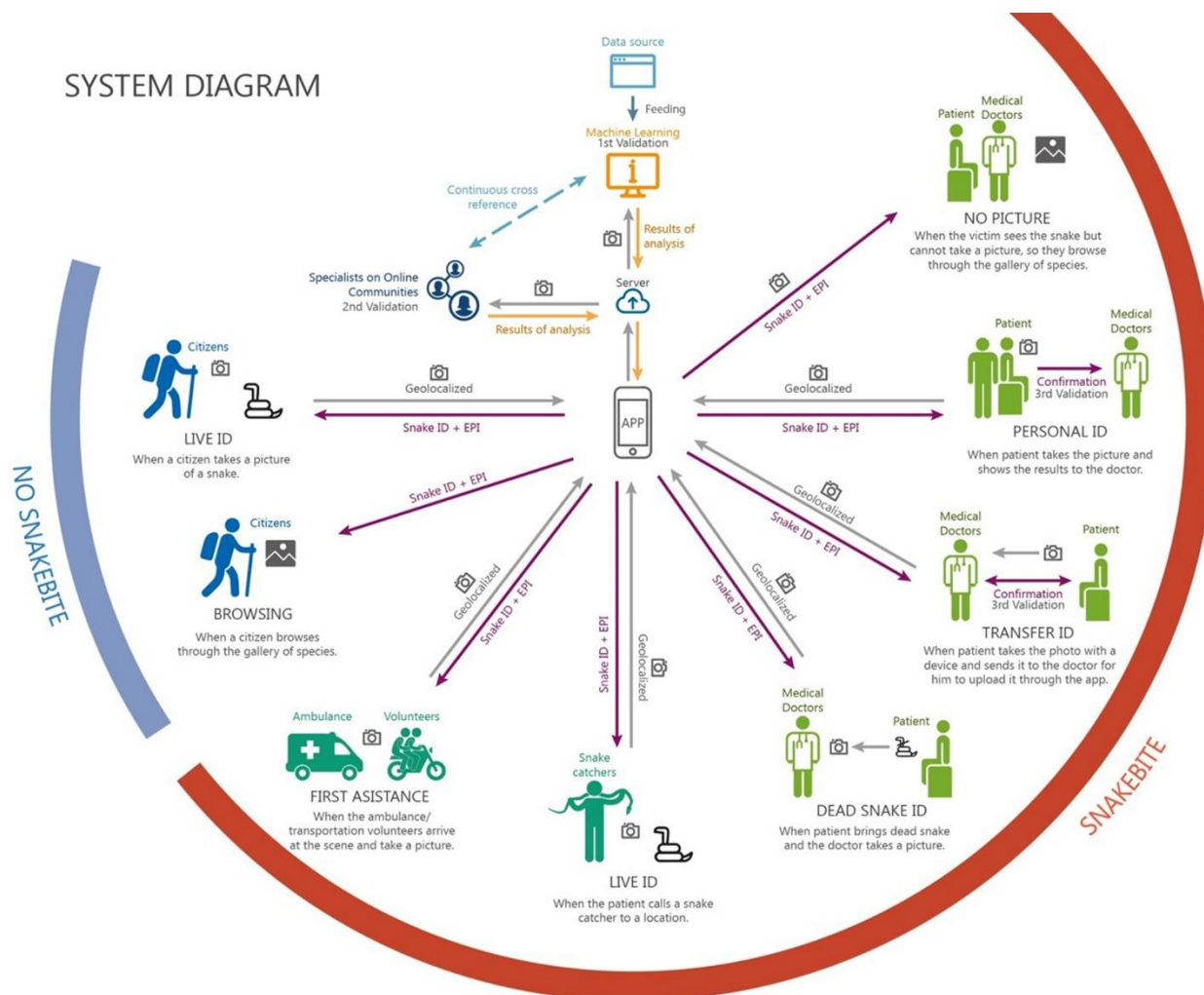**Project: « *Snapp: First medical decision-support tool for snake identification based on artificial intelligence and remote collaborative expertise* "**
Principal Investigators: Dr. I. Bolon, Dr. R. Ruiz de Castañeda, Institute of Global Health, Faculty of Medicine, UNIGE

Graphical representation of the medical decision-support tool for snake identification (Snapp)

This diagram illustrates different scenarios where the app could be used for snake identification in context of snake encounters involving or not snakebite (in red and blue semicircles, respectively). Each scenario has been validated with experts in snakebite and represent real-life situations where the app could be used. Users of the app will take a photo of the snake and the system will provide a taxonomic identification (Snake ID) using artificial intelligence and remote collaborative expertise, as well as basic eco-epidemiological information (EPI, for instance distribution and habitat of the snake identified).

This diagram has been developed in collaboration with the following experts:
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- Dr. Gabriel Alcoba, MD, MSF and Service of Tropical and Humanitarian Medicine, HUG
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- Dr. Jose Luis Fernandez, Computer scientist, Cytizen Cyberlab, UNIGE

Diagram created by V. Macalupu, F. Amrouche, XL-Zhang and C. Zhou with the supervision by Dr. R. Ruiz de Castaneda, Dr. I. Bolon during the SDG Summer School 2017 supported by Geneva-Tsinghua Initiative