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Risk assessment by chronic toxicity to exposure of magnesium at a renal level in rats of the species *Rattus Norvegicus***Giancarlo Mendez Agreda**

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A histological examination from kidneys, specifically at the level of renal cortex and medullary thick ascending limb of Henle's loop, in a group of albino rats of the species *Rattus norvegicus* Holtzman strain, to which were administered orally magnesium chloride Ad. Libitum at concentrations below the LD50 but above the RDA, showed sublethal damage evidenced by a slight swelling that encompassed the medullary and cortical area in the study group compared with the control group. In addition to this, biochemical

parameters in blood and urine were also affected, which has demonstrated that the consumption above the RDA and without the guidance of a health professional is detrimental to long-term health.

Speaker Biography

Giancarlo Mendez Agreda has completed his MSc at the age of 30 years old at University of Turku, Finland. He is a pharmacist graduated from Universidad Nacional Mayor de San Marcos (Peru). He also counts with experience at pharmaceutical industry as a formulator.

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