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Innsbruck 2022  
INUS ANNUAL CONGRESS  
June 9-11<sup>th</sup>



# Translational Research Workshop

## Thursday June 9<sup>th</sup> 2022, 13:30 - 17:00

**Title:** Translational impact of animal models of lower urinary tract dysfunction (LUTD) - Recent Progress

**Objective:** To gain a fuller understanding of the translational potential of animal models of LUTD

**Aims:**

1. Learn about modern methods of assessing LUTD
2. Learn state of the art concepts of the underlying the mechanism of LUTD
3. Learn of novel targets for future treatment of LUTD Gain an appreciation of the contribution of the urethra to LUTD

Chairpersons: Célia Cruz (Portugal) & Francis Hughes (USA)

### Part 1: LUTD Animal Models

13:30—14:00 Methods for assessing LUTD in animal models E. Keller (Austria)

### Part 2: New Targets/Mechanisms of LUTD

14:00—14:30 Transient receptor potential channels in sensory mechanisms of LUTD W. Everaerts (Belgium)

14:30—15:00 Gene expression profiles in neurogenic and obstruction-induced LUTD (basic & clinical) K. Monastyrskaya (Switzerland)

15:00—15:30 Break

15:30—16:00 The role of NLRP3 inflammasome in obstruction and diabetes-induced LUTD F. Hughes (USA)

### Part 3: Urethral Mechanisms of LUTD

16:00—16:30 Is there a role of the urethra in the SCI-induced LUTD? A. Ferreira (Portugal)

16:30—17:00 The role of serotonin-expressing urethral cells in normal mic-turition and LUTD C. Cruz (Portugal)

*Benefit from our early bird rates when booking before April 16th: take part in this hands-on workshop for only € 80.*

*Please be aware that there is a limited number of participants — book now to get your seat!*

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