



Creating Powerful
Proinflammatory
Cancer Therapies

Trial in Progress

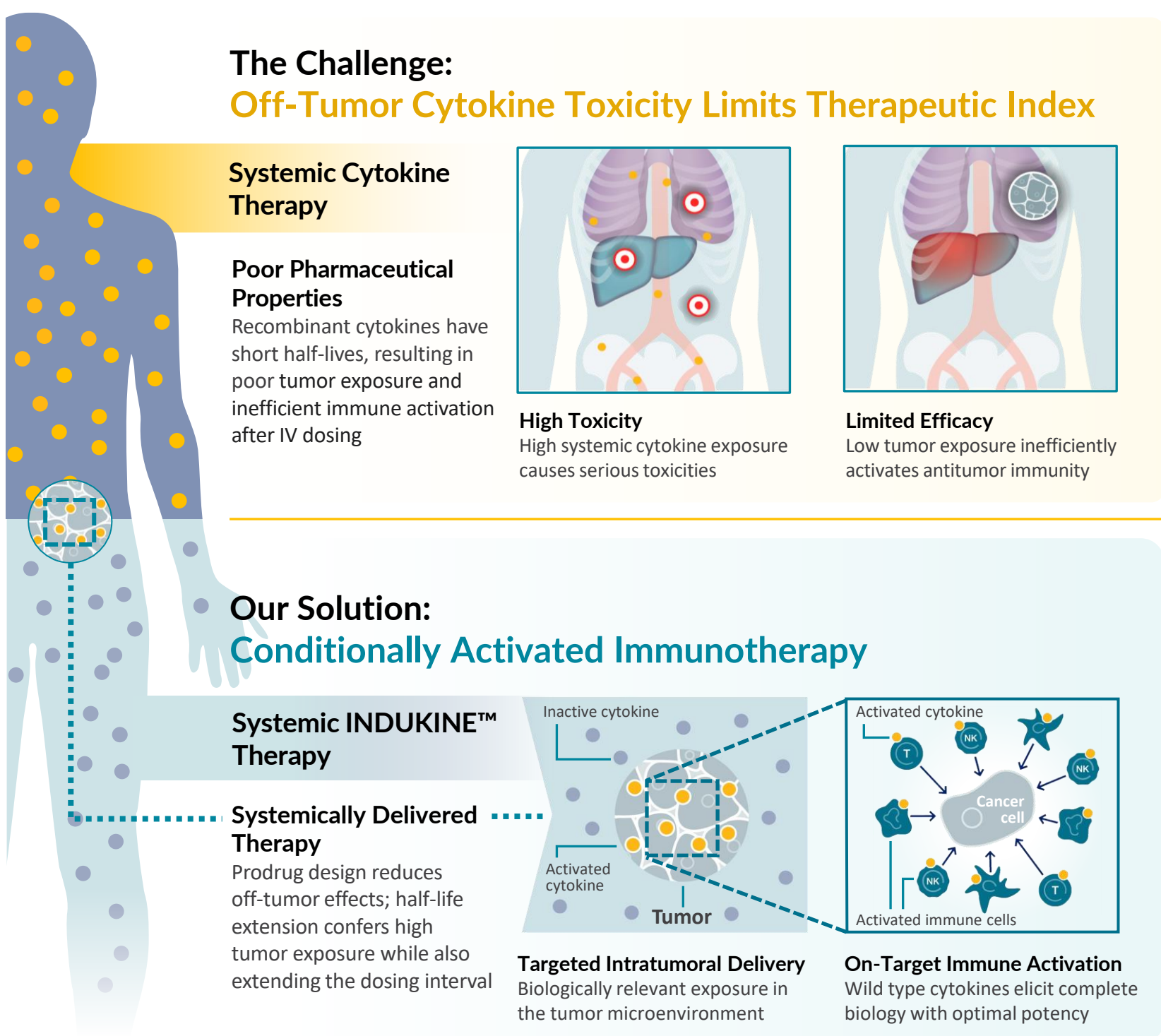
A multicenter phase 1/1b dose escalation study of WTX-124 as a monotherapy and in combination with pembrolizumab in patients with selected advanced or metastatic solid tumors

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This study is in collaboration with Merck Sharp & Dohme LLC, a subsidiary of Merck & Co., Inc., Rahway, NJ, USA

