

CQ-0: What are the fundamental tissues?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf tissue:Tejido;
               rdfs:label ?name .}
```

CQ-1: What are the type of glandular epithelial tissue?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                  tissue:TejidoEpitelialGlandular;
               rdfs:label ?name .}
```

CQ-2: What are the type of glandular epithelial tissue according the nature of the secretion?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                  tissue:NaturalezaSecrecion;
               rdfs:label ?name .}
```

CQ-3: What are the type of glandular epithelial tissue according the secretion mechanism?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                  tissue:MecanismoDeSecrecion;
               rdfs:label ?name .}
```

CQ-4: What are the type of glandular epithelial tissue according the morphology of adenomero?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
```

```
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                tissue:MorfologiaAdenomero;
              rdfs:label ?name .}
```

CQ-5: What are the type of glandular epithelial tissue according the number of conduits?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                tissue:NumeroConductos;
              rdfs:label ?name .}
```

CQ-6: What are the type of epithelial tissue?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf tissue:TejidoEpitelial;
              rdfs:label ?name .}
```

CQ-7: What are the type of epithelial tissue according to number of layers?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf tissue:NumeroCapas;
              rdfs:label ?name .}
```

CQ-8: What are the types of connective proper tissue?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
```

```
tissue:TejidoConectivoAdultoPropiamenteDicho;  
      rdfs:label ?name}
```

CQ-9: What are the layers present in the heart?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>  
PREFIX owl: <http://www.w3.org/2002/07/owl#>  
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>  
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>  
PREFIX organ: <https://w3id.org/def/Organ#>  
SELECT ?s ?name  
      WHERE { ?s rdfs:subClassOf  
                organ:TunicaCorazón;  
                rdfs:label ?name . }
```

CQ-10: What are the human system of interest?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>  
PREFIX owl: <http://www.w3.org/2002/07/owl#>  
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>  
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>  
PREFIX system: <https://w3id.org/def/System#>  
SELECT ?s ?name  
      WHERE { ?s rdfs:subClassOf  
                system:Sistema;  
                rdfs:label ?name}
```

CQ-11: What are the cardiovascular system's components?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>  
PREFIX owl: <http://www.w3.org/2002/07/owl#>  
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>  
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>  
PREFIX system: <https://w3id.org/def/System#>  
SELECT ?s ?name  
      WHERE { ?s rdfs:subClassOf  
                system:SistemaCirculatorio;  
                rdfs:label ?name}
```

CQ-12: Which are the elastic arteries?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>  
PREFIX owl: <http://www.w3.org/2002/07/owl#>  
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>  
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>  
PREFIX organ: <https://w3id.org/def/Organ#>  
SELECT ?s ?name  
      WHERE { ?s rdfs:subClassOf  
                organ:OrganoArteriaElastica;  
                rdfs:label ?name}
```

CQ-13: What are the elastic arteries?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s organ:esTunicaDe
                organ:OrganoCorazon;
                rdfs:label ?name .}
```

CQ-14: What are the layers present in the Vein?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:TunicaVasosSanguineos;
                rdfs:label ?name .}
```

CQ-15: Which are the type of arteries?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:OrganoArteria;
                rdfs:label ?name}
```

CQ-16: What are the layers present in the Artery?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:TunicaVasosSanguineos;
                rdfs:label ?name .}
```

CQ-17: Which are the muscular arteries?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:OrganoArteriaMuscular;
                rdfs:label ?name}

```

CQ-18: What are the layers present in the Arterioles?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:TunicaVasosSanguineos;
                rdfs:label ?name .}

```

CQ-19: What are the type of veins?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:OrganoVena;
                rdfs:label ?name}

```

CQ-20: Which are the vein big caliber?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:OrganoVenaGranCalibre;
                rdfs:label ?name}

```

CQ-21: Which are the vein medium caliber?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

```

```

PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:OrganoVenaMedianoCalibre;
      rdfs:label ?name}

```

CQ-22: Which are the vein small caliber?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:OrganoVenaPequeñoCalibre;
      rdfs:label ?name}

```

CQ-23: What are the layers present in the Arteries of small caliber?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:TunicaVasosSanguineos;
      rdfs:label ?name .}

```

CQ-24: What are the type of capillaries?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:OrganoCapilar;
      rdfs:label ?name}

```

CQ-25: What are the type of organs?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>

```

```

PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:OrganoTipo;
                rdfs:label ?name}

```

CQ-26: Which are the heart's regions?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:Region;
                rdfs:label ?name}

```

CQ-27: Which are the heart's sectors?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:Sector;
                rdfs:label ?name}

```

CQ-28: What are the type of embryonic connective tissue?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                tissue:TejidoConectivoEmbrionario;
                rdfs:label ?name .}

```

CQ-29: What are the type of specialised connective tissue?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name

```

```

WHERE { ?s rdfs:subClassOf
tissue:TejidoConectivoEspecializado;
rdfs:label ?name .}

```

CQ-30: What are the type of adult proper connective tissue?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
WHERE { ?s rdfs:subClassOf
tissue:TejidoConectivoAdultoPropiamenteDicho;
rdfs:label ?name .}

```

CQ-31: What are the type of muscle tissue?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
WHERE { ?s rdfs:subClassOf
tissue:TejidoMuscular;
rdfs:label ?name .}

```

CQ-32: What are the type of striated muscle tissue?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
WHERE { ?s rdfs:subClassOf
tissue:TejidoMuscularEstriado;
rdfs:label ?name .}

```

CQ-33: Which are the nervous tissue?

```

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
WHERE { ?s rdfs:subClassOf
tissue:TejidoNervioso;
rdfs:label ?name .}

```


CQ-34: What are the type of nervous tissue by components?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                tissue:TejidoNerviosoComponente;
                rdfs:label ?name .}
```

CQ-35: What are the type of nervous tissue by anatomical distribution?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX tissue: <https://w3id.org/def/Tissue#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                tissue:TejidoNerviosoDistribucionAnatomica;
                rdfs:label ?name .}
```

CQ-36: Which are the pericardium's layers?

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX organ: <https://w3id.org/def/Organ#>
SELECT ?s ?name
      WHERE { ?s rdfs:subClassOf
                organ:TunicaCorazónPericardio;
                rdfs:label ?name}
```