

**Biostatistics statement for the manuscript entitled 'Vanadium-dependent activation of glucose transport in adipocytes by high doses of catecholamines is not mediated via adrenoceptor stimulation or monoamine oxidase activity' submitted to Word Journal of Diabetes**

**Data acquisition:**

For each parameter reported, the number of observations (n) is indicated in Results or in figure legends.

The first step of primary screening was performed with n=3 for 25 amines tested in parallel. Then, in subsequent experiments, the best hits have been re-tested in the presence or not of various inhibitors and blockers to reach up to a total observations being n = 53 for adrenaline and noradrenaline.

Data are expressed as mean  $\pm$  standard error of the means (S.E.M.).

**Statistical analyses:**

Normality tests indicated that data were normally distributed and the lumped observations are shown in figure 1.

Differences between vanadium-treated samples and corresponding control were considered significant at  $p < 0.05$  by paired-*t* test. Other computer-assisted biostatistical analyses are, at least to our knowledge, appropriate for the conducted research, and were reviewed at the Institute for Cardiometabolic Diseases of Toulouse (I2MC, UMR 1048), France.

On behalf of all co-authors, on the 20<sup>th</sup> August 2020.

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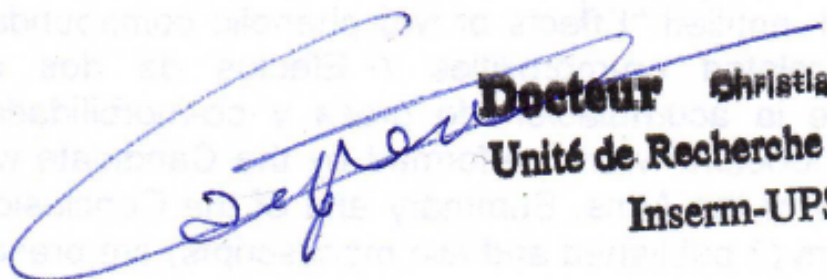
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