

ERRATUM

Due to the relatively tight time for proofreading and the negligence of editing operation, there are several errors in the doctoral thesis “El mecanismo de efecto y regulación de CircHIAT1 sobre el síndrome de ovario poliquístico (SOP)” which deposited in University of Murcia. Here, I sincerely apologize to all readers and the University of Murcia.

In order to make scientific research more rigorous and display the content of the thesis more clearly, based on the discussion and suggestion of revision and modification by both tutors and experts in many relative fields, these errors are revised as follows:

1. In page 53, Fig. 17 L and M represent circRNA mislabeling in the figure legend, it should be: L:circ_0003737; M:circ_0006252
2. In second paragraph of page 61, the description should be:

Another 55 pairs of cumulus granulosa cells were collected from PCOS patients and control group, including 15 pairs for Western Blot (WB) test, 20 pairs for RNA-FISH and immunohistochemical test, and 20 pairs for DHT pretreatment and follow-up test of primary granulosa cells. Table 10 compares the basic clinical data of patients corresponding to this part of the experiment. (Translated in chinese should be:另收集 55 对 PCOS 患者及对照组患者卵丘颗粒细胞, 其中 15 对用于 Western Blot (WB) 实验, 20 对用于 RNA-FISH 及免疫组化实验, 另有 20 对用于原代颗粒细胞 DHT 预处理及后续试验, 表 10 分别比对了这部分实验对应的患者基本临床资料。)

表 10 患者基本临床资料

Tab 10 Clinical characteristics of patients

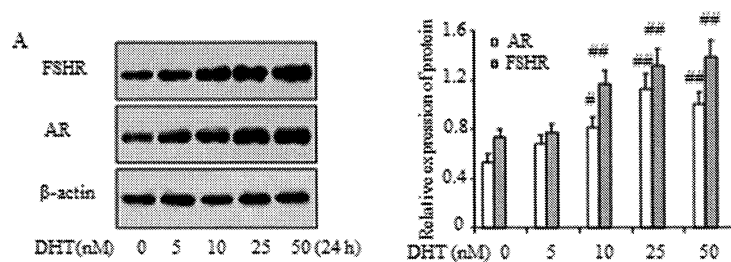
(依次为 Western Blot 实验、FISH 及免疫组化实验、DHT 预处理实验)

(Western Blot test, FISH and immunohistochemical test, DHT pretreatment test)

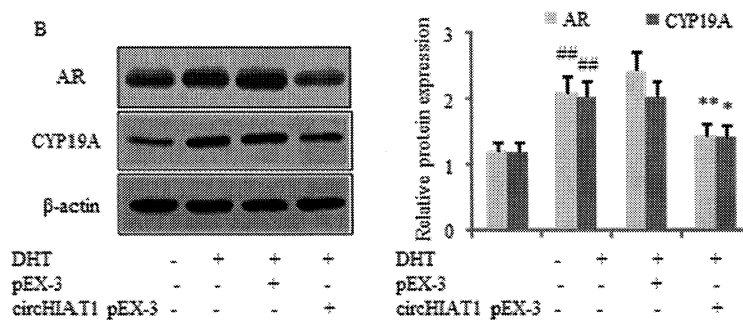
PCOS(n=15)	Control(n=15)	PCOS(n=20)	Control(n=20)	PCOS(n=20)	Control(n=20)
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Age(yr)	27.13 ± 0.67	27.73 ± 0.67	27.40 ± 0.54	28.95 ± 0.55	28.90 ± 0.73	29.35 ± 0.65
Menstrual cycle	76.33 ± 12.67	30.47 ± 0.86	60.50 ± 6.58	30.20 ± 0.50	53.95 ± 5.73	29.80 ± 0.36
BMI(Kg/m ²)	22.54 ± 0.54	21.39 ± 0.56	20.85 ± 0.91	21.25 ± 0.40	22.35 ± 0.33	21.94 ± 0.34
FSH(mIU/mL)	5.50 ± 0.38	7.34 ± 0.68	6.24 ± 0.27	6.99 ± 0.56	6.40 ± 0.59	6.94 ± 0.41
LH(mIU/mL)	7.30 ± 0.74	5.39 ± 0.59	8.71 ± 0.91	4.55 ± 0.50	7.34 ± 0.76	4.30 ± 0.48
E2(pmol/L)	71.25 ± 24.89	131.8 ± 20.94	106.3 ± 12.45	160.9 ± 13.87	88.83 ± 11.89	148.4 ± 18.08
T (nmol/L)	1.81 ± 0.17	1.50 ± 0.15	1.79 ± 0.21	1.75 ± 0.13	1.78 ± 0.24	1.49 ± 0.16
P (nmol/L)	2.58 ± 0.56	2.74 ± 0.46	1.63 ± 0.35	2.13 ± 0.31	4.01 ± 1.80	2.71 ± 0.66
PRL(ng/mL)	16.36 ± 1.89	17.66 ± 2.65	16.46 ± 1.66	14.27 ± 1.68	13.12 ± 1.56	16.45 ± 2.58
Oocyte obtained	19.67 ± 2.30	16.47 ± 1.30	18.10 ± 1.91	16.70 ± 1.38	20.30 ± 2.08	16.80 ± 1.63

