

# “The control of thyroid hormone levels by the deiodinases - lessons from genetic defects in humans and mice”

We proudly present the speaker of our LOCOTACT Lecture in **August 2023**:

**Alexandra Dumitrescu** is Associate Professor of Medicine in the Section of Endocrinology, Diabetes and Metabolism at the University of Chicago and studies the pathophysiology of thyroid hormone synthesis, metabolism, transport and action. Besides studying thyroid hormone transport via MCT8, she reported the first SBP2 deficiency, impairing TH metabolism, and the first human patients with inherited DIO1 deficiency. As an excellent model of a true physician-scientist, she studies inherited defects of TH transport, metabolism and action in patients and mouse models to explain the pathophysiology and develop treatment strategies.

<https://wc.uchicago.edu/highlights/alexandra-dumitrescumdphd/>



**Date: 31.08.2023**

**“The control of thyroid hormone levels by the deiodinases - lessons from genetic defects in humans and mice”**

**Alexandra M. Dumitrescu,  
MD PhD**

Associate Professor of Medicine  
The University of Chicago  
Medical Center  
Department of Medicine  
Section of Endocrinology,  
Diabetes and Metabolism

**Time:** 5.00 pm (CET)

**Place:** Zoom

All guests are cordially invited to join the LOCOTACT Lectures!

The online lecture takes place via Zoom. If you want to register, please contact the LOCOTACT central office [locotact@uk-essen.de](mailto:locotact@uk-essen.de).

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