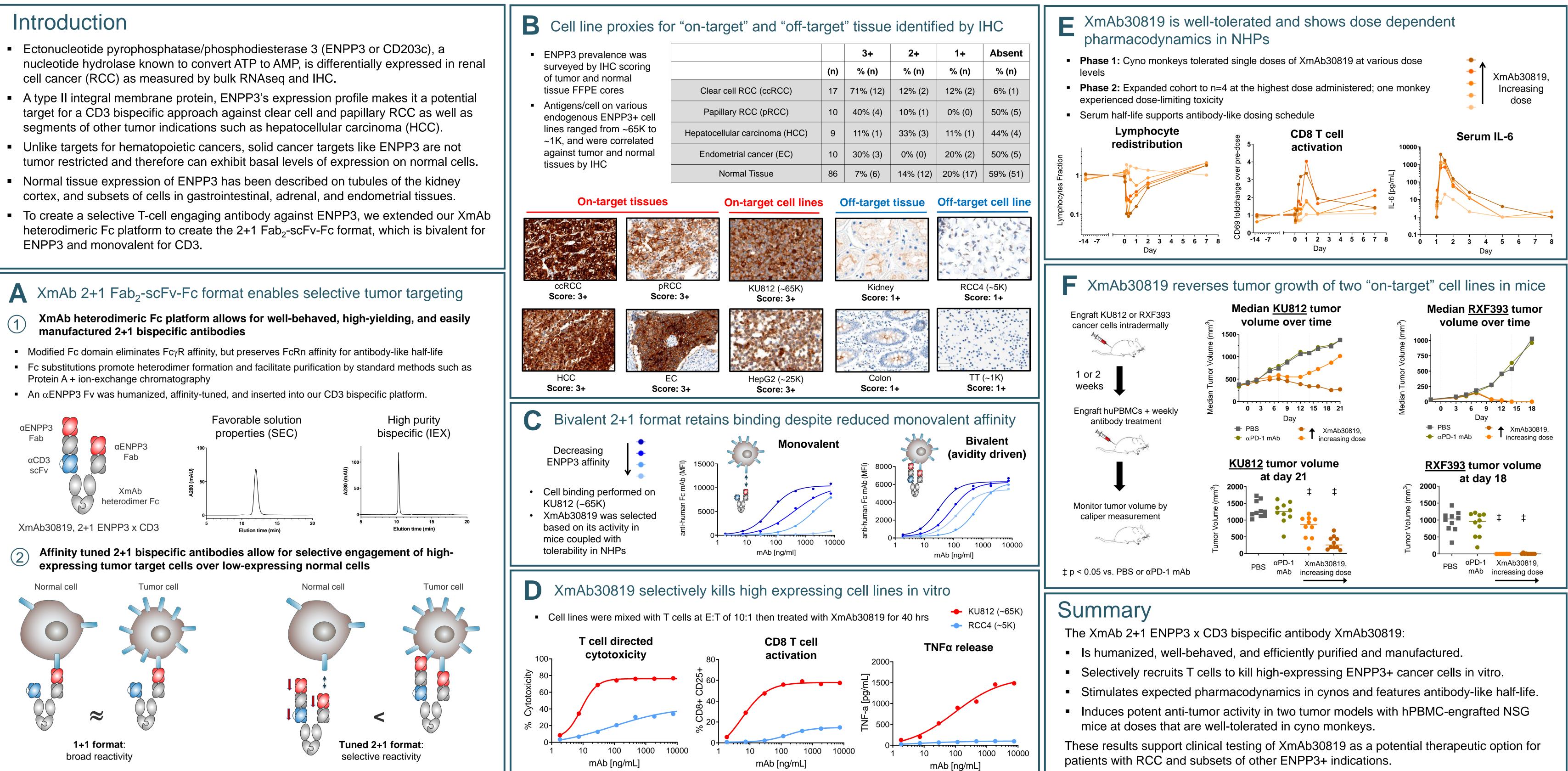
XmAb30819, an XmAb[®] 2+1 ENPP3 x CD3 bispecific antibody for RCC, demonstrates safety and efficacy in in vivo preclinical studies

Alex Nisthal, Sung-Hyung Lee, Yoon Kyung Kim, Christine Bonzon, Rumana Rashid, Kendra N. Avery, Liz Bogaert, Connie Ardila, Jing Qi, Irene W. L. Leung, Nicole Rodriguez, Umesh S. Muchhal, Gregory L. Moore, Seung Y. Chu, and John R. Desjarlais

- Ectonucleotide pyrophosphatase/phosphodiesterase 3 (ENPP3 or CD203c), a nucleotide hydrolase known to convert ATP to AMP, is differentially expressed in renal cell cancer (RCC) as measured by bulk RNAseq and IHC.
- target for a CD3 bispecific approach against clear cell and papillary RCC as well as segments of other tumor indications such as hepatocellular carcinoma (HCC).
- tumor restricted and therefore can exhibit basal levels of expression on normal cells.
- cortex, and subsets of cells in gastrointestinal, adrenal, and endometrial tissues.
- To create a selective T-cell engaging antibody against ENPP3, we extended our XmAb heterodimeric Fc platform to create the 2+1 Fab₂-scFv-Fc format, which is bivalent for ENPP3 and monovalent for CD3.



Contact: jrd@xencor.com

AACR 2020 Abstract #6558 **Poster #2286**

Xencor

patients with RCC and subsets of other ENPP3+ indications.