

Benchmarking rosnilimab's positive phase 2 data in rheumatoid arthritis

									ACR20			ACR50			ACR70		
Population	Drug	Company	Status	Dosing	MoA	Phase	Timepoint	Arm	Active	PBO	PBO-Adj	Active	PBO	PBO-Adj	Active	PBO	PBO-Adj
Bio Experienced	Rosnilimab	AnaptysBio	Active	Q2W	PD-1 agonist	Ph2b (RENOIR)	14 weeks	600mg	71.0%	46.0%	25.0%	56.0%	23.0%	33.0%	39.0%	7.0%	32.0%
	Upadacitinib	abbvie	Active	Oral daily	JAK inhibitor	Ph3 (SELECT-CHOICE)	12 weeks	15mg	75.6%	N/A	N/A	46.2%	N/A	N/A	21.5%	N/A	N/A
							24 weeks		78.9%	N/A	N/A	59.4%	N/A	N/A	37.3%	N/A	N/A
	Abatacept	Bristol Myers Squibb	Active	Q4W	Bio DMARD	Ph3 (SELECT-CHOICE)	12 weeks	500-1000mg	66.3%	N/A	N/A	34.3%	N/A	N/A	13.6%	N/A	N/A
							24 weeks		73.8%	N/A	N/A	49.5%	N/A	N/A	26.5%	N/A	N/A

Note: As of 2/12/2025

Key takeaways:

- Lilly discontinued their PD-1 RA program in Oct’24, which triggered a big dip in ANAB stock due to the parallel mechanism readthrough
- ANAB released data yesterday for their own PD-1 RA agonist that was overall positive
 - Week 12 data was okay, but Week 14 data was great, which raised concerns about potential bias being introduced (patients had to achieve a CDAI LDA score of ≤10 to be eligible to continue treatment), but there is evidence this is a feature of PD-1 agonism
- The most relevant patient population commercially (and the one flagged in the table above) is in patients with inadequate response or intolerance to DMARDs – while the timepoints don’t line up perfectly, on an absolute basis rosnilimab 14-week data held up against Rinvoq 24-week data
 - We’d expect rosnilimab data to continue to improve to 28-weeks (we’ll get an update later this year) and handily surpass Rinvoq
 - Real-world patients don’t discontinue treatment at either 12 or 14 weeks, so assessing efficacy durability at 28-weeks and beyond will be critical

Powered By Sleuth Insights

Other PD-1 assets in rheumatoid arthritis



JNJ-67484703
Ph1 (Active, IST)



MB151
Ph1 (Unknown)



GenSci120
Ph1 (Active)



SAB03
PC (Active)



Peresolimab
Ph2 (Discontinued)