



## Dr. Alexandr Ilyaskin

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### Zymogen- locked mutant prostaticin (Prss8) leads to incomplete proteolytic activation of the epithelial sodium channel (ENaC) and severely compromises triamterene tolerance in mice

Dr. Alexandr Ilyaskin will present his paper recently published in Acta Physiologica ([Acta Physiol \(Oxf\). 2021 Mar 1: e13640. Doi: 10.1111 / apha.13640., Epub before going to press. PMID: 33650216](#)) for which he is co-author.

**Aim of the study:** The serine protease prostaticin (Prss8) is expressed in the distal tubule and stimulates proteolytic activation of the epithelial sodium channel (ENaC) in co-expression experiments in vitro. The aim of this study was to explore the role of prostaticin in proteolytic ENaC activation in the kidney in vivo.

Time: Monday, 3rd May 2021, 17:15h  
Location: zoom

To get the zoom link please contact:  
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