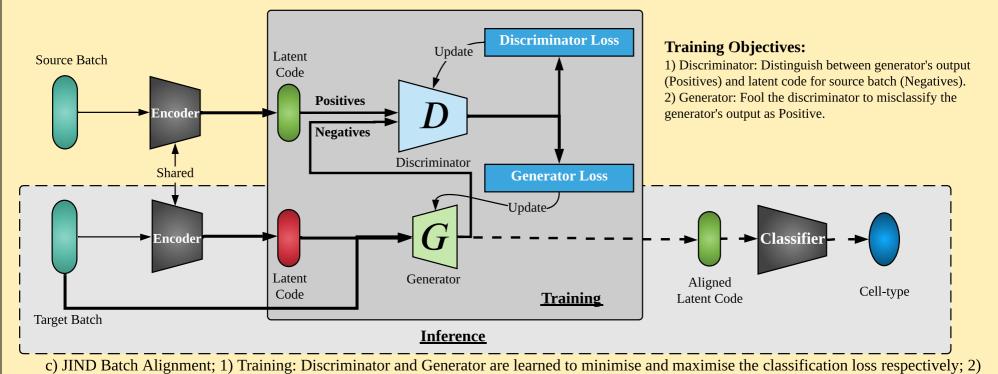


b) Illustration demonstrating the JIND batch alignment in the latent space learnt by the classifier. JIND learns the underlying mapping between the source batch and the target batch clusters in an unsupervised manner (without any knowledge of cell-types in the target batch)



Inference: Target batch uses the encoder and the generator to obtain the aligned latent code which is used by the classifier to predict the cell-type.