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Using and Reusing Single-Cell RNA Sequencing Data

Jaroslav Olha
Department of Histology and Embryology
Faculty of Medicine, Masaryk University

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MINISTRY OF EDUCATION, YOUTH AND SPORTS

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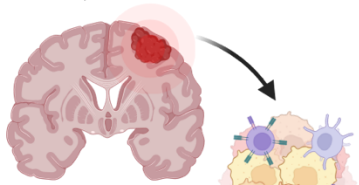
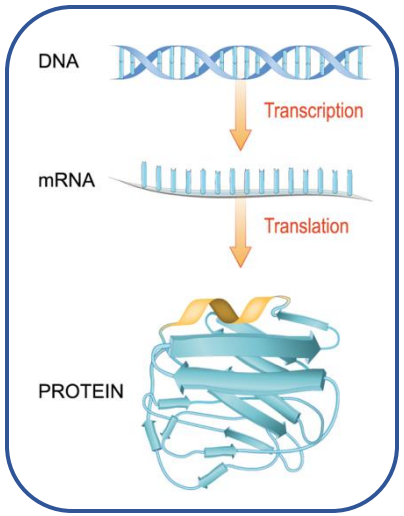


Tumor sample, from a patient or a cell line

"GLI-CO"

iPSCs-derived healthy **brain organoid**/spheroid



	Cell1	Cell2	...	CellN
Gene1	3	2	.	13
Gene2	2	3	.	1
Gene3	1	14	.	18
...	.	.	.	.
...	.	.	.	.
...	.	.	.	.
GeneM	25	0	.	0

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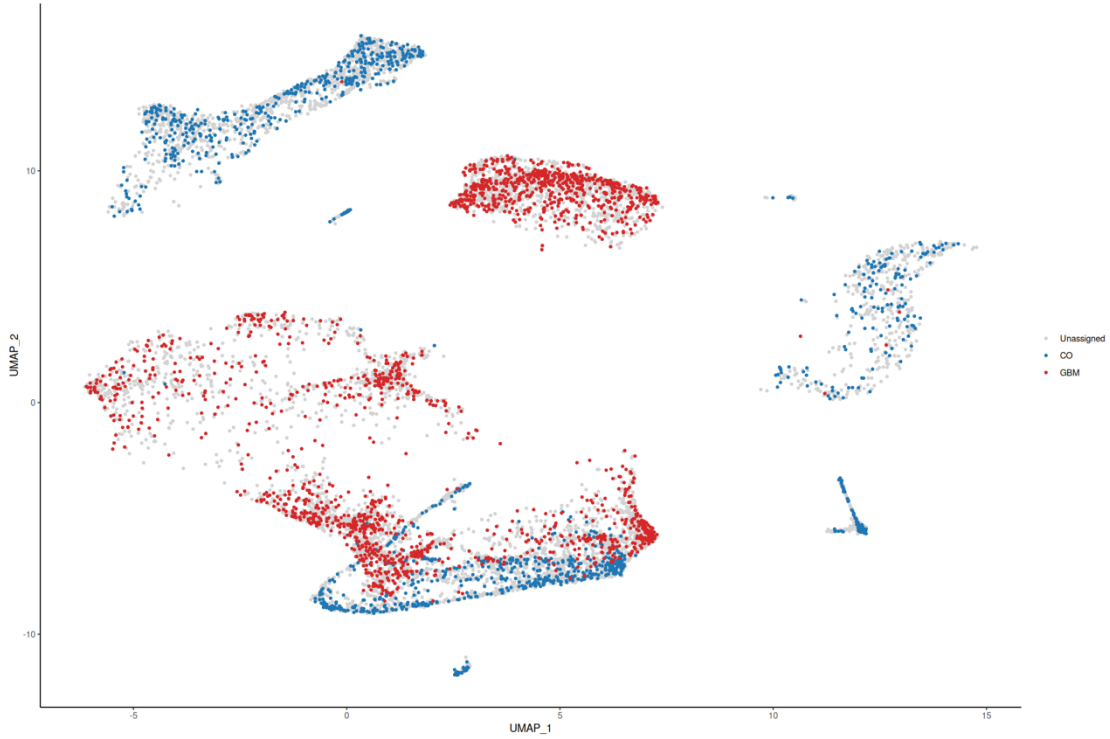
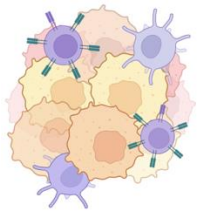
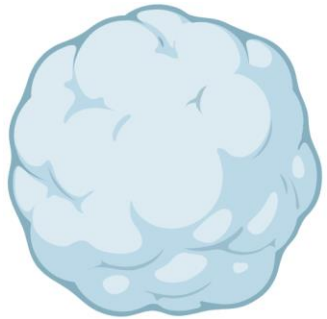
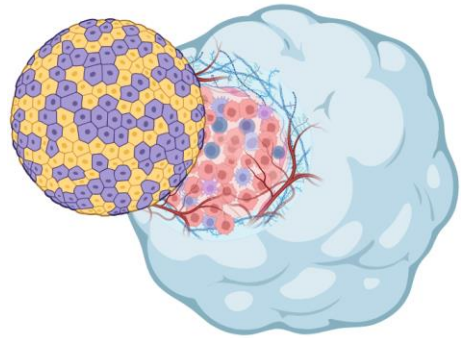


