Addendum: Molecular Generation for Desired Transcriptome Changes With Adversarial Autoencoders

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An Addendum on

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In the original article, we missed the parallel work by Méndez-Lucio et al. (2020). This work also tackles a similar problem of generating molecular structures from transcriptomic data. The authors proposed a conditional model based on the generative adversarial networks Goodfellow et al. (2014). Unlike their approach, our model is joint, allowing us to generate molecular structures for a given gene expression profile and vice versa.

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