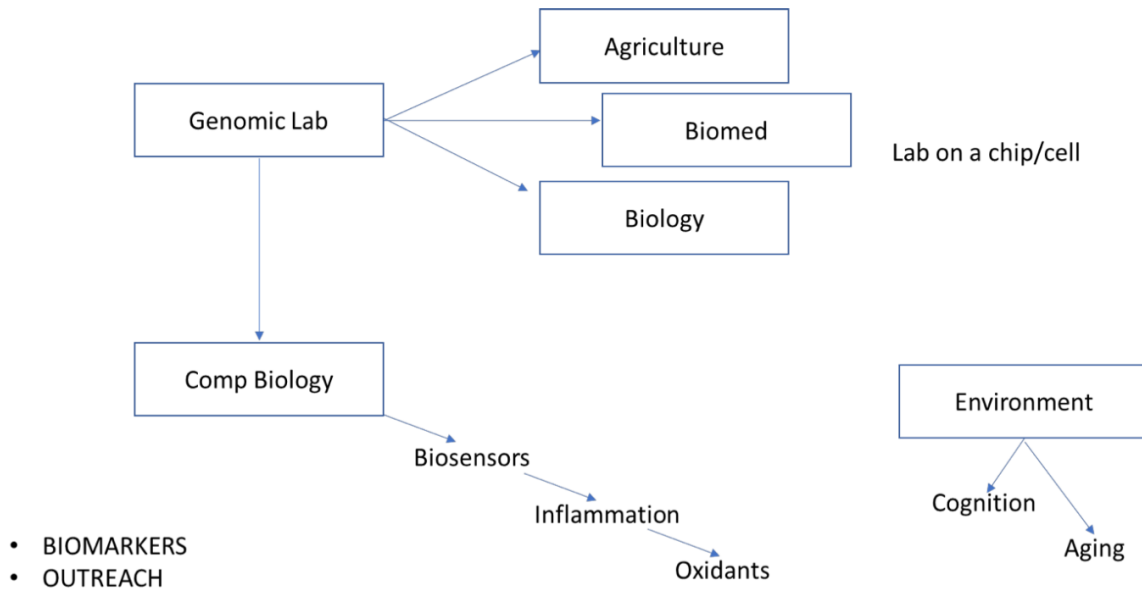


Table 3: IDEA CHART



- Conversation initiative was taken by Dr. Bishop, inviting ideas from colleagues.
- Dr. Newman suggested/proposed research related to aging and human health and the need for a Genomic Lab, calling for ideas to justify this need.
- Dr. Bishop suggested the proposal encompasses agriculture.
- NB: Genomic lab idea deemed solid by majority but with branches in computational biology, biomed and engineering example: Lab on a chip/cell
- Dr. Jacob collated all ideas on the white board.
- Dr. Arumugam suggested environmental and toxic exposure effects in an accelerated study rather than long term. Emphasis was on epigenomics rather than genomics.
- NB: Dr. Jacob grew into conversation after Dr. Prabhu's proposal
- Biosensor theme brought up by Dr. Arumugam, strongly seconded by Dr. Newman, who connected dots by integrating environmental factors with biosensing.
- Fine-tuned idea: Biosensor for detecting oxidants implicated in biological processes including inflammation.
- Premise: Effects of environment are not detected early enough for interventions to take place. There is the need for biomarker development for early detection of genetic and epigenetic elements.
- Viable area of collaboration was summed up by Dr Newman as: Environmental Surveillance of Pathogens
- This ended the conversation after the first session
- During second session, Dr. Jacob and Dr. Bishop drew links between the proposed idea and cognition.

Notes by Abdul-Razak Masoud