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## The role of human serum carnosinase-1 in diabetic nephropathy

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Propositions belonging to the PhD thesis

**The role of human serum Carnosinase 1 in Diabetic Nephropathy**

*Shiqi Zhang*

1. The RYSK173 antibody based ELISA can be used to explain a discordance between serum carnosinase concentrations and activities (this thesis).
2. Renal carnosinase expression is more important than serum carnosinase concentrations in the development of diabetic nephropathy (this thesis).
3. Since serum carnosinase cannot freely pass the glomerular filtration barrier, carnosinuria in healthy individuals reflects local renal carnosinase production (this thesis).
4. The carnosinase-carnosine system is a promising target for the treatment of diabetic nephropathy in human (this thesis).
5. The increased expression of carnosinase in proximal tubules of proteinuric patients reflects the reabsorption of serum carnosinase (this thesis).
6. “He who knows does not speak; he who speaks does not know (Lao Tzu)”, hampers scientific reproducibility.
7. The rational alone is real (G.W.F. Hegel).
8. If you repeat a lie often enough, it becomes the truth (J. Goebbels).
9. Nothing great was ever achieved without enthusiasm (R.W. Emerson).
10. I strove with none, for none was worth my strife (W.S. Landor).