



Splash the cash – counting the spend on infectious disease research before and during the pandemic

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Healthcare
Applications





- A long-running project that analyses funding trends in health research
- What do we spend our global health research money on?
- An analysis of \$105 billion of research funding for infectious diseases, coming from public and charitable funders



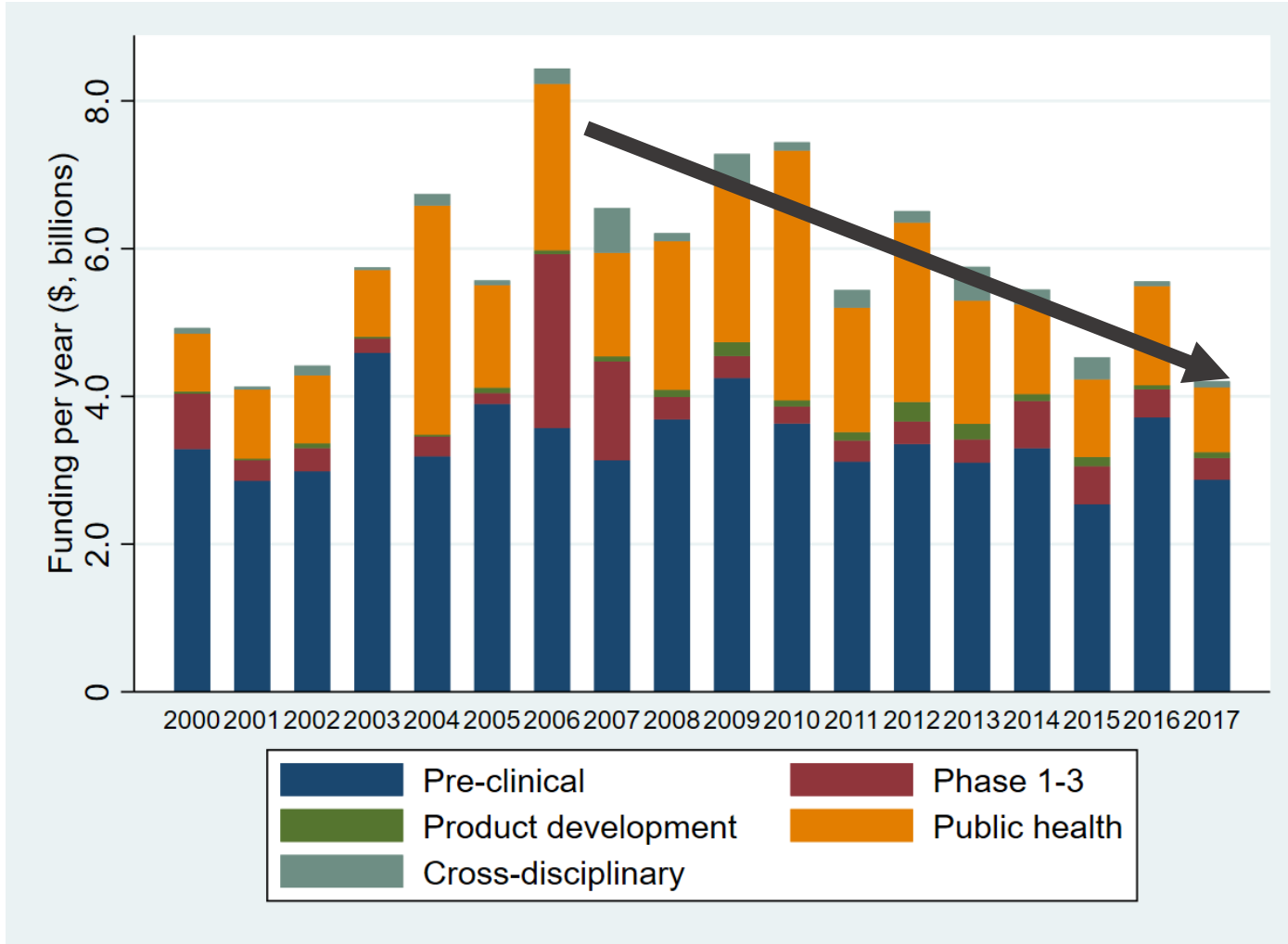
ARTICLES | VOLUME 8, ISSUE 10, E1295-E1304, OCTOBER 01, 2020

The allocation of US\$105 billion in global funding from G20 countries for infectious disease research between 2000 and 2017: a content analysis of investments