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OUR APPROACH: CONDITIONALLY ACTIVATED IMMUNOTHERAPY



BACKGROUND

Development of an IL-2 prodrug for cancer immunotherapy

- An unmet medical need exists for patients with advanced cancer who are non-responsive to immunotherapy and/or who progress on SOC checkpoint inhibitor regimens
- IL-2 could help to address this need through its established immune-stimulatory activities. IL-2 promotes differentiation, expansion, and activation of effector and memory T cells as well as enhances T and NK cell functional activity. In mice with chronic LCMV infection, IL-2 has synergistic activity with PD-1 blockade by acting on PD-1⁺TCF1⁺ stem-like CD8⁺ T cells
- High dose (HD) recombinant human IL-2 (rhIL-2; Proleukin™) is FDA approved for patients with advanced or metastatic cutaneous melanoma and renal cell carcinoma

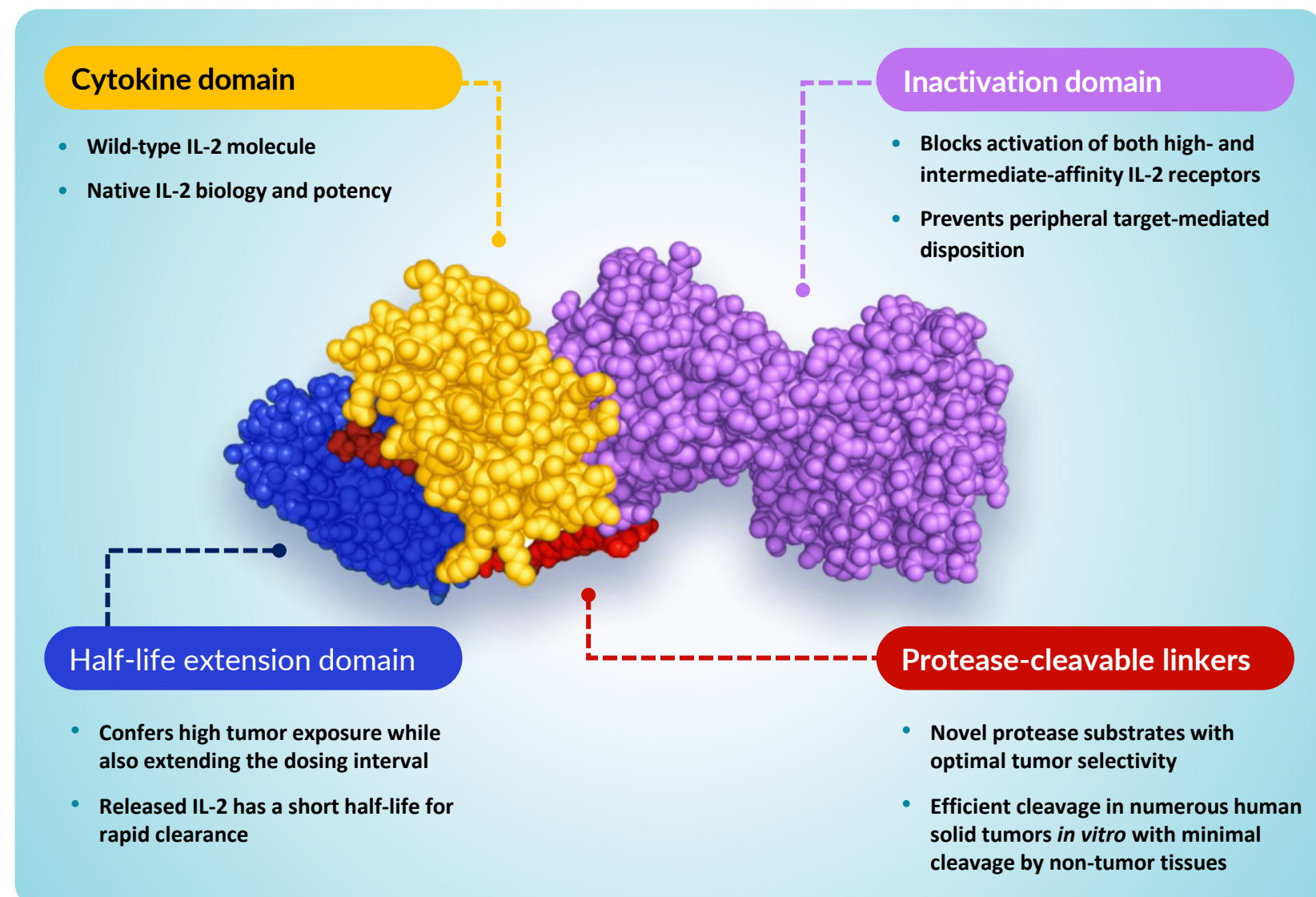
Unfortunately, use of HD rhIL-2 is limited by:

