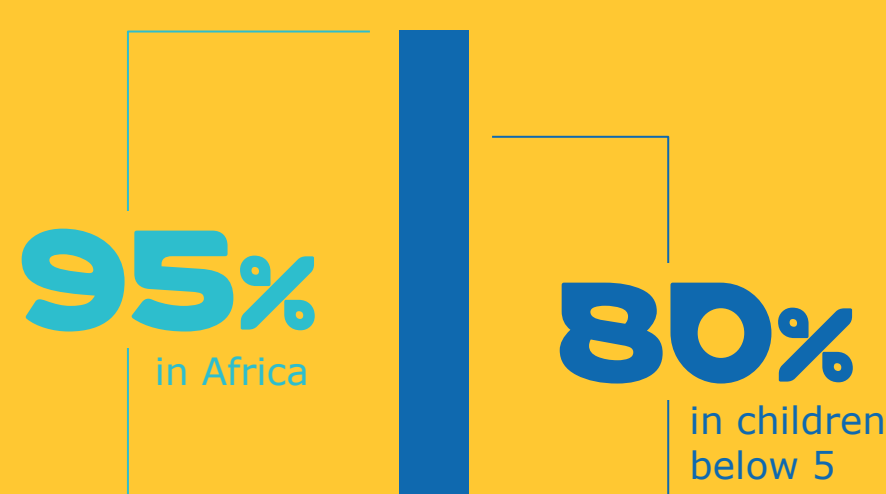


>240 million cases
600 thousand deaths

prevention is key...

After an infective mosquito bite, it takes less than half an hour for *Plasmodium* parasites to reach and mature in the liver!

With our partners, we are working on Plasmodium-infected liver spheroids cell culture to discover potential future preventive therapies.



WHO, 2022

Acting swiftly



Prevention

IR3535®

Provide supportive evidence to integrate repellent in malaria preventive measures

Discovery

New Drug Candidates

Implement strategic partnerships to identify new potential antimalarials

Development

Investigational Drug

Development of a new oral fixed-dose combination for the prophylaxis, prevention and treatment of malaria

Resilience of Health Systems



diagnosis

Training healthcare workers for excellence in microscopy haematology diagnostic



water access

Access to water in health centers as the first barrier against infections

PAVON Pan-african network of excellence

Plasmodium vivax and *Plasmodium ovale* malaria surveillance

>10

countries supported by the Global Health Institute initiatives

Capacity-building through networks of competencies

- Strengthening healthcare workforce and laboratory capacities
- Improving standardization of methodologies from microscopy to molecular biological surveillance
- Increasing impact through knowledge sharing and multi-pronged approaches



World Malaria Day
April 25th

DEMONSTRATING OUR COMMITMENT TO PATIENTS

A major gap in the spectrum of the prevention and treatment of malaria exists, and we are focused on helping to fill this gap by developing antimalarials for the most vulnerable populations in need.

BELÈN GARIJO

Chair of the Executive Board & CEO, Merck KGaA, Darmstadt, Germany

CURIOUS
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