

Synthesis Day 1

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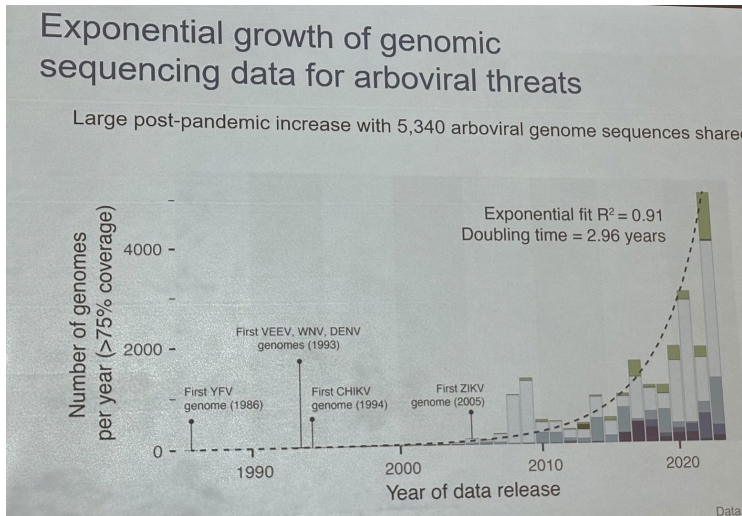
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- Eve Lackritz: Zika Roadmap: No vaccines, no diagnostics, no antenatal test

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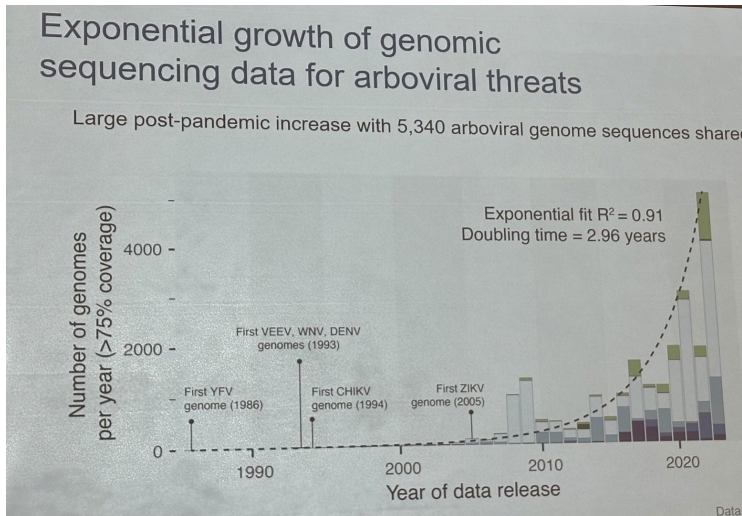
- Tom Scott: **Complexity** → innovation
- Eve Lackritz: Zika Roadmap: No vaccines, no diagnostics, no antenatal test
- Duane Gubler, Laura Kramer, Sylvain Aldighieri, Raman Velayudhan:
Complacency. We know Grey Swans exist, but don't get ready effectively
 - Population growth, urbanization, environmental change
 - WNV rapid expansion then endemicity in US
 - DENV local transmission AZ, CA, TX, FL & France, Italy, Madeira



- Diana Rojas, Eva Harris, Nuno Faria, Lee Ching Ng, Rosanna Peeling/Debi Boeras: Positive future potential
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- Singapore brought all this together:
- Rapid tests, alert the community,
- “Carrot and Stick” ...it works in Singapore!



START YOUR MOZZIE WIPEOUT

- Gabriela Paz-Bailey, Tom Scott, Thais dos Santos, Oliver Brady:

How to better respond

- Complexity is a challenge to diagnostics, vaccines, drugs
- Vaccines are a work in progress: Chik, JE, Yellow Fever, DENV: YES; Zika, WNV: TBD
- Challenges are sporadic outbreaks & complexity, uncertain market

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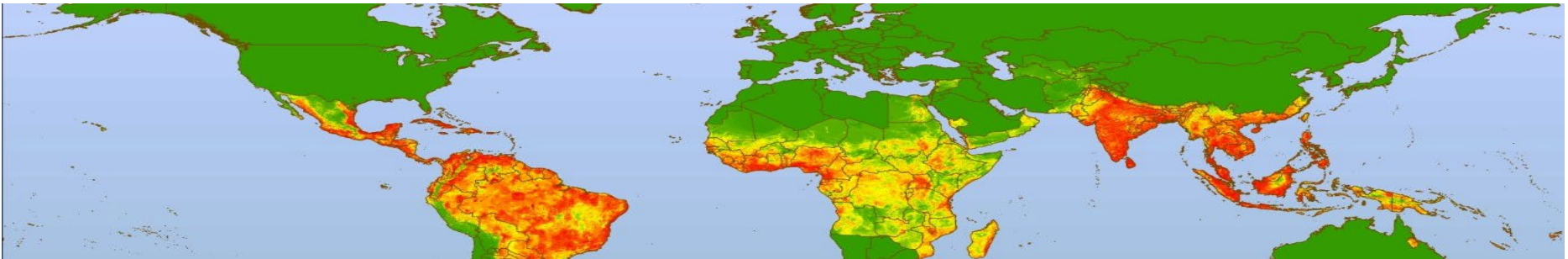
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- Oliver's 'Modeling for Dummies' talk shows why models have value, when they don't, and how to understand them.



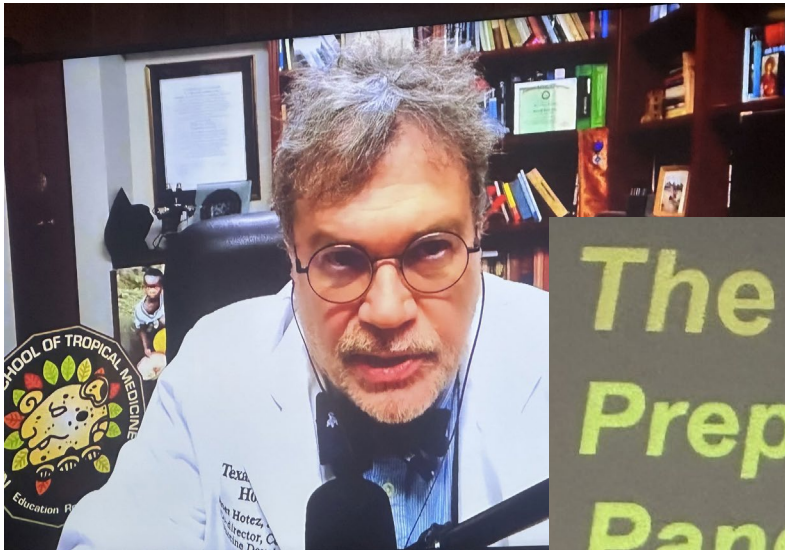
- Erin Staples, Peter Hotez

Lessons Learned

Quotes of the day:

Erin Staples: **“An arbovirologist in every state”** (cf. Hoover’s hog)

Peter Hotez: **“The Arbovirus Tsunami: Preparing for the next pandemic”**



**The Arbovirus Tsunami:
Preparing for the Next
Pandemic**