Preparation of a clinical trial with a-TIGIT antagonist antibody EOS-448, which demonstrates potent preclinical activity and safe toxicology profile

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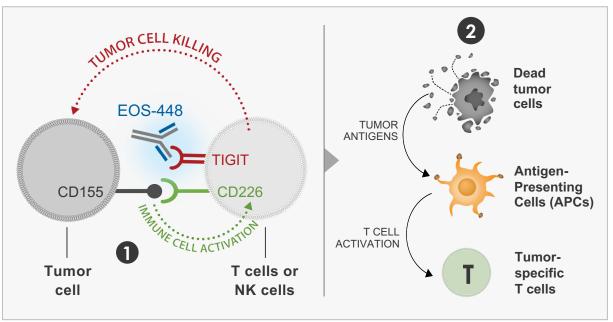
Author Disclosure Information

• All authors are (or were former) employee of iTeos Therapeutics SA

Multiple Mechanisms of Action of **EOS-448** to Restore Antitumor Immunity

MECHANISM 1:

EOS-448 blocks the TIGIT receptor, enhancing anti-tumor activity, and the death of tumor cells further augments the immune response.

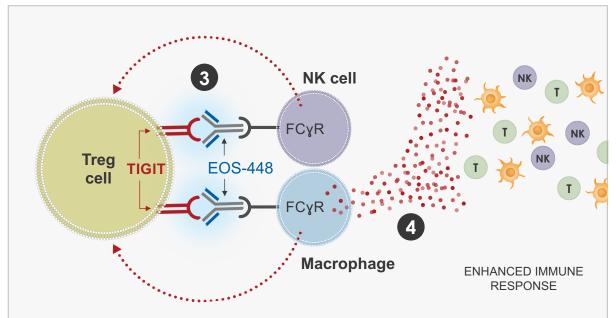


- **1** EOS-448 blocks TIGIT, increasing the availability of CD155/CD112 to bind to CD226 receptor, without competition. This blocks the activation of TIGIT's immunosuppressive function and activates anti-tumor immune cells.
- **2** Tumor destruction can lead to cross presentation of antigens by Antigen Presenting Cells (APCs) to T cells and augmentation of the immune response.

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MECHANISM 2:

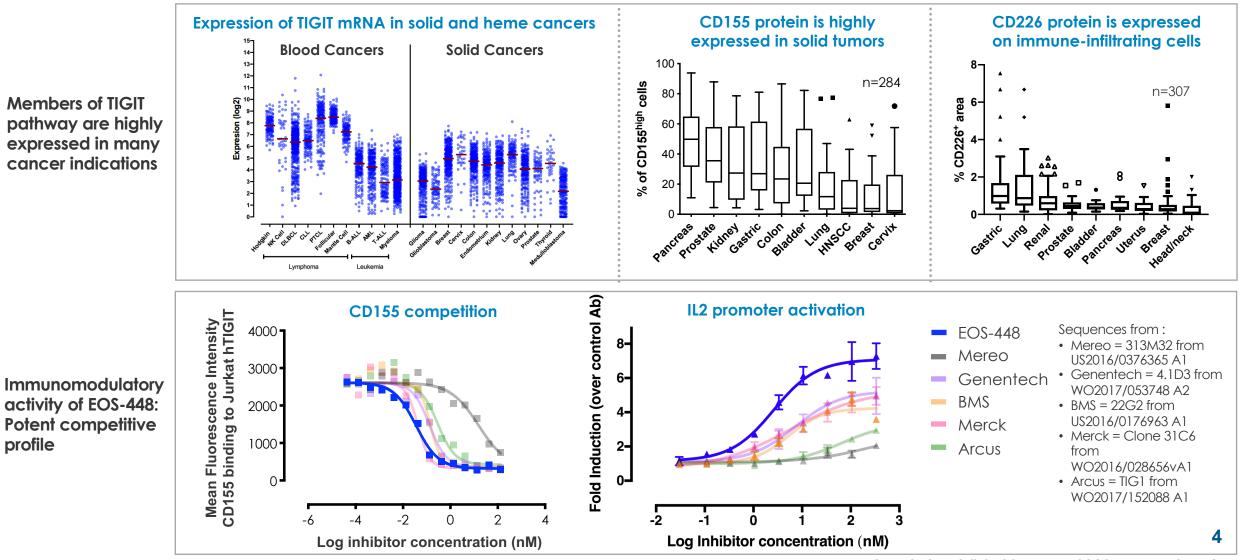
EOS-448 depletes immunosuppressive Treg cells, and EOS-448 stimulates cytokines to activate more immune cells.



