

Number of Patients Enrolled in MMP Trials

STREAM lab

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We searched ClinicalTrials.gov for phase 3 trials matching the intervention: marimastat OR "BB-2516" OR prinomastat OR AG3340 OR Tanomastat OR "BAY 12-9566" OR "BMS-275291" OR neovastat. This yielded 9 clinical trials. We also searched Pubmed for the same interventions; after applying the clinical trial filter and found 63 results. After manual curation, publication search and de-duplication, our sample included 14 phase 3 clinical trials for MMP inhibitors.

We searched ClinicalTrials.gov for phase 3 trials matching the intervention: AMG479 OR ganitumab OR AVE1642 OR AXL1717 OR BIIB022 OR "BMS-754807" OR "CP-751 871" OR figitumumab OR "IGV-001" OR IMCA12 OR cixutumumab OR "KW-2450" OR MK7454 OR robatumumab OR MK0646 OR dalotuzumab OR MM141 OR istiratumab OR OSI906 OR linsitinib OR PL225B OR RG1507 OR teprotumumab OR XL228. This yielded 10 clinical trials. We also searched Pubmed for the same interventions; after applying the clinical trial filter, we found 130 results. After manual curation, publication search and de-duplication, our sample included 10 phase 3 clinical trials for IGF-1R inhibitors. We included the phase 3 trials mentioned in the supplementary materials for Jentsch 2023, however only one non-duplicate trial was found, and no publication could be identified for it.

Data extraction

We extracted total enrolment (all patients randomized), patients receiving the drug of interest (the number of patients on the arm of the trial where they received the MMP or IGF-1R inhibitor) and treatment-related deaths among those randomized to receive an MMP or IGF-1R inhibitor.

Results

Mechanism of action	Number of trials	Total enrolment	Patients receiving drug of interest	Treatment-related deaths
IGF-1R	10	3104	1729	28
MMP	14	4502	2410	10