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**THE ROLE OF STEM CELLS IN THE TREATMENT OF URINARY  
INCONTINENCE-SURVERY<sup>2</sup>**

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**Assoc. Prof. Georgi Hubchev, MD**  
Department of Health care,  
“Angel Kanchev” University of Ruse  
Phone: +359 88 8317020  
E-mail: georgihubchev@abv.bg

***Abstract:** At present, there are many approaches in the treatment of urinary incontinence: lifestyle modification and behavioural therapy (pelvic floor muscle strengthening exercises, quitting caffeine and fizzy drinks and so on); pharmacologic (M-cholinolytics, b3-agonists, norepinephrine - serotonin reuptake inhibitors), surgical (colposuspension, sling surgeries, artificial sphincter), minimally invasive therapy (use of botulinum toxin – type A, different types of laser, volume-forming substances). The low efficacy of both behavioural and medication therapies as well as the patients’ unwillingness to undergo a surgery, necessitates searching less invasive and more effective alternative treatment for urinary incontinence. In this regard, a potential approach to treat UI is the use of cell-based therapies. Currently, clinical trials are performed to determine the role of stem cells.*

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<sup>2</sup> Report is received the Best Paper and is included in the general collection of the conference - Reports Awarded with "Best Paper" Crystal Prize - 58th Science Conference of Ruse University, Bulgaria, 2019, ISBN 978-954-712-793-7.