separate cultivation

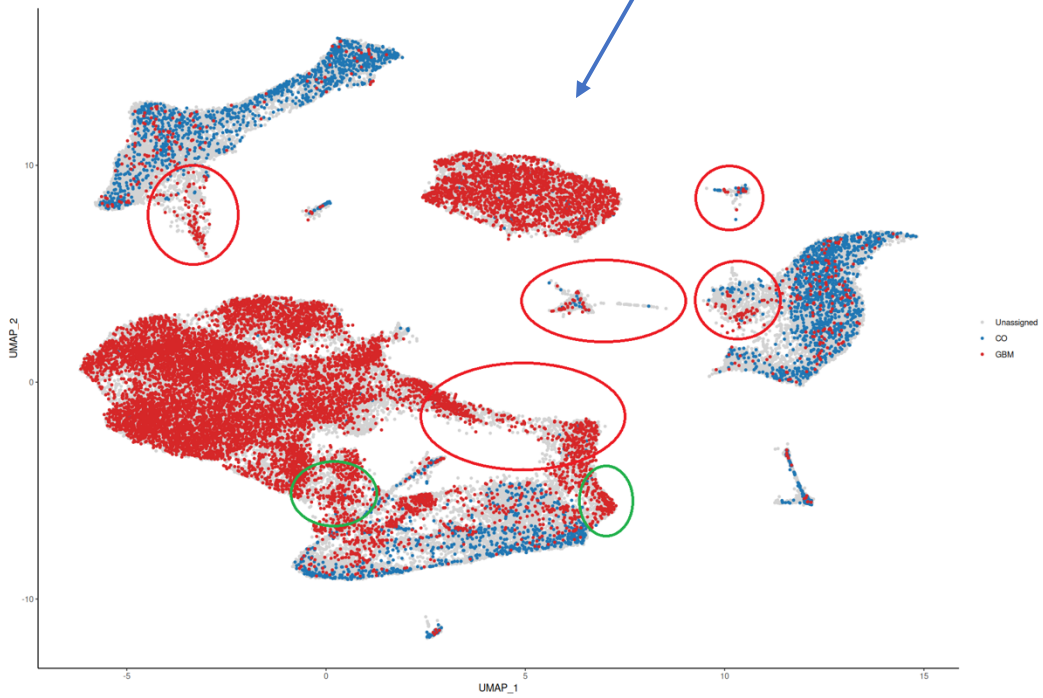






co-cultivation

Brain
Tumor



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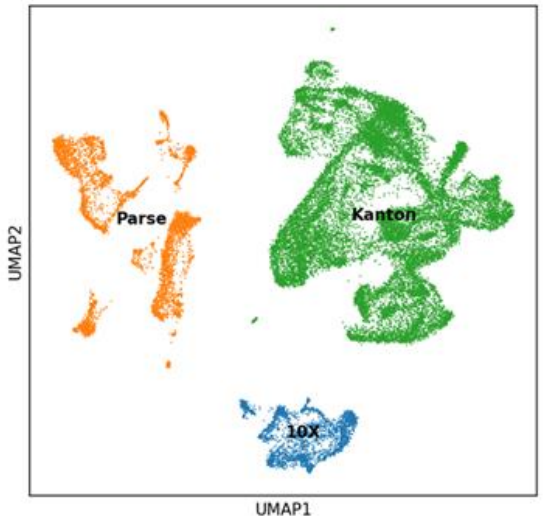
