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# **Literature review**

Factors effecting ADR’s

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3950535/#:~:text=Pharmacological%2C%20immunological%2C%20and%20genetic%20factors,pharmacodynamic%20abnormalities%2C%20and%20drug%20interactions>.

This talks about using SVM for ADR prediction, with a small dataset

<https://academic.oup.com/jamia/article/19/e1/e28/2909247>

This talks about LSTM for ADR prediction

<https://link.springer.com/article/10.1007/s10489-022-03721-y>

Recent study on ADR prediction for babies

<https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4462705>

Talks about the SIDER dataset, and stacking models, good for reasoning why I decided to build a model with a hybrid architecture

<https://www.spiedigitallibrary.org/conference-proceedings-of-spie/12636/126360D/Adverse-drug-reaction-prediction-and-feature-importance-mining-based-on/10.1117/12.2675459.short?SSO=1>

# **Feature Selection**

Talks about what features are important for ADR prediction

<https://academic.oup.com/jamia/article/19/e1/e28/2909247>

# **Data gathering**

Good reference for why I used SIDER

<https://academic.oup.com/bib/article/22/1/164/5678053>

# **Future work/improvements**

This paper suggest ADR prediction for treatments with multiple drugs – polypharmacy

<https://academic.oup.com/bib/article/22/1/164/5678053>

Talks more about polypharmacy

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3950535/#:~:text=Pharmacological%2C%20immunological%2C%20and%20genetic%20factors,pharmacodynamic%20abnormalities%2C%20and%20drug%20interactions>.