

COVID-19: TOWARDS A BIOHAZARD GLOBAL ETHICAL CONTROL FOR A SOCIETAL AND ENVIRONMENTAL RESPONSIBILITY WORLD GOVERNANCE.

Author :

Pierre BRICAGE

retired professor, Health and Societal Sciences, UPPA, Living Systems Evolution, UTLA, Pau, France,
Vice-Président AFSCET, Paris, France, Europe, <https://www.afscet.asso.fr/pagesperso/Bricage.html>
pierre.bricage@univ-pau.fr

Abstract :

Usually common cold is not a danger, but an emergent strain of coronavirus is killing man species. Why did this new virus, named at first 2019-nCoV and then re-named SARS-CoV-2, emerge without anybody being able to identify univocally neither the reservoir nor the vector? Why did it trigger a multi-faced pandemic disease COVID-19? Why does it look like other human infecting viruses? What is the origin of its unique genome? Is it the result of an accidental genome similarity, an evolutionary convergence or a technological artefact? Could it have emerged spontaneously by natural point mutations and wild strains recombinations or isn't a genetic chimaera with artificial potted patches of modified genes? Couldn't it be an engineered biomimetic candidate vaccine? Don't we get the technology to built biomimetic viruses? What lesson could we learn from the study of the scientific and social story of the virus and disease? Is the new virus an avatar of a genetically engineered coronavirus to produce a curative AIDS vaccine (Bricage, 2005)? Why are the arguments in favor of the consensus track of a wild virus being expressed as quickly as possible, in the form of letters, reports and not scientific publications? Why are only the aspects validating this track accepted and published? Why are papers dealing with non-consensual versions always rejected? Isn't it an attempt to hide parts of the reality and to re-write the story of the virus and pandemic? Why such a mess? Don't we need urgently a worldwide control of biohazard engineering to support innovation for disruptive, but controlled technologies (Bricage, 2020)? Isn't a genetic engineering limited transparent certification necessary to preserve the societal future for all coming generations and the environmental future of living systems man species is only a sub-system (Bricage, 2011)?

Keywords :

biohazard control, ethics, evolution, genetics engineering, pandemic, societal and environmental responsibility, virus phylogeny, world moratorium

References :

- Bricage, P., (2005). "The Metamorphoses of the Living Systems: The Associations for the Reciprocal and Mutual Sharing of Advantages and DisAdvantages." UES-EUS world congress, AFSCET, Paris, France, 19 Sept. 2005, *Res-Systemica*, 5(26): 10 p., C.C. free <https://hal.archives-ouvertes.fr/hal-00130685>
- Bricage, P., (2011). "The Social and Environmental Responsibility of Mankind. I. About Man Interventions in the Living Networks: Modelling with a Qualitative Animated Semiological Holistic Point of View, a Systemic Approach, in an Holistic Way of Education to Explain The Issues of the Fighting Steps and the Escalade of Violence between Mankind and the Wild., IASCYS workshop about Social Responsibility, UES-EUS International Congress, Approche Systémique de la Diversité, Bruxelles, Belgique, 22 Oct. 2011, *Acta Europeana Systemica*, 1: 25 p., C.C. free http://aes.ues-eus.eu/aes2011/iascysWS_Bricage_text.pdf
- Bricage, P., (2020). "SARS-CoV-2 and COVID-19: Questions about a world ethical governance for a societal and environmental responsibility in health science research.". IRDO world Congress, Maribor, 4 June 2020, *IRDO Conference Proceeding*, 15: 7p., C.C. free <http://www.irdo.si/irdo2020/referati/b-1-bricage.pdf>