

## SAPIEN BIOSCIENCES

- Sapien Biosciences is a Bio-bank led R&D organization with focus on Biomarker discovery and Diagnostics development
- Sapien's association with Apollo hospitals help diagnostics, pharma and drug discovery companies to do collaborative research using ethically bio-banked patient samples
- Patients are benefited by availability of cutting edge diagnostics through Sapien in Apollo network and beyond



**Samples collected as per ICMR guidelines at par with any International Guidelines**

De-identified, coded samples in case of Prospective Collection  
With informed consent in case of Prospective Collection



Ethically  
approved samples  
with peace of mind  
for researcher

## ASSOCIATED DATA TO EMPOWER RESEARCH

- 50,000 patients' FFPE blocks and acquiring ...  
Tumor as well as adjacent non-tumor

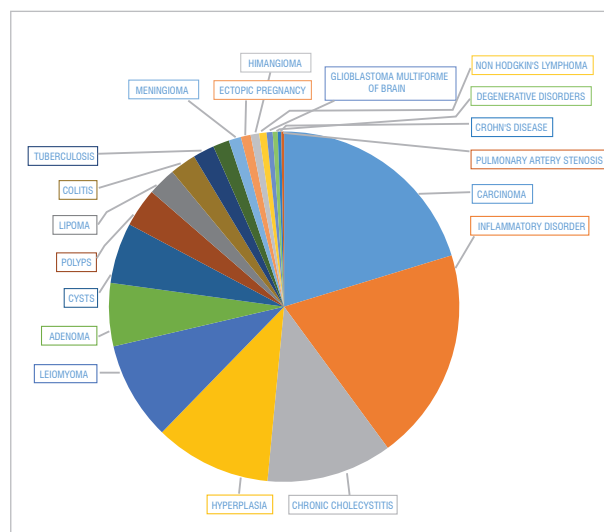
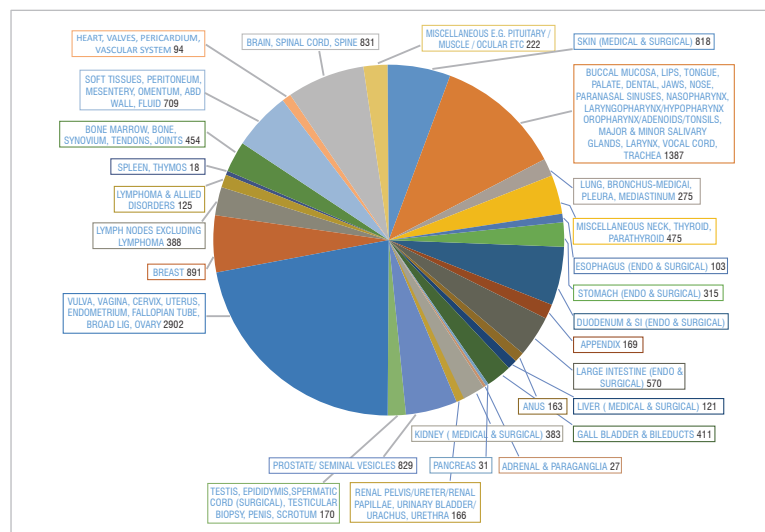
- Fresh tumor and adjacent non-tumor samples
- Hematological tumors
- Blood, Plasma, Serum
- Saliva, Urine, BAL, Pleural fluid, synovial fluid etc.
- Non-diseased specimens

- Serum / Blood / Urine - With extremely rich demographics and biochemical data

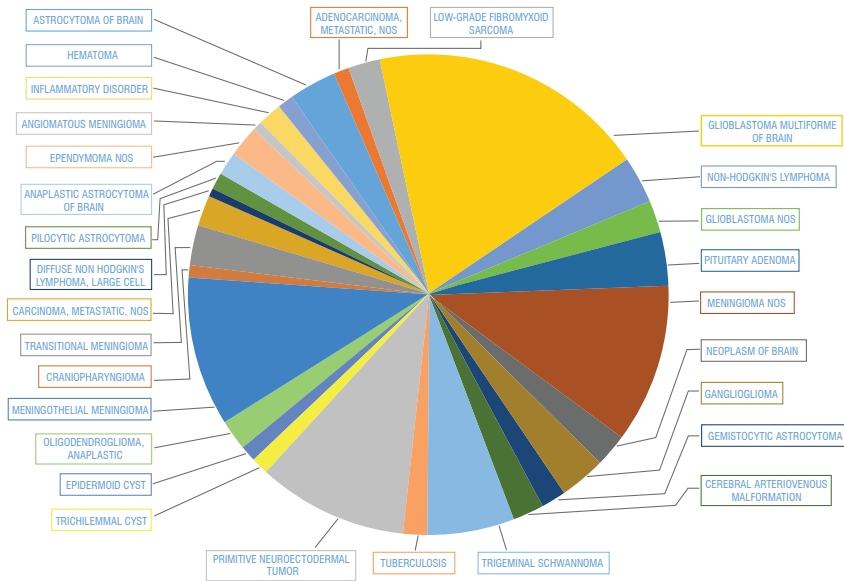


- Sapien Bio-bank has over 50,000 patient samples banked in its facility and access to over 0.5 million samples spread across
- Apollo network over the last 5 to 10 years that can be retrieved on priority for studies
- Bioinformatics and IT infrastructure to accommodate BIG data being put in place.
- Most samples have associated diagnostic data including pathology reports, treatment, outcome & recurrence.
- Tissue tracking database implemented: First instance of caTissue Plus (Open Specimen, Krishagni) implementation in India.

