

## Endo/Repro Drug List

### Hypothalamus & Pituitary Gland

- Growth hormone/insulin-like growth factor replacements
  - Somatropin
  - Somatrem (GH)
  - Sermorelin (GHRH)
  - Hexarelin
  - Ghrelin (investigational)
  - Mecasermin
- Agents that Decrease Growth Hormone Secretion or Action
  - Octreotide
  - Somatostatin
  - Pegvisomant
- Agents that Decrease Prolactin Levels
  - Bromocriptine
  - Pergolide
  - Quinoglides
  - Cabergoline
- Agents that Test Thyroid Function
  - Thyrotropin (TSH)
- Agents that Test Thyrotrope Function
  - Protirelin (TRH)
- Agents that Test Adrenal Function
  - Corticotropin (ACTH)
  - Cosyntropin (ACTH 1-24)
- Agents that Test Corticotrope Function
  - Corticorelin (CRH)
- Agents that Alter Gonadotropin Expression
  - Gonadorelin
  - Goserelin
  - Histrelin
  - Leuprolide
  - Nafarelin
  - Ganirelix
  - Cetrorelix
  - Abarelix
- Gonadotropin Mimics
  - Follitropin (rFSH)
  - Urofollitropin (FSH)
  - Chorionic gonadotropin (hCG)
  - Menotropin (hMG)
- Posterior Pituitary Hormones
  - Oxytocin
  - Vasopressin

- Desmopressin
- Vasopressin Antagonists
  - Conivaptan
  - Tolvaptan

## Thyroid Gland

- Thyroid Hormone Replacements
  - Levothyroxine (T4)
  - Thyroxine
  - Liothyronine (T3)
  - Triiodothyronine
- Iodide Uptake Inhibitors
  - Perchlorate
  - Thiocyanate
  - Pertechnetate
- Inhibitors of Organification and Thyroid Hormone Release
  - $^{131}\text{I}^-$  (Radioactive iodide)
  - Iodide (high concentrations)
  - Propylthiouracil (PTU)
  - Methimazole
- Inhibitors of Peripheral Thyroid Hormone Metabolism
  - Beta blockers (e.g., propranolol)
  - Calcium channel blockers (e.g., diltiazem)
  - Iodate

## Adrenal Gland

- Glucocorticoid Receptor Agonists
  - Prednisone
  - Prednisolone
  - Methylprednisolone
  - Dexamethasone
  - Hydrocortisone
  - Fluticasone
  - Beclomethasone
  - Flunisolide
  - Triamcinolone
  - Budesonide
  - Betamethasone
  - Cortisone
  - Paramethasone
- Glucocorticoid Receptor Antagonists
  - Mifepristone (RU-486)
- Inhibitors of Glucocorticoid Synthesis
  - Mitotane
  - Aminoglutethimide
  - Metyrapone

- Trilostane
  - Ketoconazole
- Mineralocorticoid Receptor Agonists
  - Fludrocortisone
  - Deoxycorticosterone
- Mineralocorticoid Receptor Antagonists
  - Spironolactone
  - Eplerenone
- Adrenal Sex Steroid
  - Dehydroepiandrosterone (DHEA)

## Reproduction

- Gonadotropin-Releasing Hormone (GnRH) Agonists
  - Gonadorelin
  - Goserelin
  - Histrelin
  - Leuprolide
  - Nafarelin
- Gonadotropin-Releasing Hormone (GnRH) Antagonists
  - Cetrorelix
  - Ganirelix
- Inhibitors of Peripheral Testosterone Conversion to DHT
  - Finasteride
- Inhibitors of Aromatase
  - Anastrozole
  - Letrozole
  - Exemestane
  - Formestane
- Selective Estrogen Receptor Modulators (SERMS)
  - Tamoxifen
  - Clomiphene
  - Raloxifene
  - Toremifene
- Estrogen Receptor Antagonists
  - Fulvestrant
- Androgen Receptor Antagonists
  - Flutamide
  - Spironolactone
  - Cyproterone Acetate
- Progesterone Receptor Antagonists
  - Mifepristone (RU-486)
  - Asoprisnil
- Estrogens
  - Diethylstilbestrol
  - Estradiol
  - Estriol