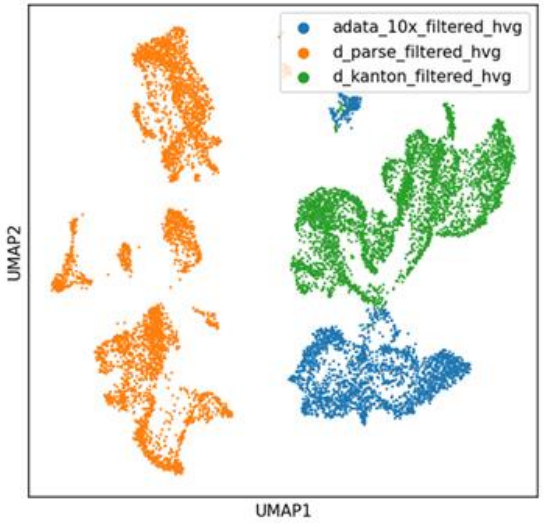
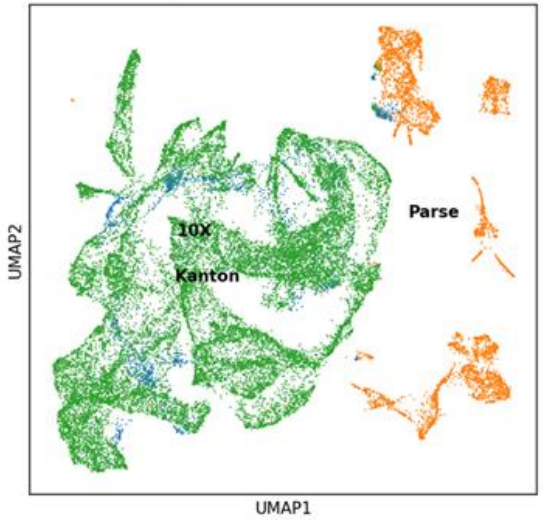
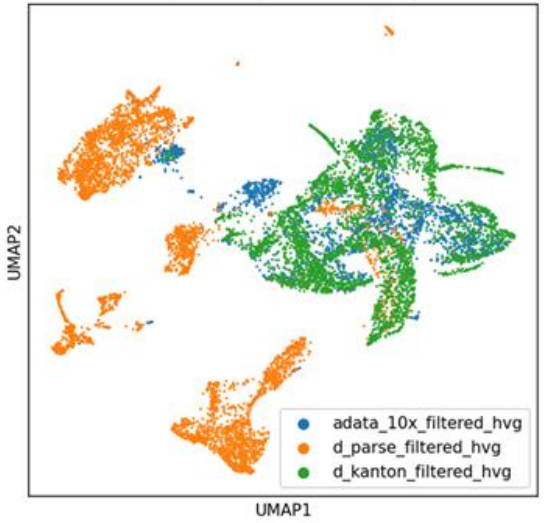
The Challenge

Before integration





After integration