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Original Articles

Concentration of Copper, Iron, Zinc, Cadmium, Lead, and Nickel in Boar Semen and Relation to the Spermatozoa Quality

Peter Massányi, Jozef Trandžík, Pavol Nad, Beáta Koréneková, Magdaléna Skalická, Robert Toman  ...show all

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cytoplasmic drop, 0.14% small heads, 0.03% large heads, and 1.83% forms other of pathological changes. Correlation analysis showed significant ($p < 0.05$) positive correlation between copper and lead ($r = 0.52$). High correlation between small head and knob twisted tail ($r = 0.67$), small head and broken flagellum ($r = 0.88$) as well as between small head and total number of pathological spermatozoa ($r = 0.73$) was determined.

Keywords: Copper Iron Zinc Cadmium Lead Nickel Spermatozoa Boar

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Related Research Data

Relationship between concentrations of macro and trace elements in serum and follicular, oviductal, and uterine fluids of the dromedary camel (*Camelus dromedarius*)
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