

Anticipate adverse drug reactions and identify suitable safety biomarkers to plan safe clinical trials from the start.

## De-risk clinical trials with OFF-X translational safety intelligence and analytics:

- Ol Design safe, successful trials
  Understand how the safety profile of your drug
  may be influenced by patient populations.
- O2 Act fast Enable mechanistic deconvolution of unexpected safety findings to support mitigation strategies.
- **O3** Anticipate risk factors

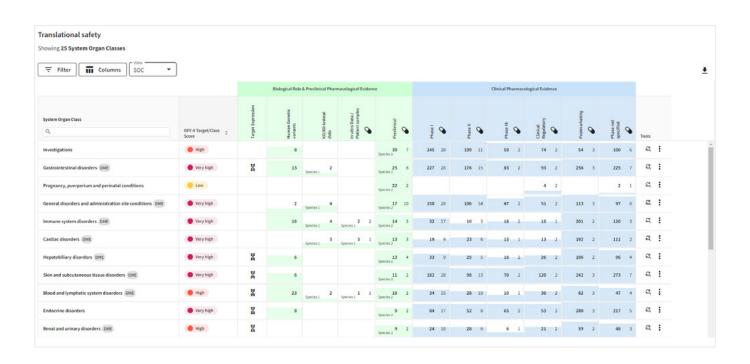
  Benchmark the safety profile of competitors' drugs and targets as they advance in development.
- 04 Increase chances of success
  Define the right endpoints and select the most suitable safety biomarkers.



Figure 1: Compare drug safety profiles by target class.



Figure 2: Monitor potential liabilities and correlate findings as your drug moves from preclinical to clinical - or from healthy volunteers to patients.



**Figure 3:** Understand how your drug's safety profile is influenced by patient characteristics, including head-to-head comparison by condition.

Master view Translation		nal safety ✓ Clinical patient safety					Real-world evidence analysis										Мо	unting evi	dence c	:hart
paring 32 conditions  F Filter	View AE/SOC ▼	Data type Patient condition		ort condition																4
Adverse event * System Organ Class  Q			tic valve pase	ell lymphoma	onic phocytic kernia	use large B- lymphoma	licle center ophoma	mediate type persensitivity	ynx tumor	nphadenopathy	ubyoma	nphoplasmacyt	creglebuilnemk	office cell	rginal zone B- I lymphoma	ginal zone iphoma	astatic dder cancer	etastatic head nd neck cancer		
		OFF-X Drug Score ↓	Aor	ě	Charle Charles	2 8	IS IN	F W	ž	Lyn	F.	Lym	ž	Na Pr	2 8	N Iv	2 A	Me	Tools	
Anaemia • Blood and lymphatic system disorders		<ul><li>Very high</li></ul>	4	7	29	10	3		1	1	7	4		13	3		1	1	Ē	*
Arthralgia • Musculoskeletal and connective tissue disorders		<ul><li>Very high</li></ul>		4	26	10	1				9	4	4	4	2	3			₽	٠
Carcinogenicity * Injury, poisoning and procedural complica		Very high	5	4	25	6	3				4	3	1	4	3					•
Contusion • Injury, poisoning and procedural complications • Very high		Very high	1	2	22	11	2				10	4	1	6	3				₾	•
Diarrhoea * Gastrointestinal disorders		5	7	41	16	4			1	13	6	2	13	3	1	1		Û	•	
Fatigue • General disorders and administration site conditions		<ul><li>Very high</li></ul>	3	5	22	6	4		1		3	4	2	9	3	2	1	1	₾	•
Haemorrhage • Vascular disorders • Very high		7	5	38	13	4				12	6	3	9	5	1			₾		
Headache * Nervous system disorders   • Very high		5	9	42	16	4			1	12	6	2	15	3	2	1		₾	٠	
Hypertension * Vascular disorders   Very high		<ul><li>Very high</li></ul>	3	4	33	16	3				15	2	2	6	4				<b>#</b>	
Infection • Infections and infestations		Very high	5	4	30	8	3			1	9	3	1	6	3				₾	4
Nausea * Gastrointestinal disorders		Wary high	3	4	27	9	3			1	9	,		4	3		,		r)	1



## OFF-X empowers clinical researchers to design safe and successful trials with unrivalled, high-quality curated data:



Spend less time gathering data so you can focus on what matters most.



Access expertly curated data from a broad range of sources, including journal articles, conferences, company communications, clinical trial registries, regulatory documents and FAERS/JADER.



Keep up with critical safety information impacting your assets with daily updates (including announcements of clinical holds due to serious adverse events or interim clinical trial results)



Visualize and digest insights faster with intuitive comparison tables and dashboards.

## **About Clarivate**

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