

Infectious Diseases & Endocrinology 2019: Universal vaccine and artificial pandemics by infectious attenuated live vaccine to save people from dangerous new influenza pandemic- Yoshinori Hayakawa- Toin University of Yokohama

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Universal influenza vaccine is proposed and under development. Universal vaccine seems not to be payable for many people in developing countries, (dangerous pandemics usually start at developing countries from bird influenza). Artificial pandemics by infectious attenuated live vaccine are proposed. Ferret nasal mucosa is carcinized using carcinogen for easiness of incubation. Bird influenza virus is attenuated by reverse genetics. The virus is marked by green fluorescent protein. This attenuated virus is sprayed to many cultured cancer cell specimen incubated. In some specimen attenuated virus will mutate to increase in cancer cells, checked by green fluorescence. Then the virus is tested to infect ferret and then human volunteers without serious syndrome. Virus with strongest virus titer to infect ferret is selected as seed virus of infectious attenuated live vaccine.

The seed virus will be increased in incubated cancer cells by bioreactors all over the world and sprayed to vulnerable people, e.g. soldiers, students, people in slams, medical staffs and people engaged in lifeline. Artificial pandemics of dangerous virus as H7N9, H5N1 etc. are to be created serially with few years interval. Artificial pandemic should be initiated before wild type pandemic starts. One reason is to avoid reassortment (mixture) of virus RNA and another is to avoid clinical confusion. It should not overlap with influenza season. All inclusive flu immunization is proposed and being worked on. All inclusive antibody appears not to be payable for some individuals in creating nations, (risky pandemics typically start at creating nations from winged animal flu). Fake pandemics by irresistible constricted live immunization are proposed. Ferret nasal mucosa is carcinized utilizing cancer-causing agent for ease of hatching. Winged creature flu infection is weakened by invert hereditary qualities. The infection is set apart by green fluorescent protein. This constricted infection is splashed to many refined malignancy cell example brooded.

In some example weakened infection will transform to increment in malignancy cells, checked by green fluorescence. At that point the infection is tried to taint ferret and afterward human volunteers without genuine condition. Infection with most grounded infection titer to taint ferret is chosen as seed infection of irresistible lessened live antibody. The seed infection will be expanded in hatched malignant growth cells by bioreactors everywhere throughout the world and showered to

weak individuals, for example officers, understudies, individuals in pummels, clinical staffs and individuals occupied with help. Fake pandemics of perilous infection as H7N9, H5N1 and so on are to be made sequentially with not many years stretch. Counterfeit pandemic ought to be started before wild sort pandemic beginnings. One explanation is to maintain a strategic distance from reassortment (blend) of infection RNA and another is to keep away from clinical disarray. It ought not to cover with flu season.

Infectious attenuated live influenza vaccine of candidate virus of new influenza pandemic is to be distributed to many people. Artificial pandemic happens as people have no immunity against it. Resultantly, they will obtain basic immunity to the virus. So wild type outbreak of pandemic does not occur. Even if wild type human to human transfer occurs, the scale is of seasonal influenza and number of victims are much less. It should be started as it is ready. If artificial pandemic overlaps with wild type pandemic, reassortation (mixture) of RNA may happen in patients' cell infected to both of them simultaneously. It should avoid influenza season of winter as well by the same reason. If infection is done intensively, artificial pandemic will be finished within 2 month all over the world (initiate on April or September). It will not increase virulence as 1918 Spanish influenza did during long period of transmission. Especially vulnerable people, e.g., soldiers, students, people in slums, medical staffs, and people engaged in lifelines, policemen, firemen, and officials of politics are to be eagerly infected by spray of live vaccine virus on the nose. As Infectious Live Attenuated Vaccine is incubated in nasal mucosal cancer, airborne transmission seems to be dominant and strongly infectious between people. Method to increase infectious attenuated vaccine and to distribute all over the world. Quality of Infectious attenuated live influenza vaccine should be kept assured concerning its infectivity, effectiveness against wild bird influenza, and minimal virulence. If once low quality infectious vaccine were infected to men, it will result pandemic with miserable result.