- Estrone
- Progestins
  - Hydroxyprogesterone acetate
- Combination Estrogen-Progestin Contraception
  - Estrogens
    - Ethinyl estradiol
    - Mestranol
  - Progestins
    - Norgestrel
    - Levonorgestrel
    - Norethindrone
    - Norethindrone acetate
    - Ethynodiol
    - Norgestimate
    - Gestodene
    - Desogestrel
    - Drospirenone
- Progestin-Only Contraceptives
  - Norgestrel
  - Norethindrone
  - Medroxyprogesterone acetate
  - Etonogestrel
- Abortifacients
  - Mifepristone (RU486)
  - Mifepristone + Misoprostol (prostaglandin analog)
- Androgens
  - Danazol
  - Fluoxymesterone
  - Nandrolone
  - Stanozolol
- Androgens Used for Hormone Replacement
  - Testosterone enanthate
  - Testosterone cypionate
- Antiandrogens
  - Bicalutamide
  - Cyproterone acetate
  - Nilutamide

## Endocrine Pancreas

- Alpha-Glucosidase Inhibitors
  - Acarbose
  - Miglitol
  - Voglibose
- Exogenous Insulin
  - Lispro ultra-rapid acting
  - Regular short acting

- Semilente short acting
- NPH intermediate acting (isophane)
- NPL
- Lente intermediate acting
- Ultralente long acting
- Glargine long acting
- Aspart
- Extended zinc
- Detimir
- Glulisine
- Insulin zinc suspension
- Protamine zinc
- Insulin Secretagogues
  - Acetohexamide
  - Chloropropamide
  - Tolazamide
  - Tolbutamide
  - Glimepiride
  - Glipizide
  - Glibenclamide (Glyburide)
  - Gliclazide
  - Gliquidone
  - Nateglinide
  - Repaglinide
- Insulin Sensitizers
  - Thiazolidinediones (TZDs)
    - Pioglitazone
    - Rosiglitazone
    - ~~Troglitazone~~ (withdrawn from market)
  - Biguanides
    - Metformin
- GLP-1 Agonists and Mimetics
  - Exenatide
  - Sitagliptin
- Diazoxide
  - Diazoxide
- Somatostatin Analogues
  - Octreotide
- Exogenous Glucagon
  - Glucagon

#### Bone Mineral Homeostasis

- Hormone Replacement Therapy
  - Estrogen + Progestin
- Selective Estrogen Receptor Modulators (SERMs)
  - Raloxifene

- Tamoxifen
- Bisphosphonates
  - Alendronate
  - Ibandronate
  - Pamidronate
  - Risedronate
  - Etidronate
  - Zoledronic acid
- Calcitonin
  - Salmon Calcitonin
- Bone Anabolic Agents
  - Once-daily PTH(1-34)
  - Fluoride
  - Strontium ranelate
- Oral Phosphate Binders
  - Aluminum hydroxide
  - Calcium carbonate
  - Calcium acetate
  - Sevelamer
- Vitamin D and Analogues
  - Calcifediol (25(OH)D)
  - Calcitriol [1,25(OH)<sub>2</sub>D<sub>3</sub>]
  - Cholecalciferol (vitamin D<sub>3</sub>)
  - Doxercalciferol [1alpha-(OH)D<sub>2</sub>]
  - Ergocalciferol (vitamin D<sub>2</sub>)
  - Paricalcitol [19-nor-1,25(OH)<sub>2</sub>D<sub>2</sub>]
- Calcimimetic
  - Cinacalcet
- Calcium
  - Calcium gluconate
  - Calcium carbonate

Hormones that are pharmacologically relevant, but not considered here:

Angiotensin II

Erythropoietin

IGF-1

Epinephrine