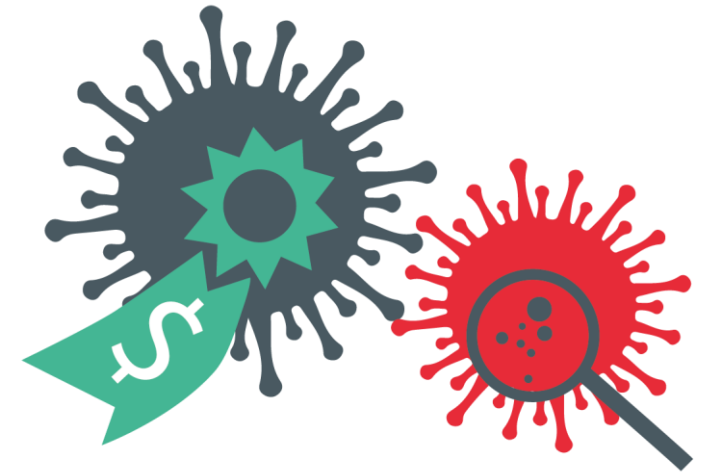
Michael G Head, PhD   • Rebecca J Brown, PhD • Marie-Louise Newell, PhD • J Anthony G Scott, FRCP •

James Batchelor, BSc [†] • Rifat Atun, FRCP [†] • Show footnotes

[https://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(20\)30357-0/fulltext](https://www.thelancet.com/journals/langlo/article/PIIS2214-109X(20)30357-0/fulltext)

