



Threshold Pharmaceuticals

Pharma & biotech

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\$2.92

TH-302 Phase II GBM plans confirmed

Additional interim data from the ongoing Phase I/II investigator-led trial of Threshold's TH-302 in glioblastoma (GBM) have been reported at the SNO (society for neuro-oncology) conference. Based on the early signs of efficacy observed, with survival exceeding historic reference data, plans for an investigator-led, two-centre Phase II trial have now been confirmed, supported by an FDA grant. GBM could be an indication eligible for accelerated development, given the unmet medical need.

Overall survival of 4.6 months in third-line GBM

The Phase I/II investigator-led trial of TH-302 in combination with Avastin (bevacizumab) as third-line treatment in recurrent GBM patients who progressed following second-line Avastin has now completed recruitment and updated interim data from 23 patients were presented at SNO. Patients in this setting have a very poor prognosis, with progression after around a month, and overall survival (OS) of around three months. In this trial, OS to date is 4.6 months and PFS (progression-free survival) is 2.8 months. There remain one complete and three partial responses, an 18% response rate in the 22 evaluable patients. 10 patients have stable disease (SD), including one patient with SD of nearly 45 months.

Mild to moderate adverse events

There remain no grade 4 adverse events (AEs) in these 23 patients, which include 13 patients at the highest 670mg/m² dose. There have been three Grade 3 AEs; skin ulceration at 340mg/m², oral mucositis and thrombocytopenia both at 670mg/m². The majority of AEs were Grade 1 or 2 mucosal-related, which were not dose-limiting. The maximum tolerated dose has been established as 670mg/m².

Phase II plans confirmed

The lead investigator from the ongoing Phase I/II study has been awarded an FDA grant to pursue a Phase II study. This planned trial will be in the same patient setting and will recruit up to 33 patients examining 670mg/m². The trial will also include PET imaging to investigate potential predictive markers.

Valuation: EV of around \$115m

End-September net cash of \$68.5m implies an EV of only c \$115m. TH-302 has been partnered with Merck KGaA in a \$525m deal and has potential across a broad range of tumours, with Phase III trials in both STS and pancreatic cancer ongoing.

Consensus estimates						
Year end	Revenue (\$m)	PBT (\$m)	EPS (\$)	DPS (\$)	P/E (x)	Yield (%)
12/12	5.9	(71.1)	(1.31)	0.0	N/A	N/A
12/13	12.5	(28.2)	(0.49)	0.0	N/A	N/A
12/14e	15.2	(25.0)	(0.46)	0.0	N/A	N/A
12/15e	16.5	(29.4)	(0.55)	0.0	N/A	N/A
Source: Blo	omberg					

Market cap \$183m

Share price graph

Share details Code THLD Listing NASDAQ Shares in issue 62.8m

Business description

Threshold Pharmaceuticals is a US oncology company focused on tumour hypoxia, a low-oxygen condition found in most solid tumours and some blood cancers. TH-302 is in Phase III for STS and pancreatic cancer, in addition to trials in multiple other cancers and is partnered with Merck KGaA.

Bull

Price

3.5

- TH-302 has potential in a number of cancer indications, as both monotherapy in some cancers, and in combination with chemotherapy and antiangiogenics.
- Merck KGaA funds 70% of TH-302 development.
- Solid cash position of \$68.5m (end September).

Bear

- TH-302 could fail to show a survival benefit in Phase III (STS and pancreatic cancer).
- Oncology is a highly competitive space.
- Single-product risk.

Analysts

Dr Philippa Gardner +44 (0)20 3681 2521

Emma Ulker +44 (0)20 3077 5738

Dr Mick Cooper +44 (0)20 3077 5734

healthcare@edisongroup.com

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