



Data integration and processing of Infectious Disease events

Kanteron Systems has developed a platform that integrates medical imaging (PACS-RIS), digital pathology (WSI), clinical genomics (NGS data analysis workflows), and creates for medicine with fully integrated technical precision LIMS automatic reports procedures. All this patient-centric data can be easily integrated in HIS systems and use HL7 standard protocols.

Once this data is integrated both at a workflow level and at a patient level, it can then form part of larger population health and epidemiologic alert systems for an efficient processing of infectious disease events.

Dengue burden2:

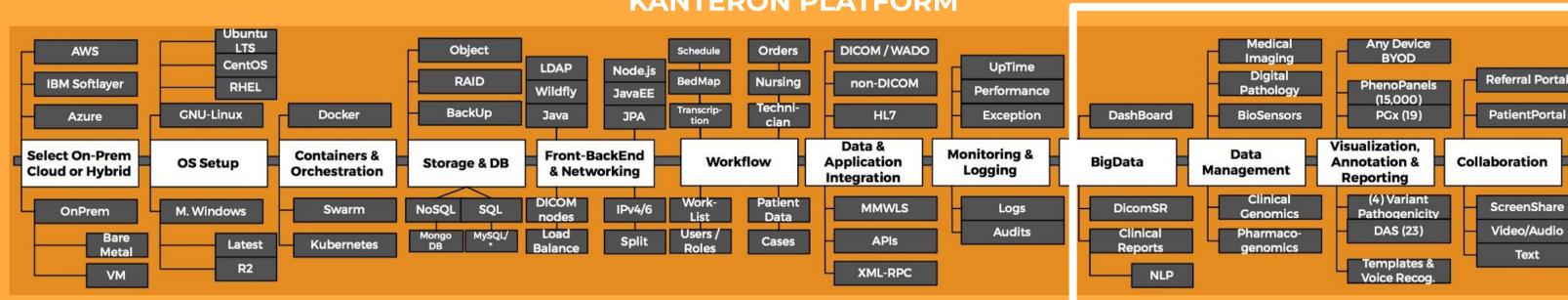
Dengue (DENV):

Summary

References

- https://wwwnc.cdc.gov/eid/articl
- e/25/4/18-0958_article https://www.ncbi.nlm.nih.gov/p mc/articles/PMC3905968/
- https://genomebiology.biomedc entral.com/articles/10.1186/s1305 9-016-0907-2
- https://journals.plos.org/plosone/ article?id=10.1371/journal.pone.0 083386

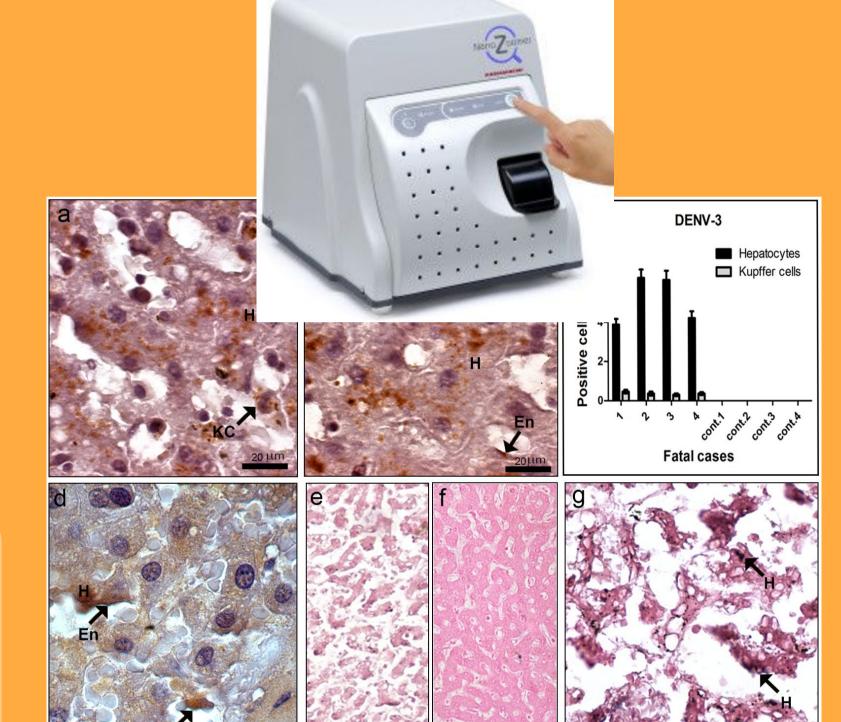
KANTERON PLATFORM

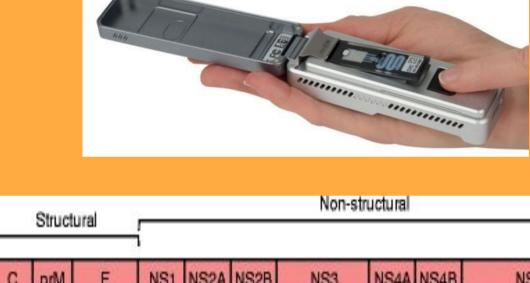


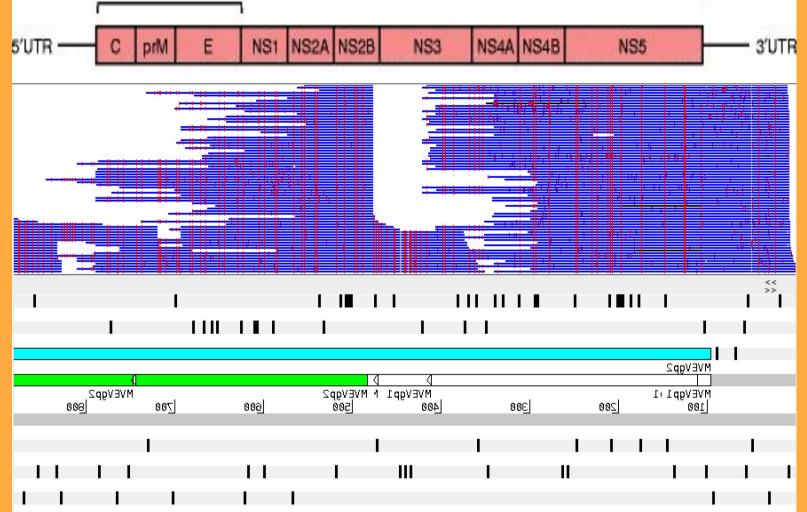
DATA INTEGRATION AND PROCESSING

Digital Pathology (immunochemistry) 4:

Genomics 3:







STORE, INTEGRATE, ANALYZE, VISUALIZE