- Life-threatening toxicities (i.e., FDA black-box warning for capillary leak syndrome)
- A requirement for inpatient administration with accessible ICU-level care
- Preferential treatment of patients with optimal performance status and few comorbidities
- An inconvenient dosing schedule (every 8 hours for 5 days)
- Low overall response rate at the approved dose

A reliable strategy to systemically deliver IL-2 with tumor-restricted activity would represent a major advance in the field of cytokine therapy and could address a major unmet medical need

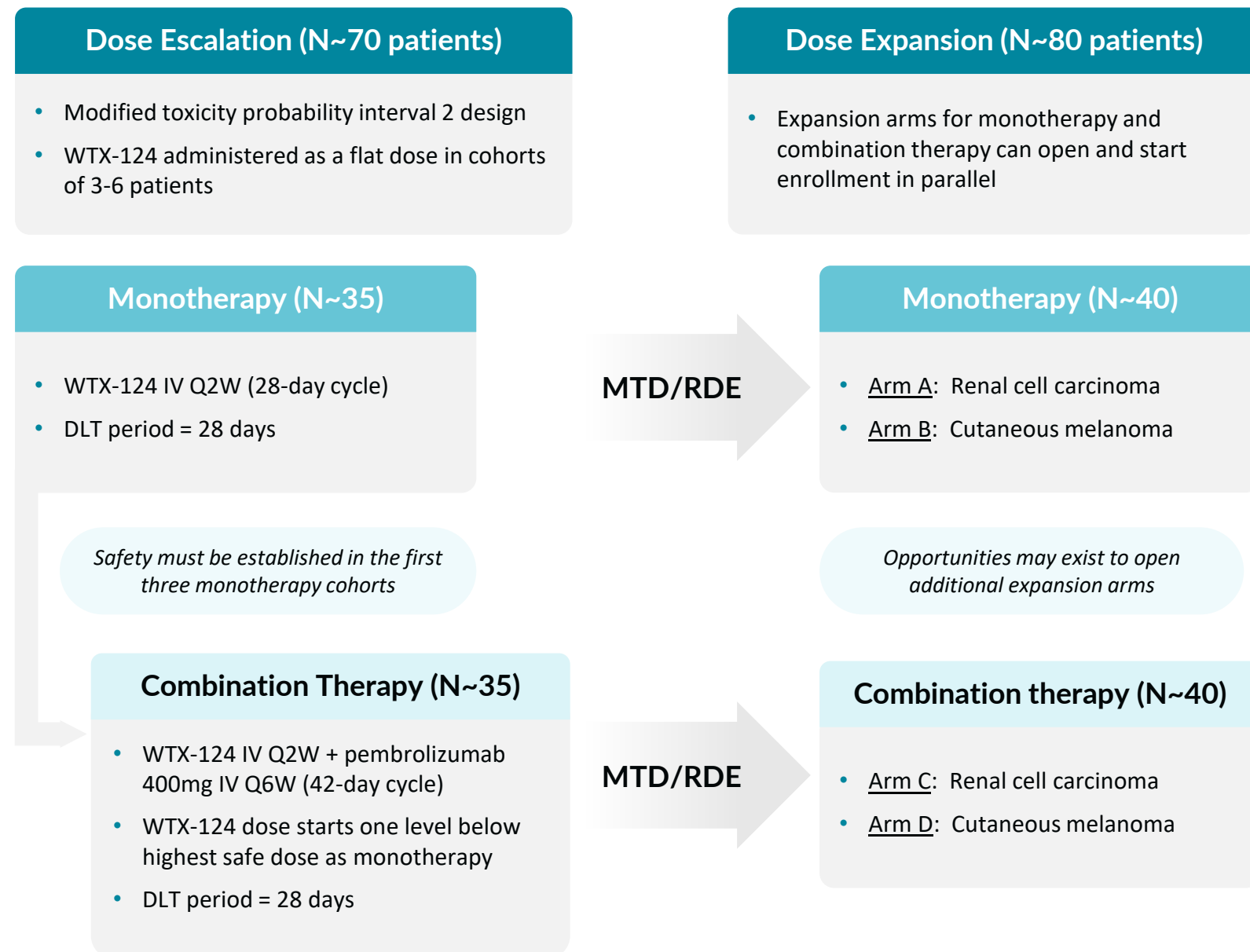
WTX-124

An IL-2 INDUKINE™ molecule to address the limitations of recombinant human IL-2



WTX-124x2101 FIRST-IN-HUMAN STUDY DESIGN

Monotherapy and combination therapy with pembrolizumab



STUDY OBJECTIVES and ENDPOINTS

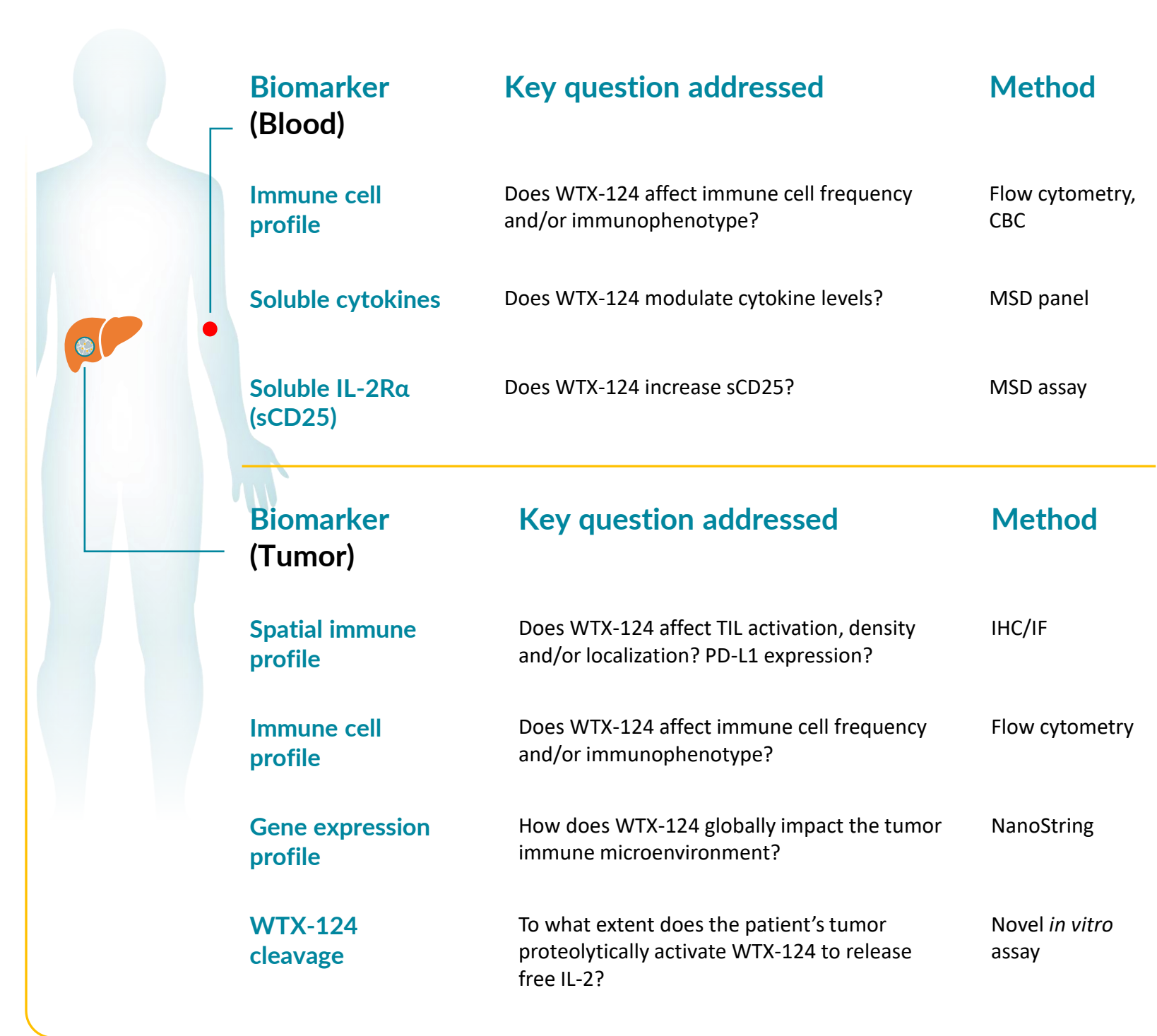
OBJECTIVES	ENDPOINTS
PRIMARY <ul style="list-style-type: none">Evaluate safety and tolerabilityDetermine the maximum tolerated dose (MTD) and/or recommended dose for expansion (RDE)Evaluate antitumor activity	<ul style="list-style-type: none">Incidence of treatment emergent adverse events (TEAEs)Incidence of dose-limiting toxicities (DLTs)Changes in clinical laboratory parametersORR and DOR (RECIST 1.1) and iORR (iRECIST)
SECONDARY <ul style="list-style-type: none">Characterize pharmacokinetic profileEvaluate antitumor activityEvaluate changes in immunological biomarkers (blood, tumor)Assess immunogenicityEvaluate overall survival (expansion only)	<ul style="list-style-type: none">Plasma [WTX-124] and [free IL-2]; calculated PK parametersPFS (RECIST 1.1) and iPFS (iRECIST)Frequency of immune cell subsets (blood)Lymphocyte density and/or activation state (tumor)Antidrug antibody (ADA) occurrenceOverall survival
EXPLORATORY <ul style="list-style-type: none">Evaluate pharmacodynamicsInvestigate immunological biomarkers (blood, tumor) that may correlate with treatment outcomeAssess tumor biopsies for potential biomarkers of target engagement and immune activation	<ul style="list-style-type: none">Cytokine levelsPeripheral lymphocytes, eosinophilsIntratumoral immune cell frequencyTumor microenvironment gene expression profileProdrug activation in tumor biopsy <i>in vitro</i>

