



УНИВЕРЗИТЕТ У НОВОМ САДУ  
UNIVERSITY OF NOVI SAD

## TOP ACHIEVEMENTS 2022

### FACULTY OF SPORT AND PHYSICAL EDUCATION

---

M21 CATEGORY | Title: Ostojić SM. Low tissue creatine: a therapeutic target in clinical nutrition. *Nutrients*, 2022;14(6):1230. IF 6.706

*Nutrients*. Impact factor = 6.706

Full professor Sergej M. Ostojić

---

Low tissue creatine characterizes many conditions, including neurodegenerative, cardiopulmonary, and metabolic diseases, with a magnitude of creatine shortfall often corresponds well to a disorder's severity. A non-invasive monitoring of tissue metabolism with magnetic resonance spectroscopy (MRS) might be a feasible tool to evaluate suboptimal levels of creatine for both predictive, diagnostic, and therapeutic purposes. This mini review paper summarizes disorders with deficient creatine levels and provides arguments for assessing and employing tissue creatine as a relevant target in clinical nutrition.

