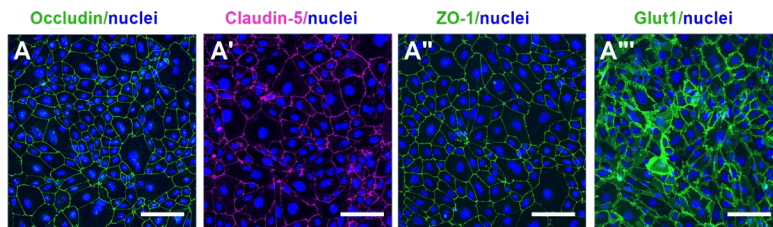
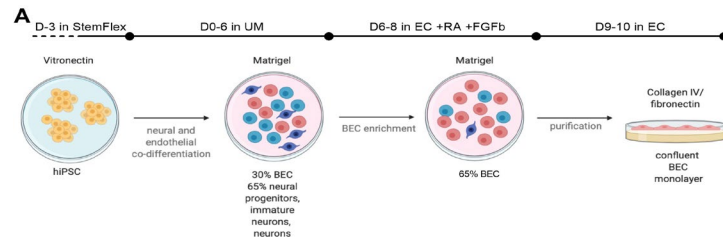
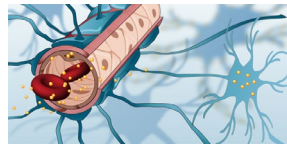
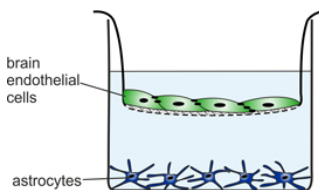


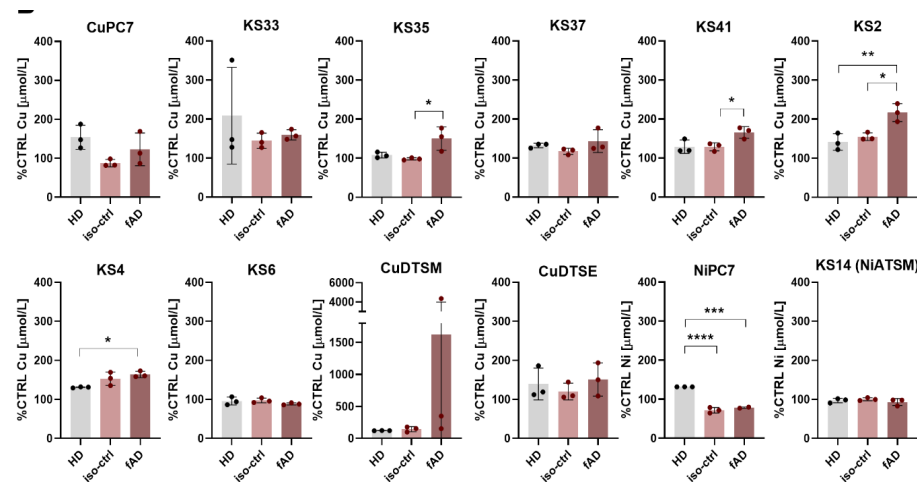
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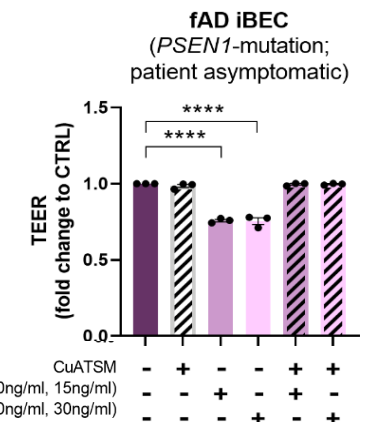
Human induced brain endothelial cells (iBECs)



Copper-drug compound library					
Name	Structure	Name	Structure	Name	Structure
CuPC7		KS37		KS4	
NiPC7		KS41		KS6	
KS33		KS14 (NiATSM)		CuDTSM	
KS35		KS2		CuDTSE	



Conclusions: Our model provides a unique opportunity to greatly improve the accuracy of testing for brain penetration of potential therapeutics. Testing drug penetration across human healthy and/or disease iBECs provides a more robust measure of drug delivery, and therefore potentially greatly improved clinical translation in patients.



Copper-drug effect on inflammatory damage to BBB

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