



3D imaging of solvent-cleared organs (3DISCO)

Özge Düdükcü, Ana Pinho

UMCU, Utrecht, The Netherlands

*Tissue imaging is an important method in order to understand and visualize the complexity of organs. Most imaging tools, however, have limitations in terms of reconstructing axonal projections of the brain. 3DISCO offers a sophisticated way to illustrate the whole brain. Here, a 13 days old mouse embryo has been cleared and imaged using this tool, depicting the projection of the dopamine system from the midbrain to the striatum (shown in red).
(Red: TH Green: Netrin-1)*

Kindly provided by:
Art of Neuroscience
Royal Netherlands Academy of Arts and Sciences
<https://aon.nin.knaw.nl/>

