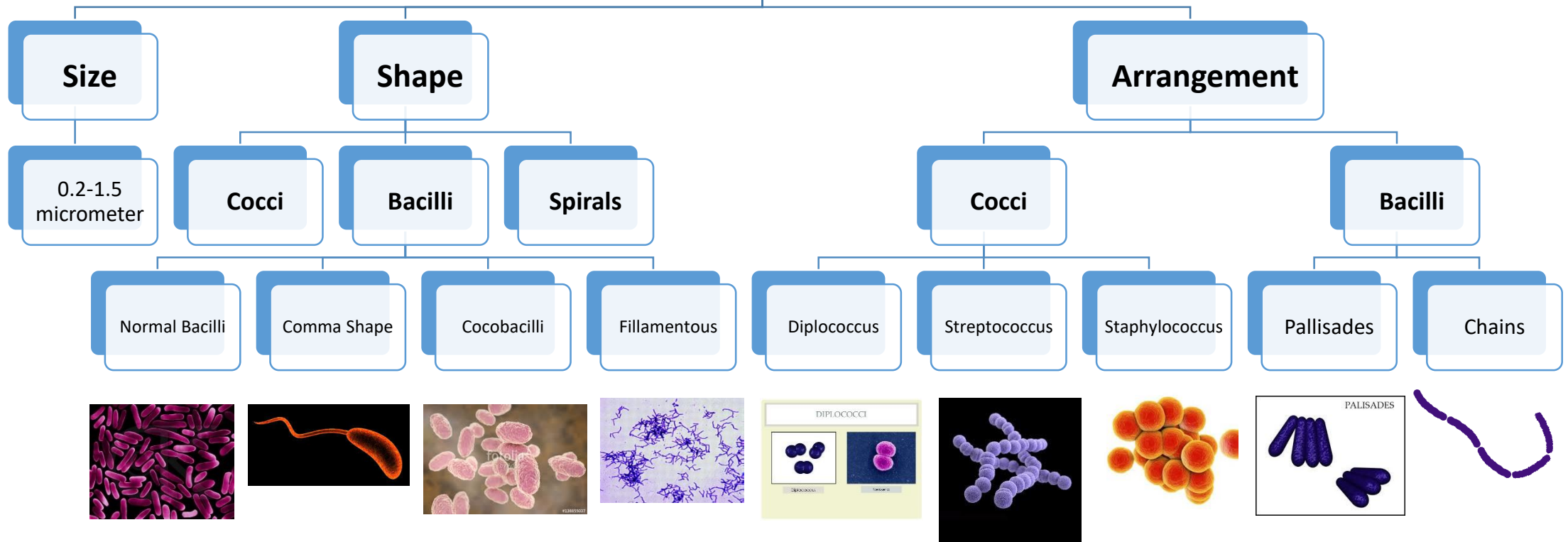
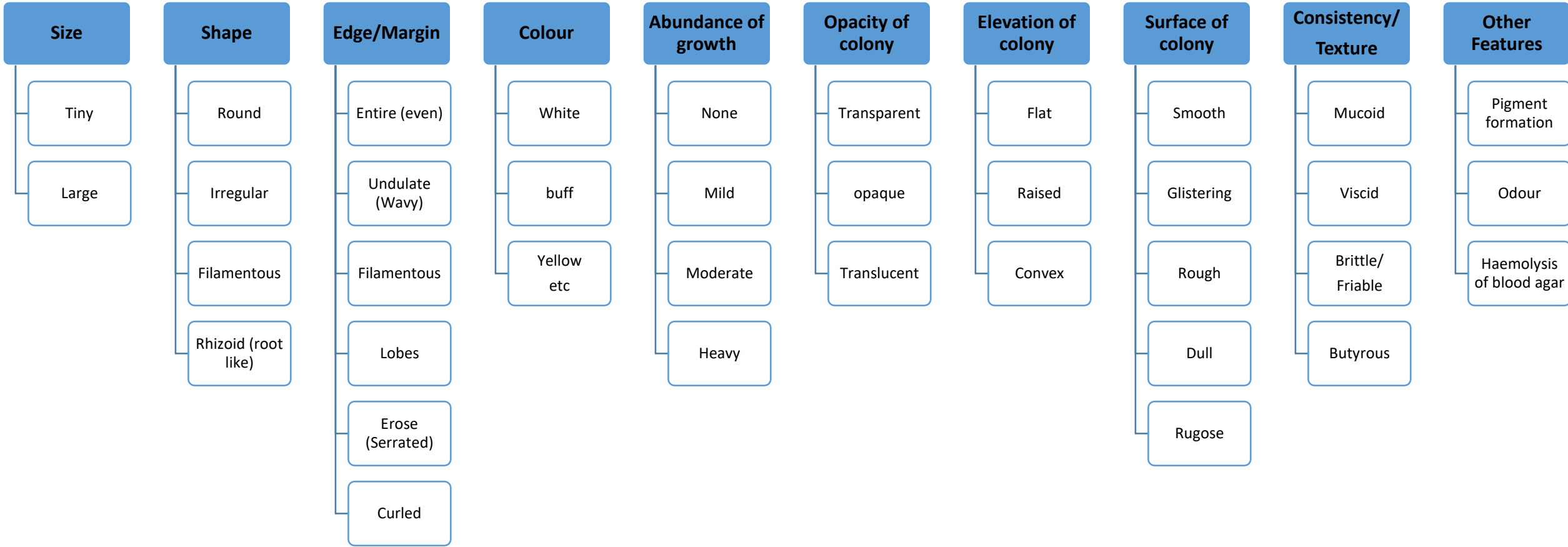