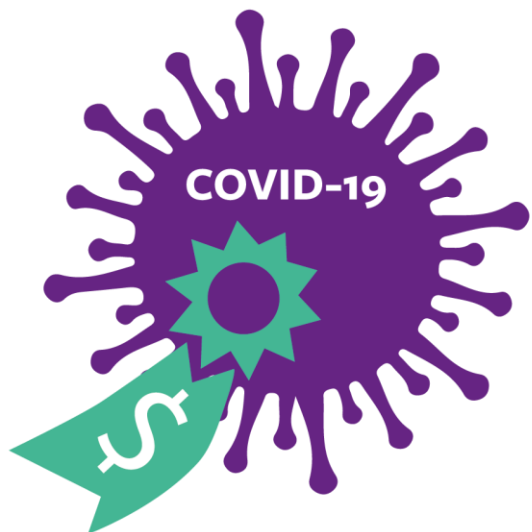


\$105 billion



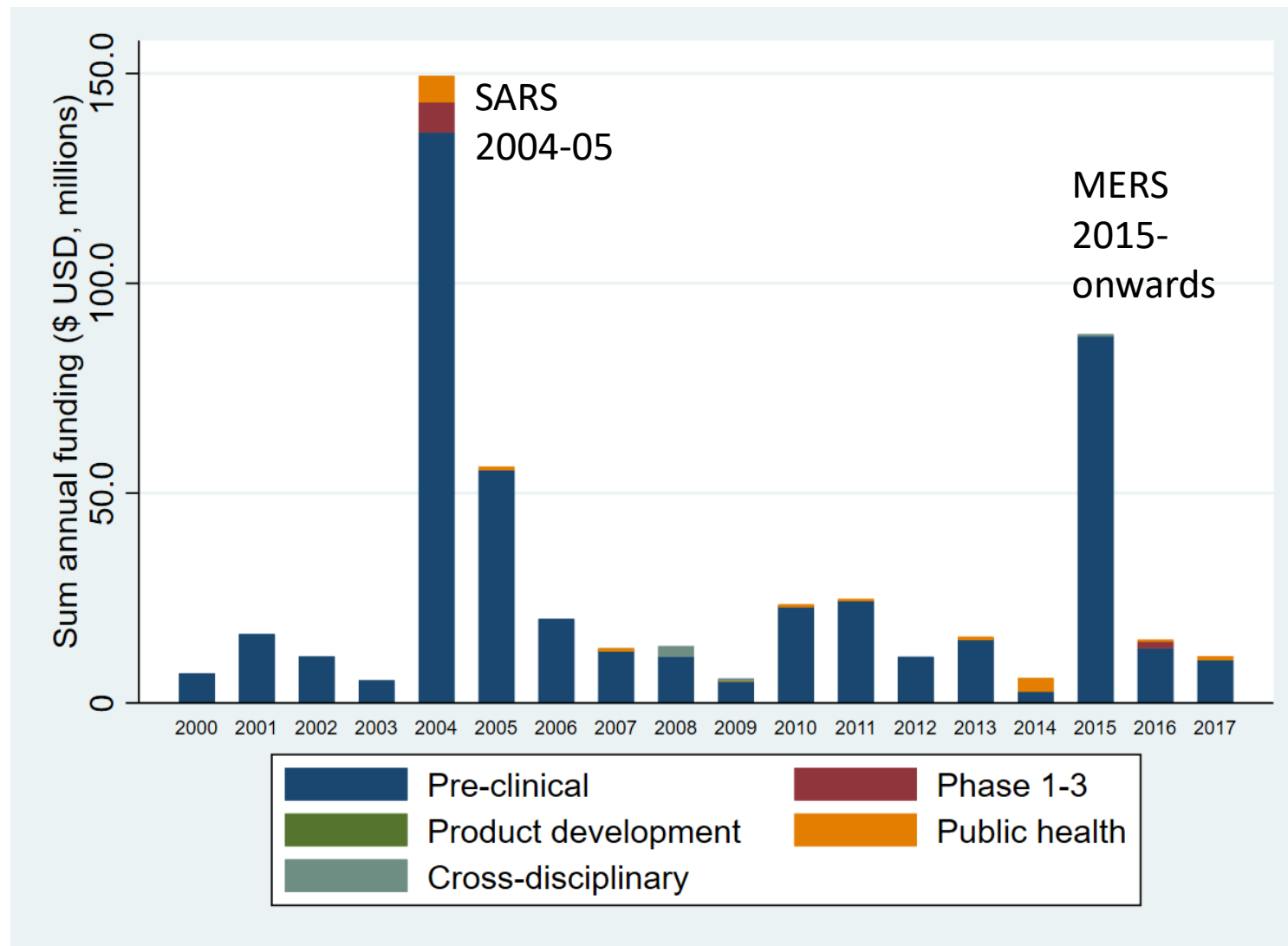
**funding for
infectious disease
research**