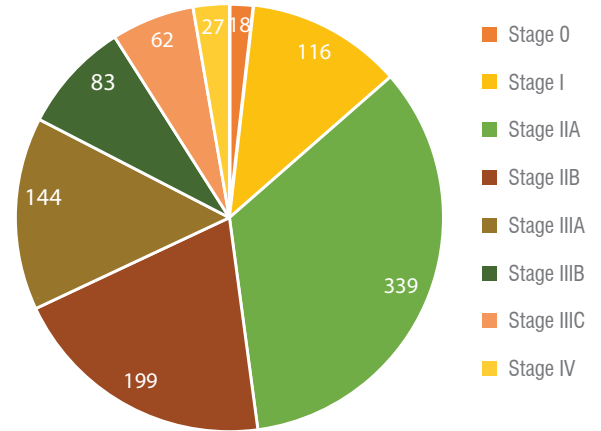
## DISEASE TYPES



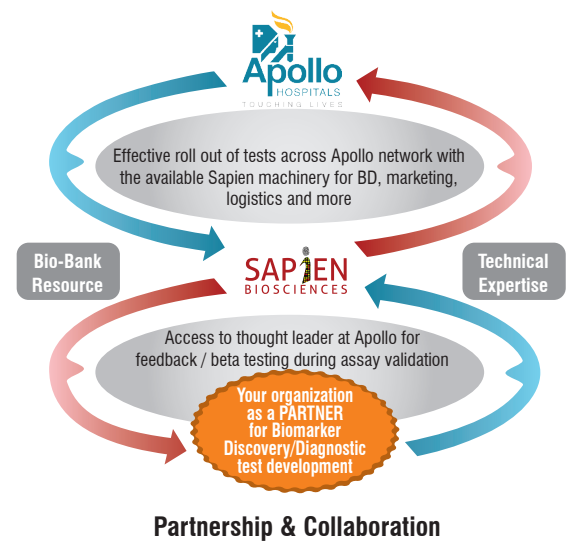
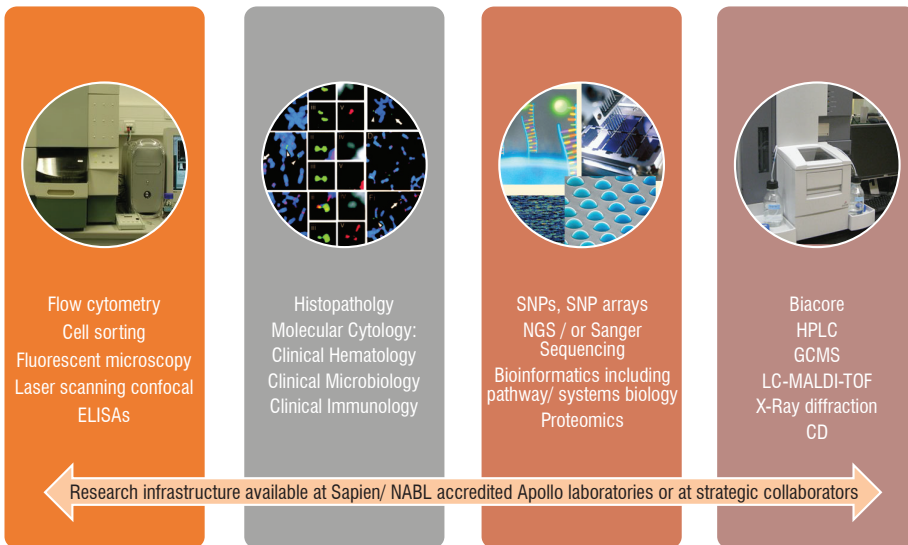
## DIVERSITY - BRAIN CANCER SAMPLES



## DIVERSITY - STAGES: BREAST CANCER



## YOUR PARTNER IN RESEARCH



## The Apollo advantage

Apollo, with its large expanse and by the mere number of patients that it sees, is an abundant resource of diseased tissue samples.

Apollo ecosystem also has an honest will to use them for betterment of mankind by contributing to diagnostics and drug development and also offering these new drugs / diagnostics for their patients by bringing them to India.

### FY14 at Apollo hospitals

<b>325,000 +</b> Admissions	<b>3,000,000</b> Out-Patients	<b>250,000 +</b> Preventive Health Checks
<b>10,000</b> Heart Surgeries	<b>5,000 +</b> Joint Replacements	<b>13,000</b> Neuro Surgical Operations
<b>500</b> Robotic Surgeries	<b>1,000 +</b> Kidney Transplants	<b>375</b> Liver Transplants
<b>120</b> Countries Medical Valve Travel	<b>150</b> Bone Marrow Transplants	<b>150,000 +</b> Radiotherapy Sessions <b>42,000 +</b> Chemotherapy Sitzings



### Explore with **SAPIEN** BIOSCIENCES

How we can help with prospective sample collections for your study specific requirements

**CUSTOM SAMPLE  
ACQUISITION**



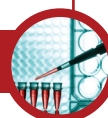
How our curated FFPE blocks & data collection can help validate your hypothesis

**TISSUE BANK**



How we can help in drug discovery research using patient derived discovery platforms

**DISCOVERY  
PLATFORM**



How we can partner with you to bring KOLs on board & launch your test @ Apollo

**VALIDATION &  
LAUNCH**



Contact us @

Phone: +91-40-6557-0007, +91-40-6558-0008

E-mail: [Info@sapienbio.com](mailto:Info@sapienbio.com)

**Sapien Biosciences Private Limited**  
Apollo Healthcare, Jubilee Hills,  
Hyderabad - 500096