Rebuttal comments on “A potential biomarker for objective diagnosis of overactive bladder: urinary nerve growth factor”

Bo Hai

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Editor,

We have read the letter from Mehmet Agilli et al. In “Materials and methods” section, as urge incontinence symptom is one of the OAB Symptom Score (OABSS) criteria, “no urge incontinence” is our writing error, the patients including urge incontinence, thank you for pointing out, and OABSS 12–14 score class certainly contains urge incontinence symptom, as OAB-wet.

About exclusion criteria, they point out neuropsychiatric diseases, eating disorders, cardiometabolic diseases, metabolic syndrome, type 2 diabetes mellitus, obesity (BMIs), vitamin D analogues, zinc, vitamin B12, vitamin A, and herbal medicines, and some drugs such as estrogen, glucocorticoids, acetyl-L-carnitine, and antipsychotics can affect Neurotrophic Factor expression. We think there is no need to exclude so many factors, according to the Reference papers, most of them affecting Neurotrophic Factor

expression of other tissue, such as brain, fat, and circulating, not urine. We just excluded bladder tumor, bladder stones, interstitial cystitis, tuberculosis of bladder, etc., which may affect NF of urine. This is also standard practice for others [1–3].

References

1. Antunes-Lopes T, Pinto R, Carvalho-Barros S (2011) Urinary levels of Brain Derived Neurotrophic Factor (BDNF) in women with overactive bladder (OAB) syndrome correlate with the severity of symptoms. *Eur Urol Suppl* 10(2):277–278
2. Liu HT, Kuo HC (2008) Urinary nerve growth factor level could be a potential biomarker for diagnosis of overactive bladder. *J Urol* 179(6):2270–2274
3. Kim JC, Park EY, Hong SH, Seo SI, Park YH et al (2005) Changes of urinary nerve growth factor and prostaglandins in male patients with overactive bladder symptom. *Int J Urol* 12(10):875–880

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B. Hai (✉)
Wuhan, China
e-mail: bohai234@yeah.net