

AUSTRALIA - BRAZIL

VIRTUAL RESEARCH COLLABORATION

2021 Edition on Covid-19 related research.

Concluding remarks *1st Round Rooms – One Health*

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- Zoonoses Control – *notes by Prof Daniel Paiva*
- The **importance of bringing different scientific areas together** (e. g. environmental science to evaluate genomic data) to improve the way data is interpreted was highlighted.
- **Building capacity on a local level, focusing on infrastructure and training** were some of the suggestions to **overcome limitations for surveillance and large-scale studies** in Brazil.
- A **partnership between Australian and Brazilian attendees was suggested**. In this way, it will be possible to apply for grants with international projects, increasing the chance of getting funding.

P.S.: Use of national networks as possible sources of interaction and possibility to have follow up workshops to enhance connections

- Water and Sewage – *notes by Farhana Rahman and Prof Ashantha Goonetilleke*
- Professor Ashantha Goonetilleke and Professor Gislaine Fongaro were the only participants in this room - Professor Goonetilleke is an Environmental Engineer and Professor Fongaro a virologist. Though they were from completely different disciplines, they were able to find common ground for collaboration.
- Both of them worked on **water pollution and the use of wetlands for water treatment.**
- Consequently, this provided a common platform for collaboration. to-date they have exchanged details about their research interests and potential areas for collaboration.
- They hope to have a **follow up meeting in the immediate future to discuss the next steps** and to essentially to identify what they could do in the short-term.

Livestock and Food Security – notes by Cristina Elsner:

- Discussions led to the idea of a collaborative activity between researchers who participated in this session, in special Professor Ruth, Professor Danielle, Professor Jeffrey, Professor Gislaine and Professor Doris.

The idea is about exploring **artificial intelligence and automation processes to oyster/ fish farming**, along with the implementation of a **computational surveillance system to monitor and control bacterial/ viral contaminants, as well as antibiotic resistance side-effects.**

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THANK YOU / OBRIGADO

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