0.4%



COVID-19

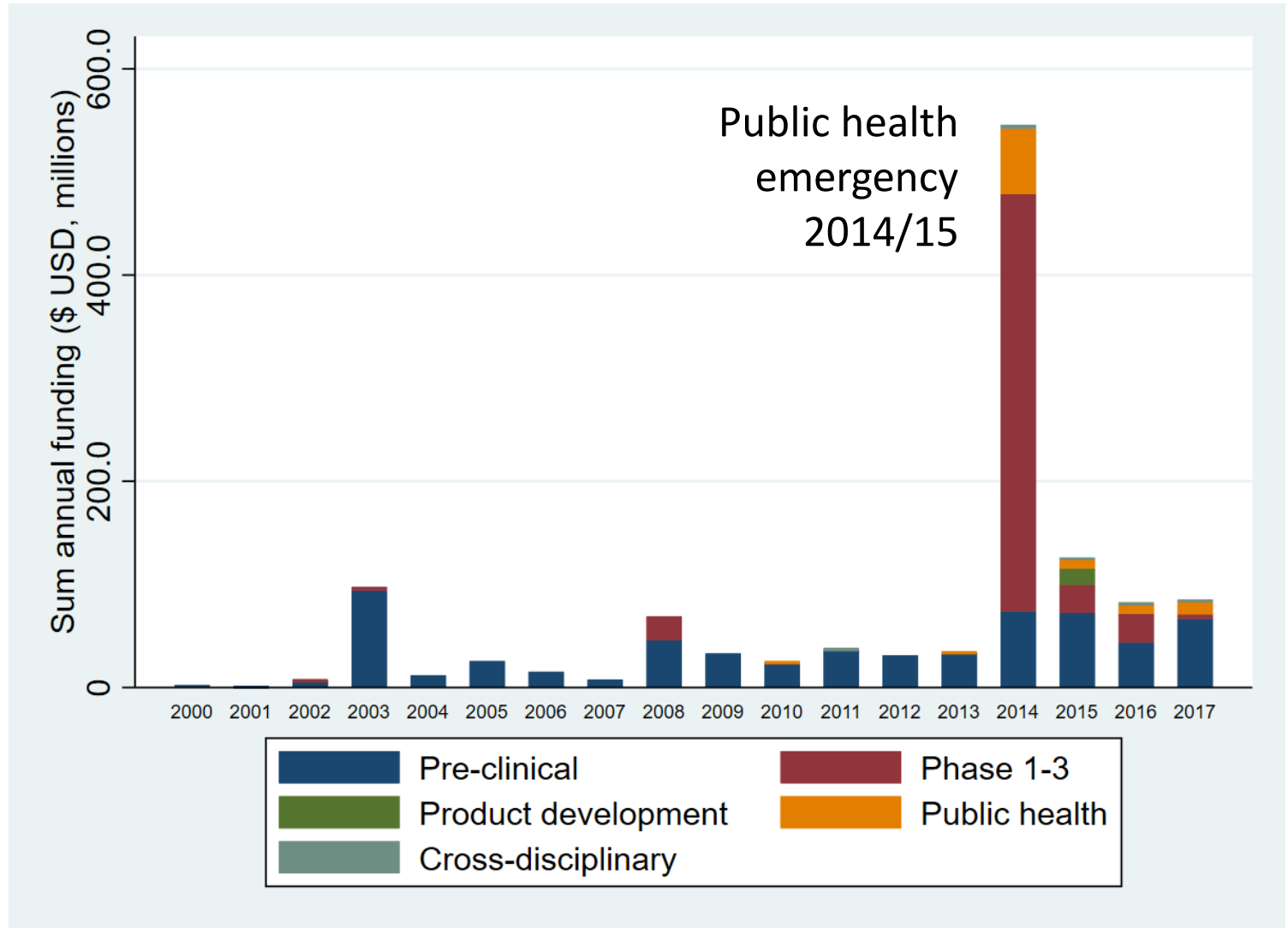
spent on
coronavirus



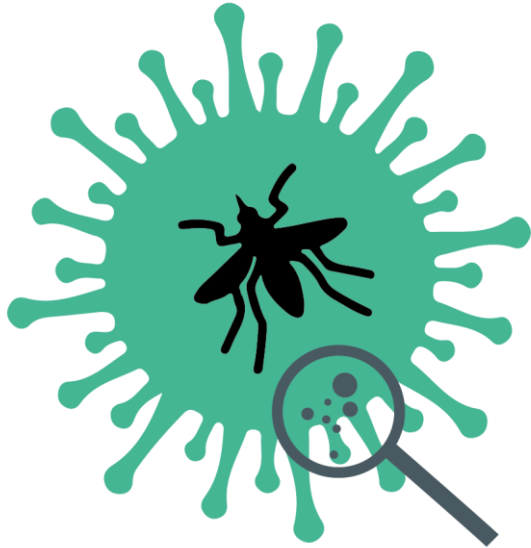
1.1 %



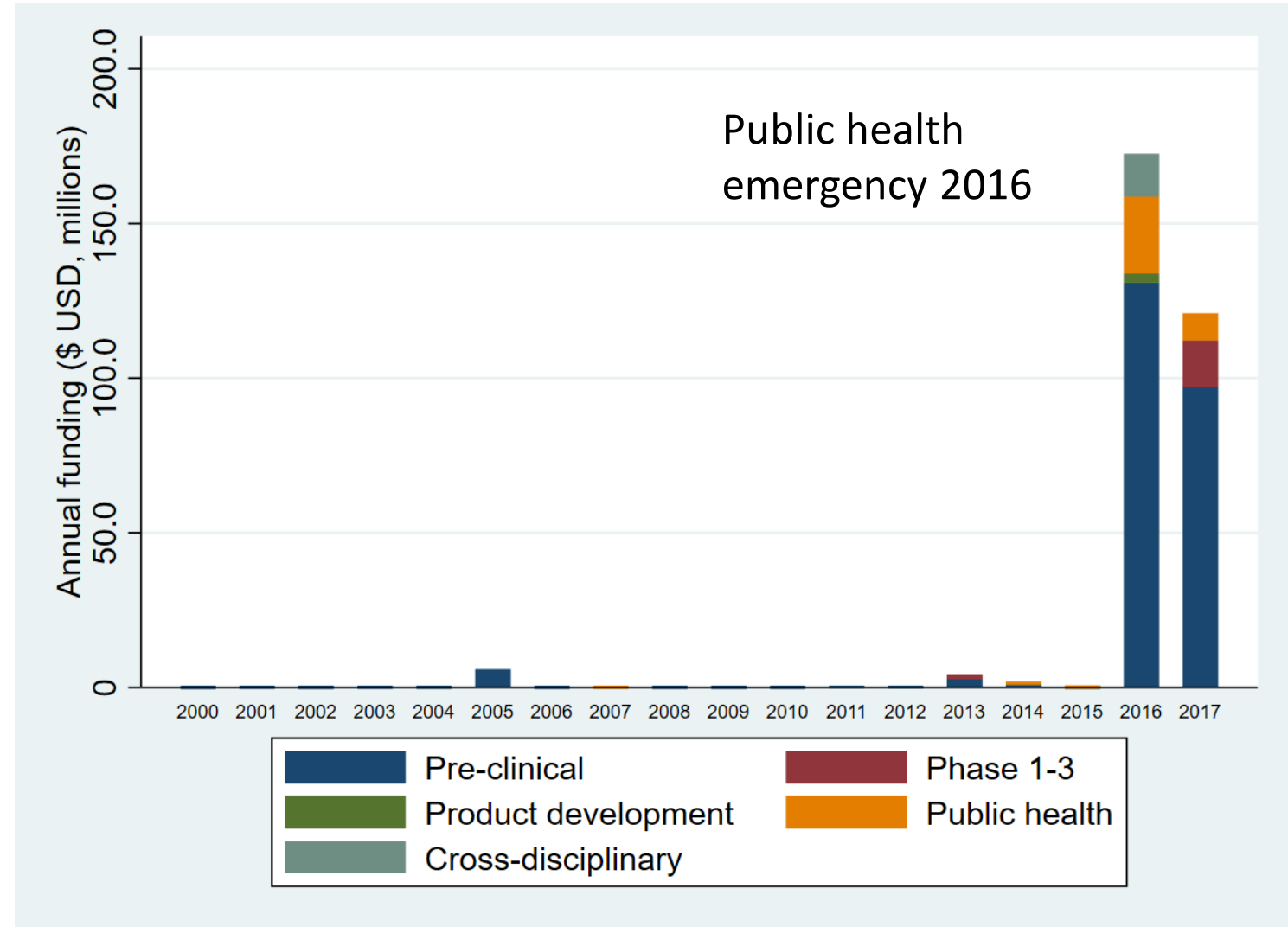
spent on
Ebola virus



0.3%



spent on
Zika virus





**Pandemic
response
research**

**\$3.3 billion
(USD) across
