|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Hypothalamic** | **Pituitary** | **Conventional****Endocrine Systems** | **Others** |
| **cAMP** | CRHGHRH | FSHLHACTHTSHMSHADH (V2) | PTHCalcitoninGlucagon | hCG |
| **cGMP** |  |  | ANPBNP | EDRF |
| **IP3** | GnRHTRH | OxytocinADH (V1) | Angiotensin II | Histamine (H1)Gastrin |
| **Intracellular****Receptor** |  |  | ProgesteroneEstrogenTestosteroneCortisolAldosteroneT3/T4Vitamin D |  |
| **Receptor****Tyrosine Kinase** |  |  | Insulin | IGF-1FGFPDGFEGF |
| **Nonreceptor****Tyrosine Kinase** |  | ProlactinhGH |  | Cytokines(IL-2, IL-6, IFN)G-CSFePOtPO |