



## **Author Correction: Characterisation and localisation of the endocannabinoid system components in the adult human testis**

John Nielsen, Antoine D. Rolland, Ewa Rajpert-De Meyts, Christian Janfelt, Anne Jørgensen, Sofia Winge, David M. Kristensen, Anders Juul, Frédéric Chalmel, Bernard Jégou, et al.

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# Author Correction: Characterisation and localisation of the endocannabinoid system components in the adult human testis

John E. Nielsen, Antoine D. Rolland, Ewa Rajpert-De Meyts , Christian Janfelt, Anne Jørgensen , Sofia B. Winge, David M. Kristensen, Anders Juul, Frédéric Chalmel, Bernard Jégou & Niels E. Skakkebaek

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-019-49177-y>, published online 19 September 2019

This Article contains errors. Reference 51 was inadvertently omitted and is given below as Reference 1.

1. Sun, X. *et al.* Genetic loss of Faah compromises male fertility in mice. *Biol Reprod.* **80**, 235–242 (2009).

As a result, in the Introduction,

“Studies in rodents demonstrated the presence of CNR1 protein in germ cells, Leydig cells and possibly also Sertoli cells<sup>11,12,13,14,15</sup>”

should read:

“Studies in rodents demonstrated the presence of CNR1 protein in germ cells, Leydig cells and possibly also Sertoli cells<sup>11,12,13,14,15</sup>, CNR2 in germ cells and Sertoli cells, and FAAH mainly in spermatocytes and spermatids<sup>1</sup>”

“Ablation of *Cnr1* in mice had systemic and local effects on reproductive function; including decreased serum LH and testosterone levels<sup>16</sup>, but also disturbance of chromatin remodelling in spermatids<sup>13,14</sup>”

should read:

“Ablation of *Cnr1* in mice had systemic and local effects on reproductive function; including decreased serum LH and testosterone levels<sup>16</sup>, but also disturbance of chromatin remodelling in spermatids<sup>13,14</sup>. Genetic ablation of *Faah* led to elevated levels of AEA and caused impairment of fertility, which was rescued in mice with simultaneous knock-out of *Cnr1*<sup>1</sup>”

Additionally, within the Results,

“The peritubular cell reaction was though weaker than in epithelial and myoid cells of blood vessels, which are known to express CNR1 (Fig. 2).”

should read:

“The peritubular cell reaction was though weaker than in epithelial and myoid cells of blood vessels (Fig. 2).”

Furthermore, within the Discussion,

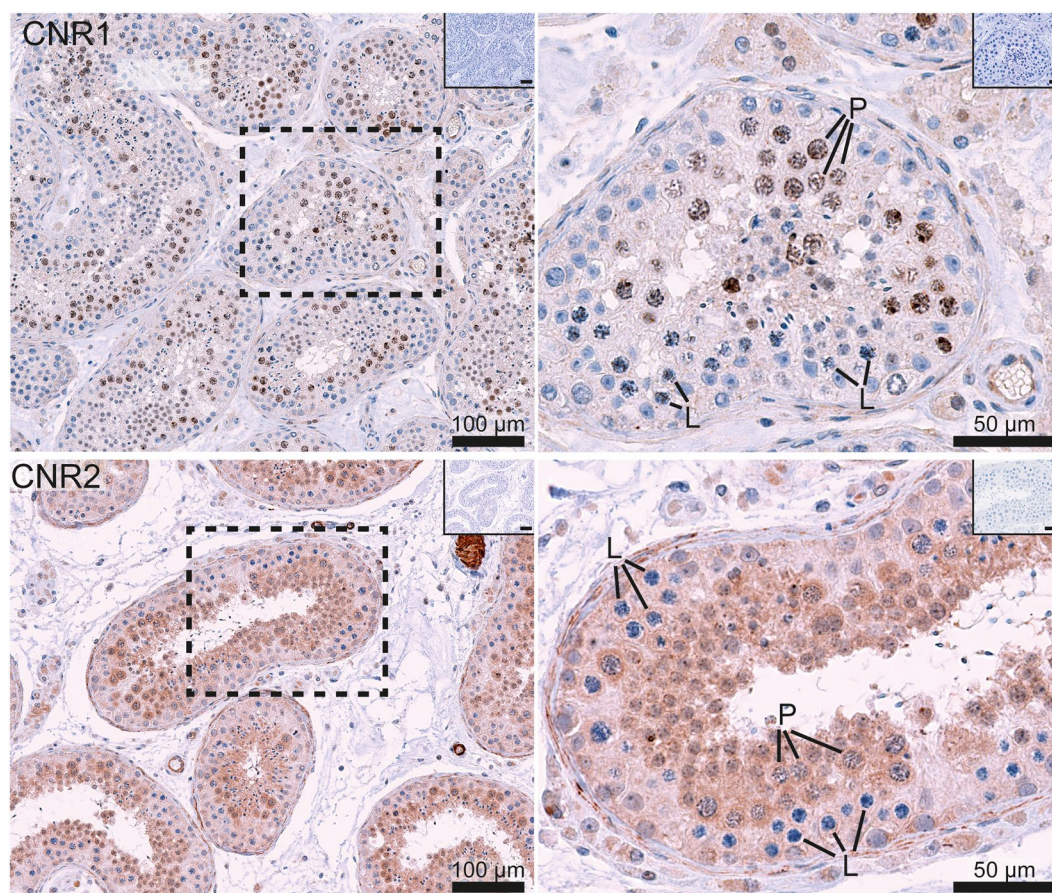
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“CNR1 and CNR2, or CNR1 alone were described in murine Leydig cells and murine and frog germ cells, leading to a proposal that activation of CNR1 in Leydig cells is likely involved in steroidogenesis, while CNR2 in spermatogonia B might promote meiotic entry in mice<sup>15,33,34</sup>.”

should read:

“CNR1 and CNR2, or CNR1 alone were described in murine Leydig cells and murine and frog germ cells, leading to a proposal that activation of CNR1 in Leydig cells is likely involved in steroidogenesis, while CNR2 in spermatogonia B might promote meiotic entry in mice<sup>15,33,34,1</sup>.”

Finally, in Figure 2, the bottom right histology image is incorrectly labelled because of an inadvertent rotation of the image. The correct Figure 2 appears below as Figure 1.



**Figure 1.**



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