

Curriculum Vitae

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- **Date of birth:** 26/12/1985

- **Higher education:**

- **2014** - PhD (Animal and human physiology). Faculty of Biology, University of Belgrade, Serbia.

- **2010** - MSc in Biochemistry. Faculty of Chemistry, University of Belgrade, Serbia.

- **Publications:**

1. Pajares M, Jiménez-Moreno N, Dias IH, Debelec B, **Vucetic M**, Fladmark KE, Basaga H, Ribaric S, Milisav I, Cuadrado A. Redox control of protein degradation. *Redox Biol.* 2015, 6:409-420.
2. Macanovic B, **Vucetic M**, Jankovic A, Stancic A, Buzadzic B, Garalejic E, Korac A, Korac B, Otasevic V. Correlation between sperm parameters and protein expression of antioxidative defense enzymes in seminal plasma: a pilot study. *Dis Markers.* 2015, 2015:436236.
3. Golic I, Velickovic K, Markelic M, Stancic A, Jankovic A, **Vucetic M**, Otasevic V, Buzadzic B, Korac B, Korac A. Calcium-induced alteration of mitochondrial morphology and mitochondrial-endoplasmic reticulum contacts in rat brown adipocytes. *Eur J Histochem.* 2014, 58(3):2377.
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7. Buzadzic B, **Vucetic M**, Jankovic A, Stancic A, Korac A, Korac B, Otasevic V. New insights into male (in)fertility: the importance of NO. *Br J Pharmacol.* 2014, doi: 10.1111/bph.12675.
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9. Stancic A, Otasevic V, Jankovic A, **Vucetic M**, Ivanovic-Burmazovic I, Filipovic RM, Korac A, Markelic M, Velickovic K, Golic I, et al. Molecular basis of hippocampal energy metabolism in diabetic rats: The effects of SOD mimic. *Brain Res. Bull.* 2013, 99:27-33.
10. **Vucetic M**, Stancic A, Otasevic V, Jankovic A, Korac A, Markelic M, Velickovic K, Golic I, Buzadzic B, Storey BK, Korac B. The impact of cold acclimation and hibernation on antioxidant defenses in the ground squirrel (*Spermophilus citellus*): An update. *Free Radic. Biol. Med.* 2013, 65:916-24.
11. Stancic A, Buzadzic B, Korac A, Otasevic V, Jankovic A, **Vucetic M**, Markelic M, Velickovic K, Golic I, Korac B. Regulatory role of PGC-1 α /PPAR signaling in skeletal muscle metabolic recruitment during cold acclimation. *J. Exp. Biol.* 2013, 216:4233-41.
12. Otasevic V, Korac A, **Vucetic M**, Macanovic B, Garalejic E, Ivanovic-Burmazovic I, Filipovic MR, Buzadzic B, Stancic A, Jankovic A, et al. Is Manganese (II) Pentaazamacrocyclic Superoxide Dismutase Mimic Beneficial for Human Sperm Mitochondria Function and Motility? *Antioxid. Redox Signal.* 2013, 18:170-8.
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21. Markelic M, Velickovic K, Golic I, Otasevic V, Stancic A, Jankovic A, **Vucetic M**, Buzadzic B, Korac B, Korac A. Endothelial cell apoptosis in brown adipose tissue of rats induced by hyperinsulinaemia: the possible role of TNF- α . *Eur. J. Histochem.* 2011, 55: 187-93.