2282 awards
for COVID-19
research**

**More
funding than
all TB/HIV /
malaria
research
combined in
2017**

**\$2.2b for
vaccine
research,
\$0.2b for
drug
development**

**\$0.1b for
behavioural
and social
science
research**

<https://www.the-ciru.com/resin-covid19>

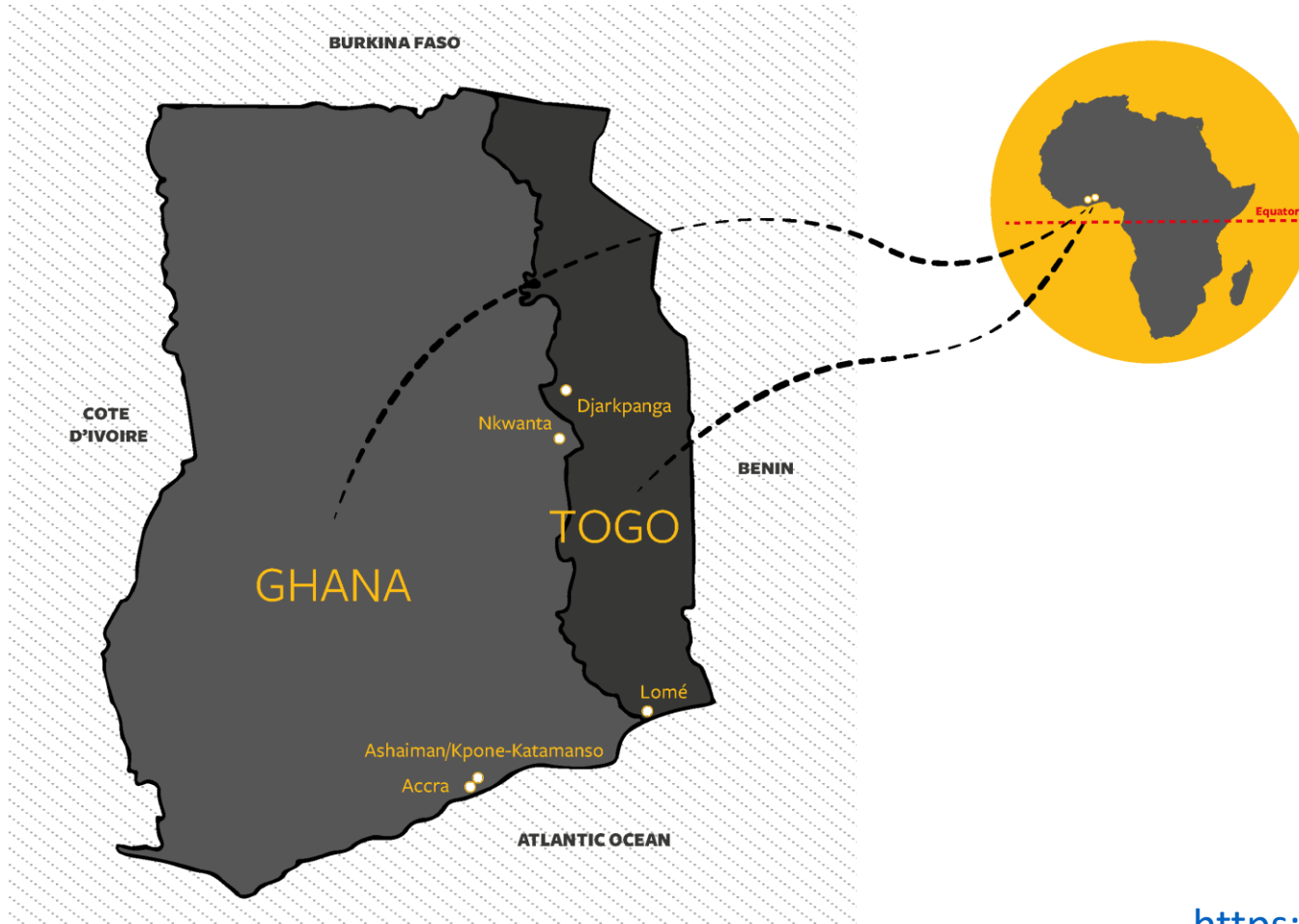
Summary
of RESIN

We in the global health world are reactive. For example - funding is pumped in when there's a problem, not before.

Pandemics provide some fantastic opportunities for researchers to step up (for example, see all my fellow speakers here!)

