

New preclinical data for ATOR-1144 demonstrate potential for activation of both the innate and the adaptive immune system, as well as direct anti-tumor effects

Lund, Sweden, April 2, 2019 – Alligator Bioscience (Nasdaq Stockholm: ATORX), today announce that new preclinical data on the drug candidate ATOR-1144 will be presented at the scientific conference AACR (American Association for Cancer Research), held in Atlanta on March 29 - April 3, 2019. ATOR-1144 is a first-in-class bispecific tumor-localized antibody targeting the checkpoint inhibitor CTLA-4 and the co-stimulatory receptor GTR (Glucocorticoid-Induced TNFR family Related).

The new preclinical data demonstrate that ATOR-1144 works through several pathways: activation of effector T cells, depletion of regulatory T cells (Tregs) and tumor cells and activation of NK (natural killer) cells, with potential for enhanced tumor cell killing. In addition, GTR is shown to be expressed on tumor-infiltrating lymphocytes and neoplastic cells in tumor samples from e.g. head and neck, esophageal, ovarian cancer, melanoma and B and T cell lymphoma, allowing for direct tumor cell killing.

“We are excited to present ATOR-1144 to the scientific community. It is a novel tumor-localizing CTLA-4 bispecific antibody with the potential for enhanced immune-activation of both the adaptive and the innate immune system, as well as direct anti-tumor effects. These properties are likely to act in concert and give ATOR-1144 the potential for superior efficacy”, said Per Norlén, CEO of Alligator Bioscience.

Dr Anne Månsson Kvarnhammar, Senior Scientist at Alligator, will present a poster (#4077) with the title: **“ATOR-1144 is a tumor-directed CTLA-4 x GTR bispecific antibody that acts by depleting Tregs and activating effector T cells and NK cells”** on Tuesday, April 2, 1:00 p.m. EDT (7:00 p.m. CEST). The poster will then be available on www.alligatorbioscience.com.

For further information, please contact:

Cecilia Hofvander, Director Investor Relations & Communications

Phone +46 46 540 82 06

E-mail: cecilia.hofvander@alligatorbioscience.com

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About ATOR-1144

ATOR-1144 is a bispecific IgG1 antibody drug candidate targeting both CTLA-4 and GITR. It is a combination of a GITR specific antibody isolated from ALLIGATOR-GOLD[®], while the CTLA-4 part was developed by FIND[®] optimization of CD86, a natural CTLA-4 ligand.

About Alligator Bioscience

Alligator Bioscience AB is a clinical-stage biotechnology company developing tumor-directed immuno-oncology antibody drugs. Alligator's growing pipeline includes five lead clinical and preclinical drug candidates: ADC-1013, ATOR-1015, ATOR-1017, ALG.APV-527 and ATOR-1144. Alligator's shares are listed on Nasdaq Stockholm (ATORX). The Company is headquartered in Lund, Sweden, and has approximately 55 employees. For more information, please visit www.alligatorbioscience.com.

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