- **3** Regulatory T cells (Tregs) inhibit the anti-tumor function of cytotoxic T cells. EOS-448 binds to TIGIT which is highly expressed on the surface of Tregs and stimulates NK cells and macrophages mediated cytotoxicity via FcyR engagement.
- **4** NK and macrophage activation stimulates the release inflammatory cytokines that signal and activate other immune cells to further augment the anti-tumor response.

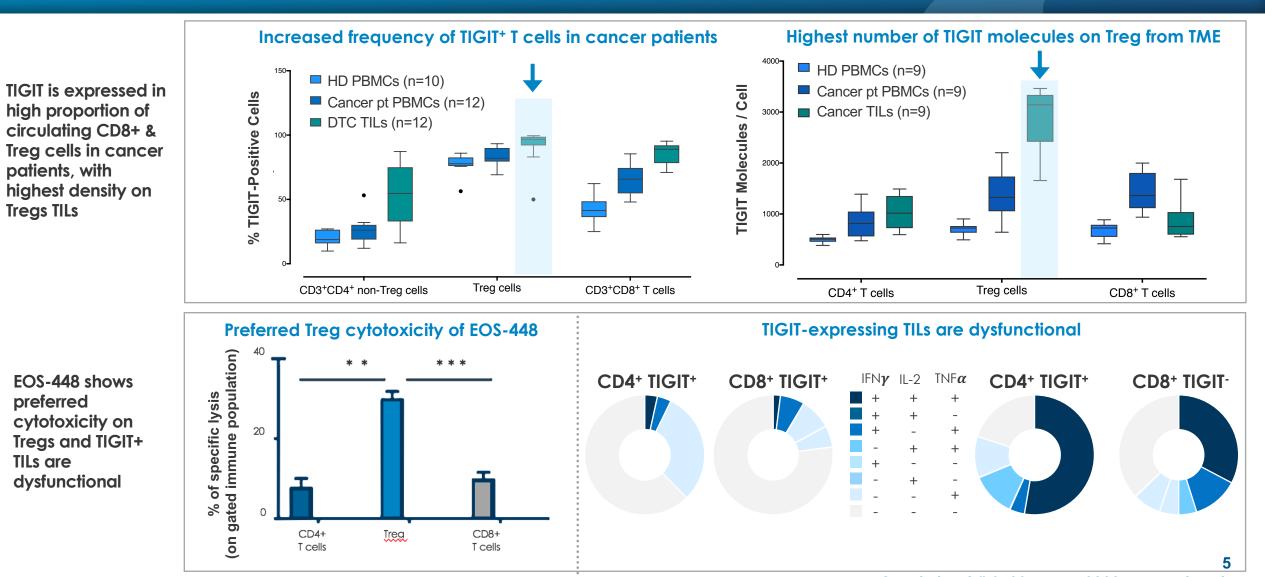
EOS-448 has a Competitive Profile with Potential for Benefit in a Broad Range of Cancer Indications

profile



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Tregs, Particularly TILs, Express the Highest Level of TIGIT, Making Tregs a Preferred Target for Depletion by **EOS-448**

