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CASE STUDY

Data Compendium for MDM2 Inhibitors



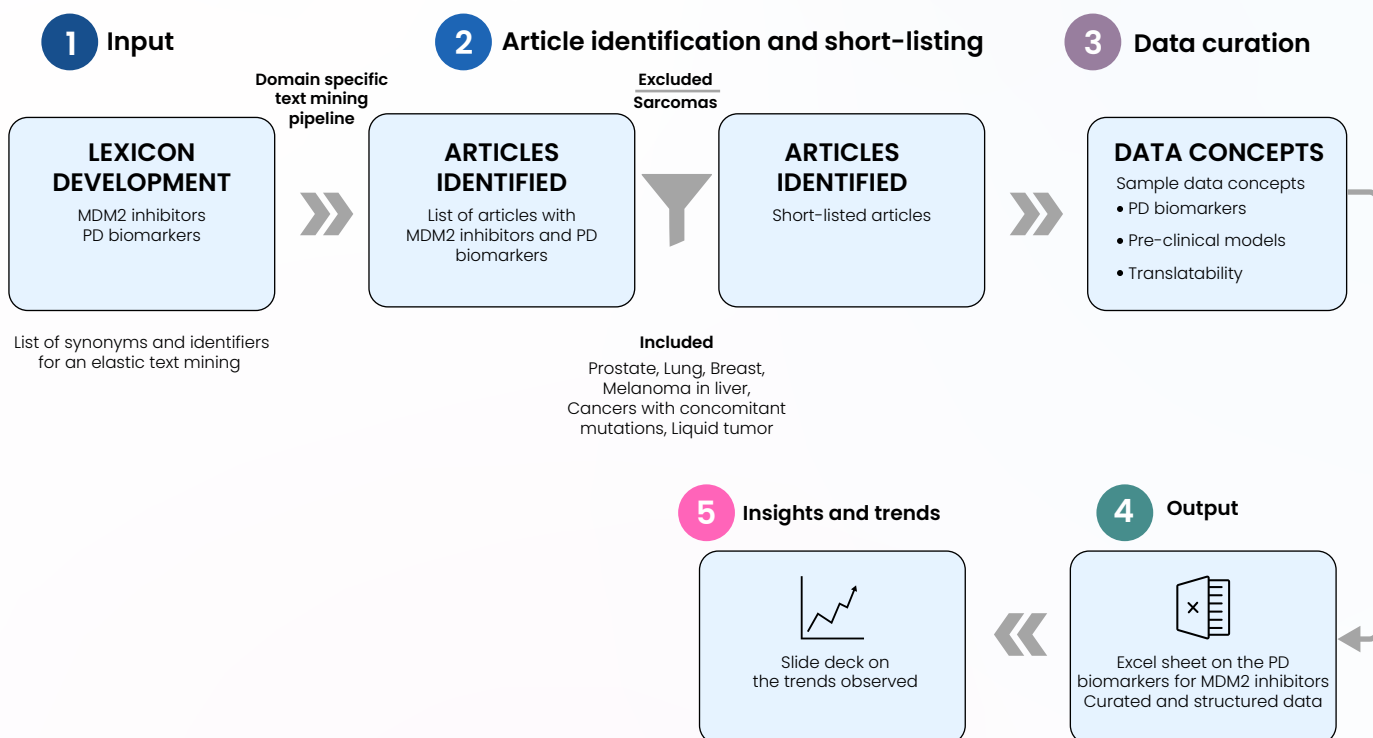
Client's Challenge

To curate information on MDM2 inhibitors including clinical candidates and pre-clinical compounds

Background

- The disease indications to be included for the curation activity are Prostate, Lung, Breast, Melanoma in liver and [cancers with concomitant mutations](#)
- Liquid tumors and Sarcomas can be excluded
- Data will be curated from freely available published scientific articles

Solution strategy



Data labels that were captured in Excel

A pharma company working in the area of antiviral development based out of EU.

MDM2 Inhibitor	Inhibitor_Modality	Inhibitor_MoA	Mono/Combination Study	Combination Drug Name
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Indication	Baseline Mutation Status	Efficacy endpoint
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PD Biomarker name	Biomarker_Type (Biochemical, Cellular, Genomic, Proteomic)	Biomarker_Measured Tissue	PD Biomarker_Status	PD Biomarker_Quantitative value	p-value	Correlation of Biomarker with Response	Dose of MDM2 Inhibitor	Timepoint of Measurement	In Vivo/In Vitro Models	Study Type (Preclinical/Clinical)
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Clinical Trial ID	Clinical Trial_Completion date	Dosing Regimen						Adverse events	Reference (PMID)
		Formulation	Route of administration	Dose	Dose interval	Treatment duration			

Results & Conclusion

- Comprehensive excel sheet containing the list of PD Biomarkers with associated datapoints.
- A PowerPoint with insights and trends.
- Comparable Pre-clinical/Clinical PD Biomarkers for specific MDM2 inhibitor in a particular indication with description of models



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