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WS 20 - Lessons Learned from COVID-19: Preventing Zoonotic Diseases Emergence

Oct. 17, 2022, CEST: 04:00 PM - 05:30 PM / UTC: 02:00 PM - 03:30 PM

Digital Session: <https://youtu.be/qtn9tUhiWmI> (<https://youtu.be/qtn9tUhiWmI>)

Workshop (WS 20) - North America

Over the past 50 years, there has been a significant increase in the emergence of infectious diseases. More than 70% of emerging infectious diseases are zoonoses, diseases caused by germs that spread between wild animals, farm animals and humans. Almost all the pandemics we know of are zoonoses (SARS Cov2, Ebola and COVID-19 to name a few).

These emergences and re-emergences are deeply linked to the pressures exerted on the environment, in particular on natural habitats and biodiversity. These pressures increase contacts between virus reservoirs in wildlife, livestock and humans. 30% of emergences are believed to be due to changes in land use, including deforestation.

The human, health, economic, social cost of the COVID-19 pandemic is enormous. More pandemics are likely in the years / decades to come. Investing in prevention would cost 100 times less than controlling future pandemics.

It is therefore necessary to set up a "one health" approach integrating human health, animal health and environmental health and aimed at preventing the emergence of new infectious diseases and not only seeking to anticipate and slow down their spread. This type of approach will make it possible to implement prevention strategies before human populations start to be affected.

Chairs:

[Dr. Benjamin Roche](#)

Institute of Research for Development (IRD) | Research Director | France

Speakers:

[Dr. Ana Bento](#)

The Rockefeller Foundation | Pandemic Prevention Institute | Director | United States of America

[Prof. Dr. Wanda Markotter](#)

One Health High Level Expert Panel (OHHLEP) | Co-Chair | South Africa

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One Sustainable Health for All Foundation | Secretary-General | France

[Dr. Najat Mokhtar](#)

International Atomic Energy Agency (IAEA) | Deputy Director-General | Austria

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Technical University of Munich (TUM) | Department of Neurology | Center for Global Health at the Technical University of Munich (CGH-TUM) | Co(joint)-Director | Germany

The Lancet One Health Commission | Co-Chair | United Kingdom