

VAXIMM Announces Preclinical Results with Novel Oral T-cell Cancer Immunotherapies Being Presented at Third CRI-CIMT-EATI-AACR Conference

- Treatment with VXM10 against PD-L1 or VXM06 against WT-1 induced sustained anti-cancer activity that translated into 100% survival in a leukemia mouse model

Basel (Switzerland) and Mannheim (Germany), September 5, 2017 – VAXIMM AG, a Swiss/German biotech company focused on developing oral T-cell immunotherapies, today announced that preclinical data for two of its programs are being presented at the upcoming “Third CRI-CIMT-EATI-AACR International Cancer Immunotherapy Conference: Translating Science into Survival” being held September 6-9, 2017 in Mainz, Germany. The posters will be presented during "Poster Session B" on September 8 from 6:30pm to 8:30pm. The abstracts are available on the [conference website](#).

The first poster, “*A live attenuated Salmonella Typhimurium oral T cell vaccine against PD-L1 protects 100% of animals from a leukemia challenge,*” summarizes the immunogenicity and anti-cancer efficacy of the *Salmonella Typhimurium*-based vaccines VXM10m and VXM10ma, transformed with eukaryotic expression plasmids encoding the full-length murine programmed death-ligand 1 (PD-L1) protein or a truncated form of PD-L1, respectively. Multiple oral administrations of VXM10m and VXM10ma were generally well tolerated, and neither sign of toxicity nor body weight loss were observed. Oral administration of VXM10m and VXM10ma produced a strong anti-tumor effect in the FBL-3 leukemia model, with a 100% survival rate 80 days after leukemia challenge in those groups given the highest doses. All long-term surviving mice resisted a re-challenge with FBL-3 cells, demonstrating that vaccination with VXM10m and VXM10ma generated a potent memory T-cell response against the leukemia cells. Immune response towards PD-L1 is currently being evaluated to elucidate the precise mechanism of action of these novel vaccines.

The second poster, “*Non-clinical safety, immunogenicity and antitumor efficacy of VXM06m, a live attenuated Salmonella Typhimurium oral T cell vaccine against WT-1,*” summarizes the preclinical toxicity, immunogenicity and anti-cancer efficacy of the *Salmonella Typhimurium*-based vaccine VXM06m carrying a murine Wilm's tumor 1 (WT-1) protein variant. VXM06m was well tolerated. Oral vaccination with VXM06m induced a systemic antigen-specific immune response, peaking 10 days after the last dose, and generated a rapid and strong anti-tumor effect in the FBL-3 leukemia model, with a 100% survival rate 80 days after leukemia challenge. All surviving mice resisted a re-challenge with FBL-3 cells, demonstrating that vaccination with VXM06m generated a potent memory T-cell response against the leukemia cells.

VAXIMM’s versatile technology platform is based on the live attenuated bacterial vaccine strain Ty21a and is being used to discover novel oral T-cell immunotherapies to treat a variety of cancers. The data being presented support the use of VAXIMM’s oral T-cell immunotherapy platform to stimulate an anti-tumor response against tumor-associated antigens, as well as against PD-L1-expressing cells, and pave the way for advancing VXM06 and VXM10 into clinical development.

The Third CRI-CIMT-EATI-AACR Conference is sponsored by the Cancer Research Institute (CRI), the Association for Cancer Immunotherapy (CIMT), the European Academy of Tumor Immunology (EATI), and the American Association for Cancer Research (AACR).

About VAXIMM:

VAXIMM is a privately held, Swiss/German biotech company that is developing oral T-cell immunotherapies for patients suffering from cancer. VAXIMM's product platform is based on a live attenuated, safe, orally available bacterial vaccine strain, which is modified to stimulate patients' cytotoxic T-cells to target specific structures of the tumor. VAXIMM's lead product candidate, oral VXM01, activates killer cells targeting tumor-specific vasculature and certain immune-suppressive cells, thereby increasing immune cell infiltration in solid tumors. VXM01 is currently in clinical development for several tumor types, including pancreatic, colorectal and brain cancer. In addition to VXM01, VAXIMM has a pipeline of complementary development candidates targeting different tumor structures. VAXIMM's investors include BB Biotech Ventures, Merck Ventures, Sunstone Capital and BioMed Partners. VAXIMM AG is headquartered in Basel, Switzerland. Its wholly owned subsidiary, VAXIMM GmbH, located in Mannheim, Germany, is responsible for the Company's development activities. For more information, please see www.vaximm.com.

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