**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. |
| 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. |
| 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. |