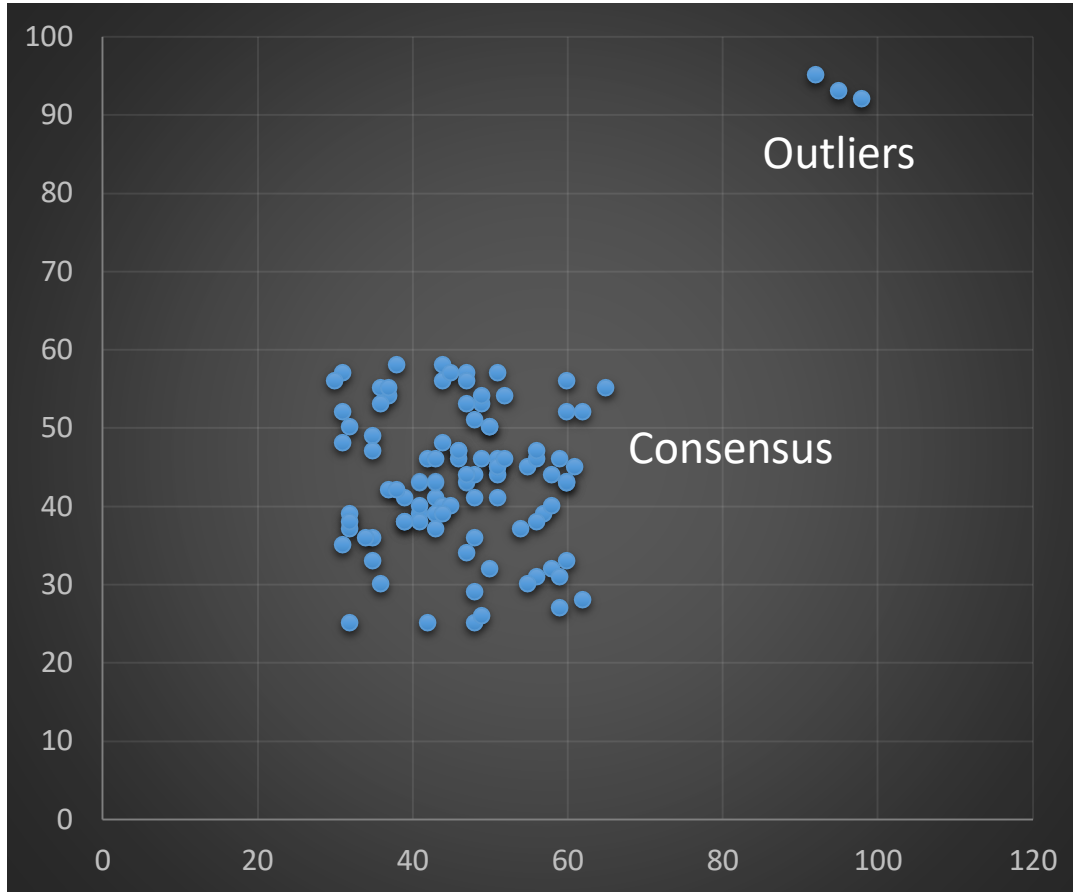
Ultimately, a more proactive horizon-scanning approach about “what’s coming next” is crucial

Preparedness – that’s the key word, and preparedness includes research



- Completed survey of knowledge/attitudes of Ghana population to COVID-19
- Ongoing survey in Togo
- Conversations with decision-makers around their priorities/challenges
- Soon to start – reporting of COVID-like symptoms from mobile phone using appropriate technology
- More later from Dr Ken Brackstone!

<https://www.the-ciru.com/resin-global-health-pandemic>



- Herd immunity – being reported in some places as a ‘split’ between scientists
- Not so – consensus is pretty clear, herd immunity not a viable strategy, just a few ‘outlier scientists’ promoting this view
- Outliers are interesting, but rarely useful for implementing policy and practice
- “Attempts to reach ‘herd immunity’ through exposing people to a virus are scientifically problematic and unethical.” (WHO, October 2020, link below)

<https://www.who.int/news-room/q-a-detail/herd-immunity-lockdowns-and-covid-19>



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