**Research Topics(Second level) -**

**راسبى الترم الأول من المستوى الثانى**

1. **EndocrineModule:**

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| **Items** | **Subtitles** |
| 1. **Thyroid Enlargement**
 | * Describe the anatomy &amp; development of thyroid gland.
* Describe the physiology of thyroid gland.
* Describe histological structure of thyroid gland.
* Mention the thyroid hormones.
* Goiter:
* Definition.
* Types.
* Etiology and pathogenesis of each type
* Gross and microscopic picture of each type.
* Prognosis of each type.
* Complications.
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| 1. **Diabetes Mellitus**
 | * Describe the anatomy &amp; development of pancreas.
* Describe the physiology of pancreas.
* Describe the Ultrastructure of endocrine &amp; exocrine portion ofpancreas.
* Mention the pancreatic hormones.
* Definition and types of diabetes mellitus.
* Pathology and complications of diabetes mellitus.
* Laboratory diagnosis &amp; treatment of diabetes mellitus.
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| 1. **Pituitary Adenoma**
 | * Describe the anatomy &amp; development of pituitary gland.
* Describe the physiology of pituitary gland.
* Describe the ultrastructure of pars distalis of pituitary gland.
* Mention the pituitary hormones.
* Regarding pituitary adenoma mention:
* Classification and types.
* Gross picture.
* Microscopic picture.
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