

## AI-SUPPORTED CYTOARCHITECTONIC MAPPING AND VISUALIZATION OF THE LATERAL GENICULATE BODY IN THE BIGBRAIN

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## **VISUALIZATION OF THE LATERAL GENICULATE BODY**





magnocellular neurons



## **CONCLUSION & OUTLOOK**

- Application of Deep Learning for annotating a subcortical structure achieved
- Comparison with results of Atelier 3D
  planned
- Application of DL model to further small subcortical structures planned



Layer 2 of the lateral geniculate body, example of a small heterogeneous structure