

An interactive and intuitive visualisation method for X-ray computed tomography data of biological samples in 3D Portable Document Format

Markéta Tesařová¹, Eglantine Heude^{2,3,4}, Glenda Comai^{3,4}, Tomáš Zikmund¹, Markéta Kaucká^{5,6}, Igor Adameyko^{5,6}, Shahragim Tajbakhsh^{3,4} and Jozef Kaiser^{1*}

¹Central European Institute of Technology, Brno University of Technology, Brno, Czech Republic

² Department Adaptation du Vivant, Museum national d'Histoire naturelle, Paris, France

³ Department of Developmental and Stem Cell Biology, Stem Cells and Development Unit, Institut Pasteur, Paris, France

⁴ CNRS UMR 3738, Paris, France

⁵ Department of Physiology and Pharmacology, Karolinska Institutet, Solna, Sweden

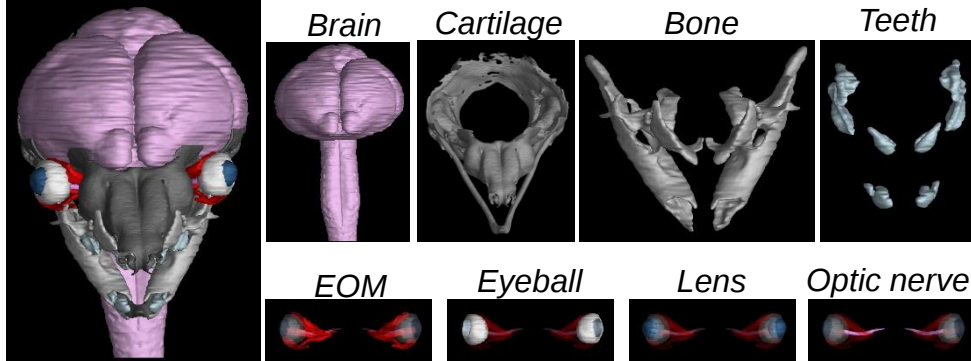
⁶ Department of Molecular Neurosciences, Medical University of Vienna, Vienna, Austria

*Corresponding author: kaiser@fme.vutbr.cz

3D reconstruction of craniofacial structures of mouse embryo (E15.5)

Structures

All structures



Preset views

ventral

dorsal

lateral

medial

