**Figure 5 chart - An integrated approach to omics transcript:**

(all in word bubbles)

Genomics:

* Familia genetic testing
* Risk assessment
* Genome editing

Microbiomics:

* Alteration of risk of developing HF and other CV disease

Metabolomics:

* Risk assessment
* Measuring response to therapy

Digital Technological Advances:

* Electronic Medical Records
* Machine learning
* Predictive algorithms
* Sensor technology

Proteomics:

* Measuring response to therapy
* High-throughput multiplex approaches

Pharmacogenomics:

* Avoidance of adverse drug effects
* Treatments based on genotype

Epigenomics:

* Modification of pathologic processes
* Novel biomarkers

(arrow points to following text)

New Insights into pathophysiology of HF

Novel therapeutics for HF

New molecular sub-phenotypes of HF

(arrows point to following text)

Novel precision medicine approaches for treatment of HF