



tknife

TRANSFORMING
T-CELL THERAPY

We are looking for individuals to join us who are inspired to work at a company that is rapidly growing, with an international team, that works on cutting edge science. We are committed to hiring people from diverse and unique personal and professional backgrounds, to combine viewpoints, approaches and methodologies, and to build together transformative therapies for cancer patients. If you are innovative, collaborative, and are looking to make a huge impact, you're who we're looking for!

We are a preclinical (nearly clinical) stage biopharmaceutical company, developing T cell receptor (TCR) therapies for solid tumor cancers. Our dynamic team has set an ambitious goal to revolutionize the TCR landscape. Following our successful Series B financing, we are well positioned to reach those goals.

We have the benefit of being transatlantic, with locations in San Francisco and Berlin, and are looking to expand in all locations. We have a strong team of scientists who have demonstrated preclinical proof-of-concept with multiple TCRs, have validated the platform for over 90 undisclosed cancer targets, and have several drug candidates currently in preclinical development. We are on track to enter the clinic with our first program by the end of 2021.

It's an exciting time to join T-knife!

To achieve our goals, we are looking for you as our next

Bioinformatician – Target Identification (F/M/X)

In that role you will identify new targets for treating solid tumor indications with engineered TCRs and biomarkers to understand patient responses.

The position will be based in T-knife's sites in Germany or in the US, and also offers the possibility of remote work.

Your Responsibilities:

- High throughput analysis of multi-omics data for the identification of novel therapeutic targets suitable for treating solid tumors with engineered TCR-T therapies
- In collaboration with the Target Identification scientist and the TCR development team, design and conduct experimental workflows focused on the identification and validation of new TCR targets. Assays include Flow cytometry, CyTOF, MDS, single cell cytokine secretion and NGS, including bulk and sc RNA-Seq, bulk and sc ATAC-Seq and CITE-seq
- In collaboration with the Immune monitoring and Clinical teams, apply machine learning and integrative data analysis methodologies to understand patient responses

Your Profile:

- PhD in computational biology, bioinformatics or similar
- Industry or postdoctoral experience in genetics, oncology or oncoimmunology as well as prior experience in drug discovery is a strong plus.
- Proficiency in bioinformatics tools, such as R and python, and experience in Linux environments

- Mastery in developing large scale bioinformatic analysis pipelines and statistical programming languages
 - Experience in bioinformatic analysis of single cell sequencing and mass spectrometry data, CRISPR edits and genomic assemblies
 - Sound knowledge in generating robust statistical models to predict outcomes in multidimensional data
 - Ability to translate and communicate complex information and concepts to scientists of diverse backgrounds
 - Strong communication skills, team spirit and flexibility, and can-do attitude
 - Translational mindset, problem-solving abilities, and analytical thinking with a high degree of initiative and self-organization
 - Fluency in English, oral and in writing
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What We Offer:

- A permanent position in a young, growing, and dynamic company
- An inspiring work environment where we shape therapeutic innovations and continuously strive to improve the lives of patients
- The possibility to contribute to the built-out of our innovative and unique HuTCR mouse platform and in the development of novel T cell therapies
- Our company culture develops from a start-up mentality with professional execution, team spirit, motivation, and personal drive
- One of our maxims: **We walk our talk**

Please send us your full application including possible starting dates and your expected compensation using the email subject “Application TKN0035” to career@t-knife.com