Erratum to: Hormones and the Endocrine System

Textbook of Endocrinology

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Erratum to:
B. Kleine, W.G. Rossmanith, *Hormones and the Endocrine System*,
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The parts/sections listed below have been replaced by the following corrections:

Chapter 4:

Page 41, Line 18
β2-Agonists, stimuli of the β2-catecholamine receptor, induce GH release presumably by stopping SST secretion.

Page 48, Footnote 9
SST secretion is inhibited by the pancreatic polypeptide (PP) (section 4.10.6; Kim W, et al., FEBS Letters, 588:3233–3239)

Page 89, Footnote 28
Vasotocin regulates oocytes maturation and ovulation in fish. (Joy KP, Chaube R (2015) Vasotocin – A new player in the control of oocyte maturation and ovulation in fish. Gen Comp Endo 221:54–63)

The updated original online version for this chapter can be found at DOI 10.1007/978-3-319-15060-4_4

B. Kleine, W.G. Rossmanith, *Hormones and the Endocrine System*,
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Chapter 6:

Fact sheet 6.6

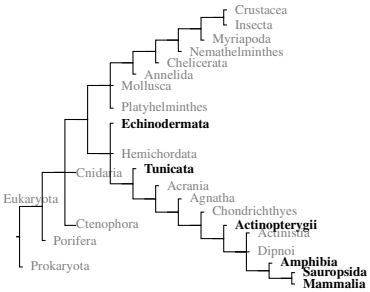
Fact sheet 6.6: 5α-Reductase

Structure: no crystallization reported, member of the isoprenylcysteine carboxyl methyltransferase (ICMT) family

Gene: SRD5A1: Chromosome 5 locus p15.3, 5 exons
SRD5A2: Chromosome 2 locus p23, 5 exons

Topology: ER membrane protein; SRD5A1: widely distributed; SRD5A2: preferentially in androgen target tissue

Function: reduces testosterone to dihydrotestosterone (type 2), progesterone to dihydroprogesterone and androstenedione to androstanedione



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Chapter 7:

Page 244, Figure 7.3

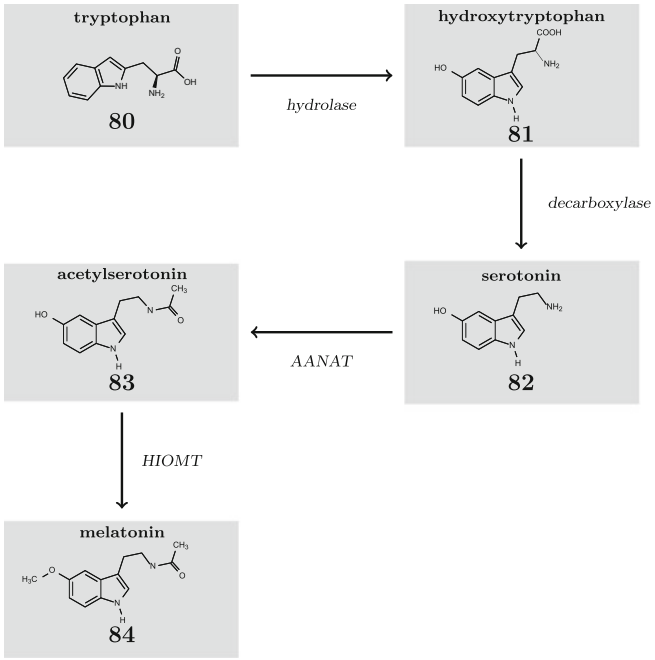

Fig. 7.3 Melatonin synthesis from L-tryptophan. *AANAT* arylalkylamine *N*-acetyltransferase, *HIOMT* hydroxyindole *O*-methyltransferase

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