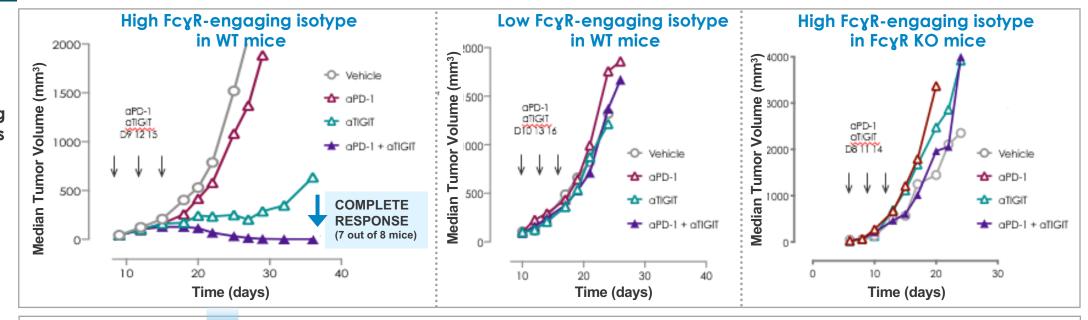


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FcyR Engagement is *Critical* for Anti-Tumor Activity of a-TIGIT Ab in CT26 Colon Cancer Model

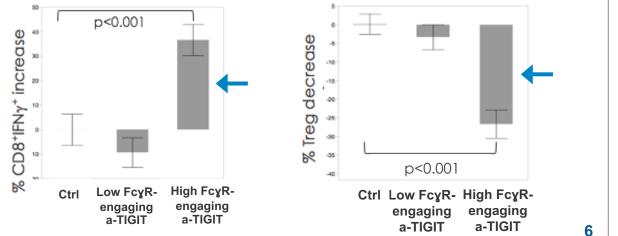
EOS-448 demonstrates strong antitumor activity as single agent & in combination with anti-PD-1 Ab, that is fully dependent on FcyR engagement

EOS-448 efficacy correlates with increased proportion of IFN₈+ TILs and Treg depletion in the TME



Antitumor activity correlates with:

- increased in IFNy CD4+ and CD8+ T cells within TME
- decreased proportion of Treg within TME
- Long-term memory response



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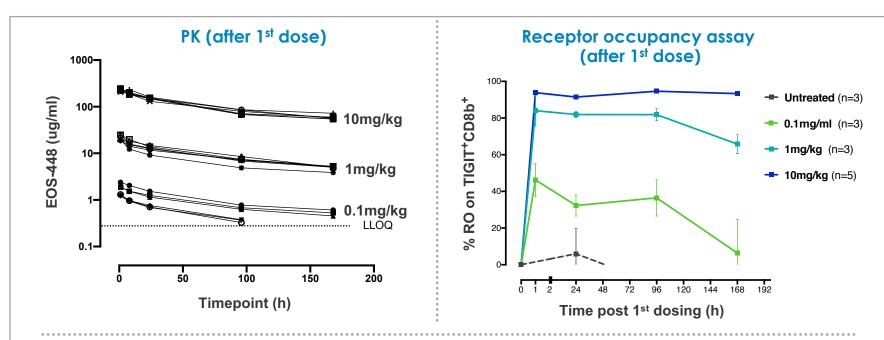
Cyno GLP Tox Shows Classical hlgG1 PK Profile for **EOS-448** and Clean Safety Profile with NOAEL* at Highest Tested Dose (10mg/kg)

*NOAEL = No Observed

Adverse Effect Level

°HNSTD = highest non

severely toxic dose



Clean GLP toxicity profile in cynomolgus

- ✓ Well tolerated at all tested doses
- ✓ No abnormalities during dosing phase and recovery examinations
- ✓ Classical IgG1 PK profile → NOAEL* =HNSTD° = 10mg/kg

Ongoing Phase 1/2 Trial & ongoing preparation of Phase 2 expansions

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Single Agent Dose Escalation to Define RP2D

Advanced solid tumor patients (n=30) (NCT04335253):

- Multicenter, open label
- Flat dose infusion
- Mandatory pre- & ontreatment biopsy