PATIENT POPULATIONS

	1. MONOTHERAPY (WTX-124)	1b. COMBINATION (WTX-124/pembrolizumab)
DOSE ESCALATION		
Any solid tumor for which an immune checkpoint inhibitor (ICI) is approved	<ul style="list-style-type: none">Relapsed/refractory to SOCNo more than 4 prior linesPrior ICI is mandatory	<ul style="list-style-type: none">Relapsed/refractory to SOCNo more than 4 prior linesPrior ICI is mandatoryNo d/c of anti-PD-(L)1 due to irAE(s)
DOSE EXPANSION		
Renal Cell Carcinoma	Arm A (RCC) and Arm B (Melanoma) <i>All received prior ICI</i> <ul style="list-style-type: none">No more than 3 prior linesPrior VEGFi, ICI are mandatoryOnly 1 prior line with ICI	Arm C (RCC) and Arm D (Melanoma) <i>Prior ICI not required for melanoma</i> <ul style="list-style-type: none">No more than 2 prior linesPrior VEGFi, ICI are mandatoryOnly 1 prior line with ICINo d/c of anti-PD-(L)1 due to irAE(s)
Melanoma (BRAF wild type)	<ul style="list-style-type: none">No more than 1 prior linePrior ICI is mandatoryAdjuvant is a prior line if pt. relapses within 6 months of completion	<ul style="list-style-type: none">0-1 prior lines (i.e., can be ICI naïve)Adjuvant is a prior line if pt. relapses within 6 months of completionNo d/c of anti-PD-(L)1 due to irAE(s)
Melanoma (BRAF mutant)	<ul style="list-style-type: none">No more than 2 prior linesPrior ICI is mandatory, but not BRAFi/MEKiAdjuvant is a prior line if pt. relapses w/in 6 months of completion	<ul style="list-style-type: none">0-2 prior lines (i.e., can be ICI and BRAFi/MEKi naïve)Adjuvant is a prior line if pt. relapses within 6 months of completionNo d/c of anti-PD-(L)1 due to irAE(s)

