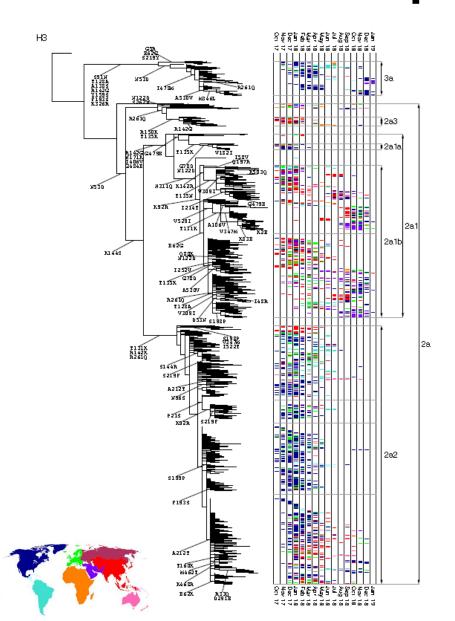


Seasonal Influenza Virus Sharing

Influenza – a rapidly changing virus problem







Pandemic influenza kills:

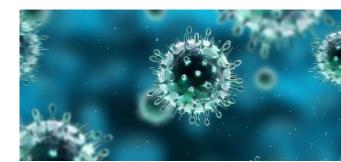
>52 000 000 people

in the past 100 years

Seasonal influenza kills:

290 000 - 650 000 people

every year



Approach to influenza since 1952

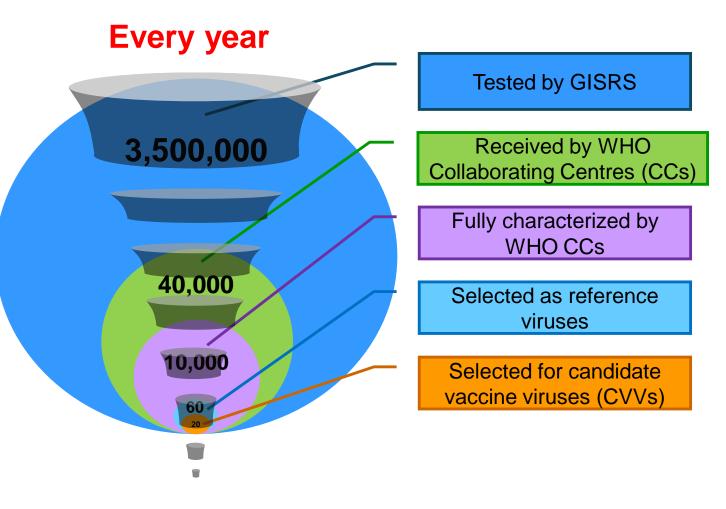




Global Influenza Surveillance and Response System



152 institutions in 115 countries
Several generations of scientists in developing
and developed world

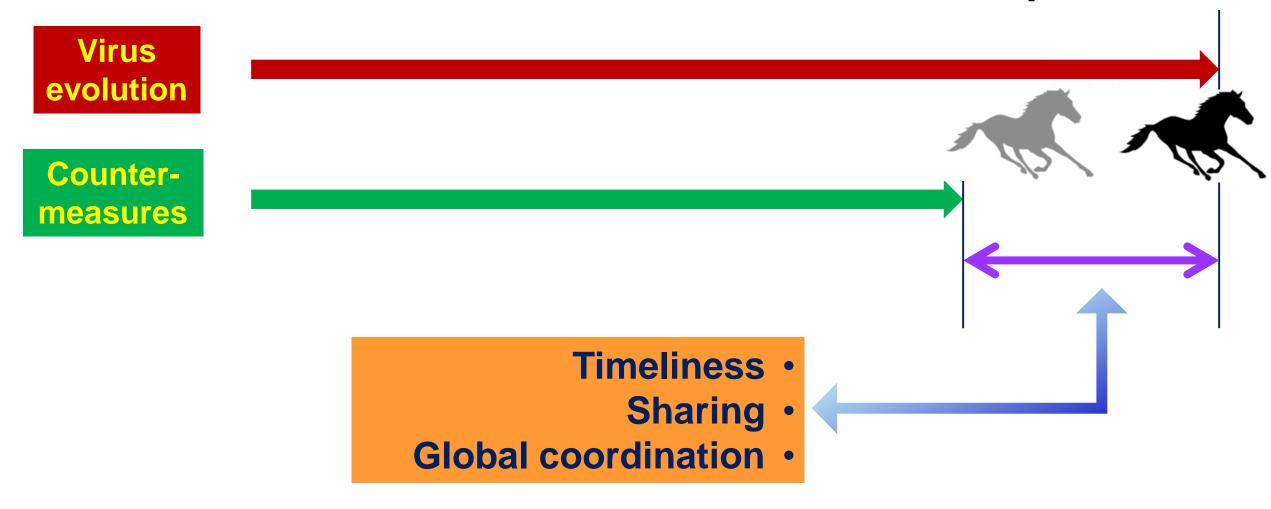


20 from collective work of 3,500,000

Influenza intervention: a race



Virus evolution -vs- Countermeasure development



Country **GISRS World Health Organization** virus flow Diagnostic and vaccine reagents Training/ **Technical GISRS** support benefit flow Knowledge and understanding HO Country aborating entres Guidance/ (Cs) Recommendation, **Protocols** WHO H5 Reference Laboratories Reference **National** Member State virus/vaccine Influenza viruses **Centres** Genetic data in databases e.g. GISAID GISRS **Monitoring** Institutionized and Risk national **GLOBAL INFLUENZA** assessment capacity **SURVEILLANCE &** RESPONSE SYSTEM Uniting the world in the fight against influenza Conntry

Summary



GISRS – a 67-year system, the foundation of influenza surveillance and control, an asset of the world

- Trust and collaboration; continuous virus and information sharing
- Continuous benefit generating and sharing e.g. biannual vaccine composition recommendations, risk assessment
- Terms of Reference committed by national authorities (health ministries)

Seasonal virus sharing is an essential component

- Year-round surveillance, testing, sharing; about 40,000 virus materials shared annually in recent years
- Timeliness and quality of virus sharing → quality of public health products (benefits) that can be generated

A few viruses selected finally for product development is a part of whole GISRS' work in more than 110 countries on > 3.5 million specimens a year

Delay in virus sharing will -

- Undermine GISRS functions established for 67 years
- Compromise quality of deliverables → suboptimal vaccines & delay in vaccine supply

Call for immediate, even if interim, solution to continue (**not to stop**) the long-term ongoing practice over a half-century