# Bacterial Morphology

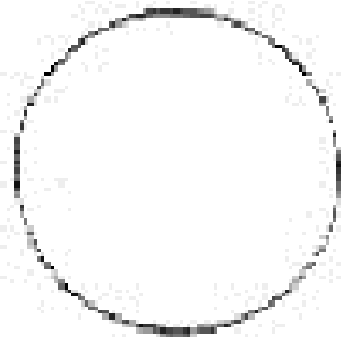
# Bacterial Morphology (Microscopy)



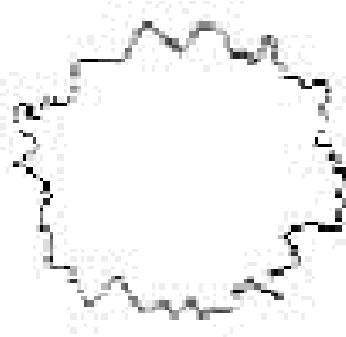
# Bacterial Culture characteristics (Macroscopy)



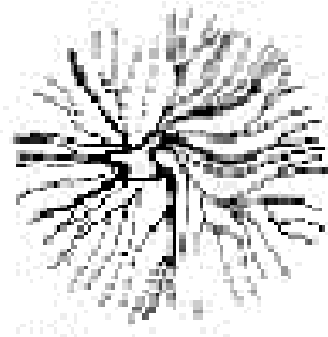
## COLONY SHAPE



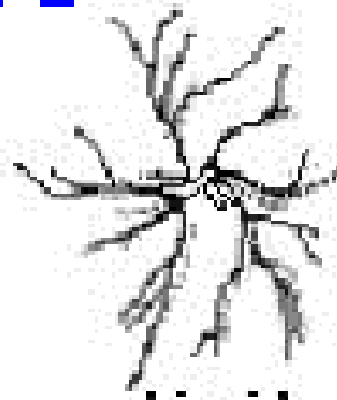
**round**



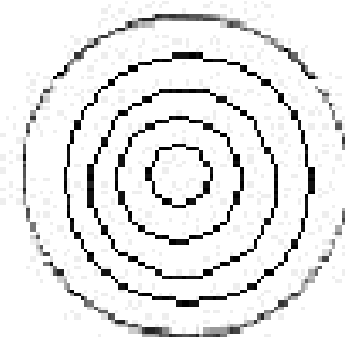
**irregular**



**filamentous**



**rhizoid**



**curled**

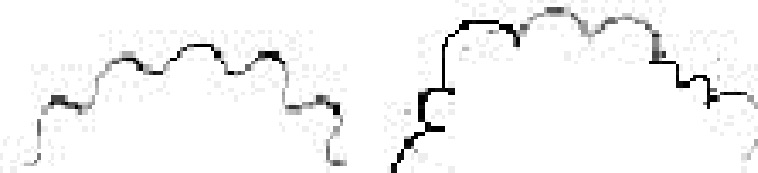
## COLONY EDGE/MARGIN



**entire**



**filamentous**



**undulate**

**lobate**

**irregular**

## COLONY ELEVATION



**raised**



**flat**



**convex**



**umbonate**



**growth into  
medium**

# Types of culture media

```
graph TD; A[Types of culture media] --> B[Based on consistency]; A --> C[Based on function]; B --> D[Solid media]; B --> E[Semi-solid media]; B --> F[Liquid media]; B --> G[Biphasic media]; C --> H[Basal media]; C --> I[Enriched media]; C --> J[Selective media]; C --> K[Differential media/indicator media]; C --> L[Transport media];
```

## Based on consistency

Solid media

Semi-solid media

Liquid media

Biphasic media

## Based on function

Basal media

Enriched media

Selective media

Differential media/indicator media

Transport media