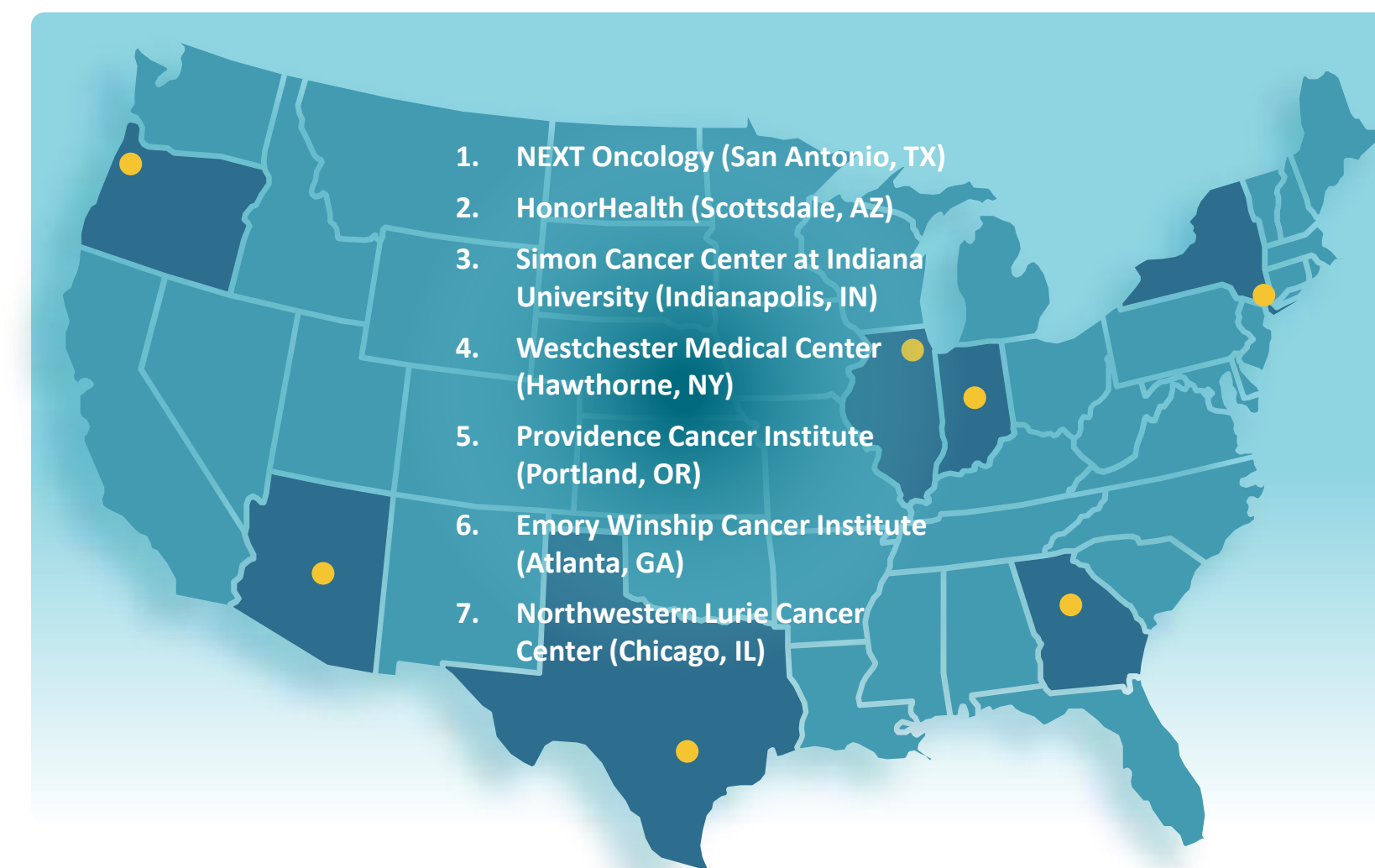
TRANSLATIONAL BIOMARKER STRATEGY

Interrogating antitumor immune activation in patients



ACTIVE STUDY SITES

Assembling a world-class team of clinical investigators



SUMMARY and CONCLUSIONS

- Recombinant human IL-2 is an approved treatment for advanced melanoma and renal cell carcinoma, but its use is limited by a narrow therapeutic index
- WTX-124 is a novel INDUKINE™ molecule rationally engineered to optimize the therapeutic index for IL-2 therapy
- WTX-124 incorporates a wild type cytokine anticipated to leverage the full biology and potency of IL-2 to stimulate antitumor immune responses
- Enrollment in monotherapy dose escalation of the WTX-124x2101 first-in-human study is presently ongoing
- Guiding towards data package in 4Q 2023

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CLINICAL TRIAL PAGE:



<https://clinicaltrials.gov/ct2/show/NCT05479812>