

POSTERS GUIDE

FACEBASE COMMUNITY FORUM

TUESDAY, JUNE 15, 2021

Your guide to three simultaneous poster tracks. Abstracts are included in title order.

POSTER GROUP 1

ZOOM Room: <https://usc.zoom.us/j/93545935425>

Time slot (EDT)	Presenter	Title
4:55 PM	Harold Matthews, KU Leuven	Open-Source 3D Facial Growth Curves for Medical Facial Assessment
5:05 PM	Hanne Hoskens, KU Leuven	Sibling-informed facial phenotyping in Tanzanian Bantu children
5:15 PM	Tara Yankee, University of Connecticut Health	Transcriptome Dynamics of Developing Human Face Reveal Candidate Disease Genes
5:25 PM	Jay Devine, The University of Calgary	MusMorph, a database of standardized mouse morphology data for morphometrics
5:35 PM	Jose Aponte, The University of Calgary	An Interactive Atlas of Three-Dimensional Syndromic Facial Morphology
5:45 PM	Noemí Hostalet, FIDMAG, Sisters Hospitallers Research Foundation	Facial shape and its neuroanatomical and genetic correlates in schizophrenia

POSTER GROUP 2

ZOOM Room: <https://usc.zoom.us/j/96028107969>

Time slot (EDT)	Presenter	Title
4:55 PM	Tingwei Guo, University of Southern California	Kdm6b and Ezh2 antagonistically regulate p53 signalling to control palatogenesis
5:03 PM	Jifan Feng, University of Southern California	TGF-β signaling regulates soft palate development via mediating cell-cell interaction
5:11 PM	Eva Janeckova, University of Southern California	Canonical Wnt signaling is essential for soft palate muscle development
5:19 PM	Teng Teng, University of California, San Francisco	Cellular mechanisms and developmental compensation during secondary palate fusion
5:27 PM	Camilla Teng, University of California, San Francisco	Cellular and Molecular Regulation of Upper Lip Fusion
5:35 PM	Azeez Alade, University of Iowa	Low Frequency Coding Variants and Non-Syndromic Orofacial Clefts in Africans
5:43 PM	Waheed Awotoye, University of Iowa	Whole-Genome-Sequencing Identifies Novel Pathogenic de-novo Mutations Associated with Orofacial Clefts

POSTER GROUP 3

ZOOM Room: <https://usc.zoom.us/j/91677712537>

Time slot (EDT)	Presenter	Title
4:55 PM	Soha Mahdi, KU Leuven	3D Facial Embedding of Genetic Syndromes by Triplet-Based geometric autoencoders
5:05 PM	Emma Winchester, University of Connecticut	Single cell transcriptomic profiling of the enamel knot
5:15 PM	Junjun Jing, University of Southern California	Mapping mouse molar development at single cell resolution
5:25 PM	Samantha McCoy, National Human Genome Research Institute	Biochemical Risk Factors Associated with Facial Measurements in Propionic Acidemia
5:35 PM	Eloise Stanton, University of Southern California	Pharmacological exposure interplays with Twist1 mutations in exacerbating craniosynostosis
5:40 PM	Jeffrey Schoenebeck, University of Edinburgh	CT Scans to Enable Exploration of Extant Dog Craniofacial Morphology