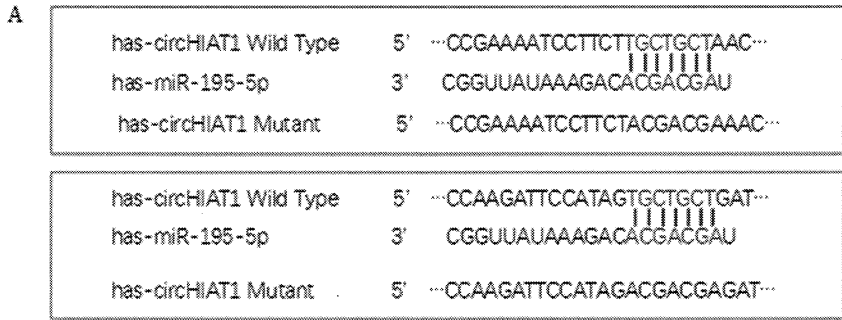
3. In the page 82, Fig. 24 A should be:



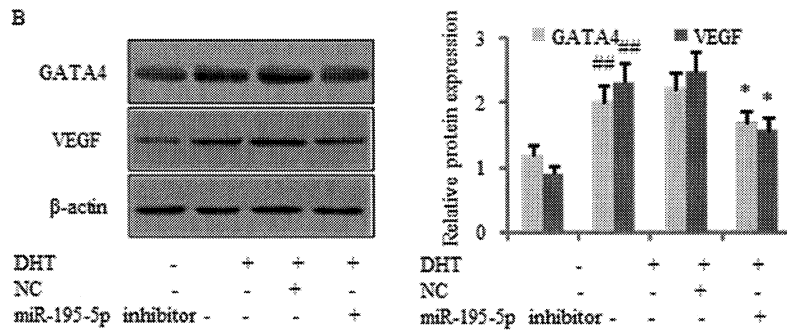
4. In the page 84, Fig. 26 B should be:



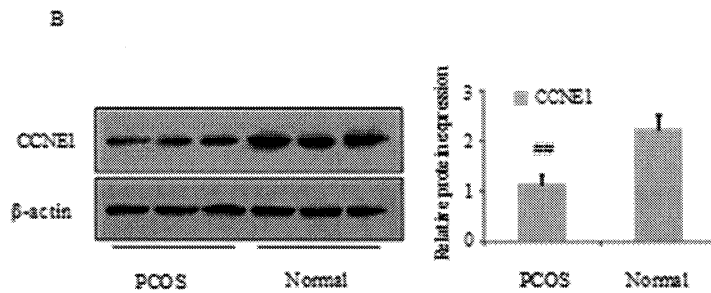
5. In the page 90, Fig. 34 A should be:



6. In the page 97, Fig. 42 B should be:



7. In the page 99, Fig. 45 B should be:



8. In the page 100, Fig. 47 should be:

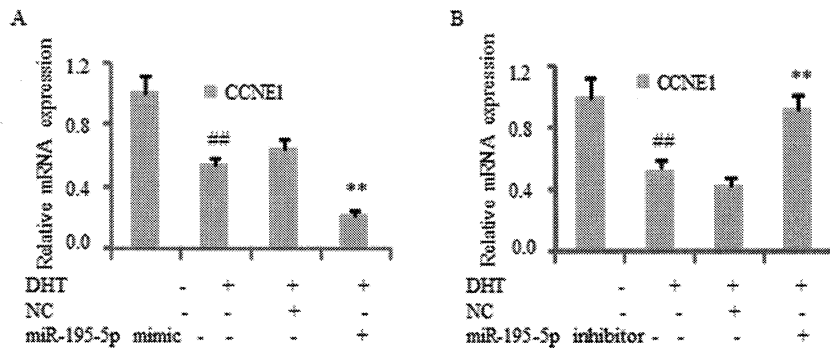


Fig. 47 The gene expression levels of CCNE1 in KGN cells transfected with miR-195-5p mimics and inhibitor

9. In the page 107, lines 7 to 10 in the last paragraph should be:

However, when KGN cells co-transfected with miR-195-5p mimics and circHIAT1 pEX-3, the levels of AR, CYP19A, GATA4 and VEGF in KGN cells had no significant difference compared to transfected with circHIAT1 pEX-3 alone group. Thus, it was found that circHIAT1 could inhibit the regulation of miR-195-5p mimics on the expression levels of AR, CYP19A, GATA4 and VEGF. (Translate in chinese should be: 而当 circHIAT1 pEX-3 与 miR-195-5p mimics 共转染后再次检测 KGN 细胞中 AR、CYP19A、GATA4、VEGF 的水平, 发现这四个指标与单独转染 circHIAT1 pEX-3 组相比, 差距没有统计学意义。说明 circHIAT1 可抑制 miR-195-5p 过表达对 AR、CYP19A、GATA4、VEGF 表达水平的调控。)

At last, I would like to express my gratitude to the University of Murcia and my two Ph.D. supervisors with their rigorous academic attitude. Hope these corrections will be easier to read and understand.