# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 6-K

## REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

May 10, 2022
Commission File Number: 001-39363

## **IMMATICS N.V.**

Paul-Ehrlich-Straße 15
72076 Tübingen, Federal Republic of Germany
(Address of principal executive office)

(Address of principal executive office)						
Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:						
	Form 20-F		Form 40-F			
Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):						
indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):						

#### INFORMATION CONTAINED IN THIS REPORT ON FORM 6-K

On May 10, 2022, Immatics N.V. (the "Company") announced the initiation of a Phase 1 clinical trial with its T cell engaging receptor (TCER®) IMA401 for patients with recurrent and/or refractory solid tumors. IMA401 is the most advanced product candidate from Immatics' TCR Bispecific pipeline targeting an HLA-A\*02-presented peptide derived from both MAGEA4 and MAGEA8. TCER® IMA401 will be developed in collaboration with Bristol Myers Squibb. Immatics is responsible for conducting the Phase 1 clinical trial. The primary objectives of the clinical trial (NCT#05359445) are to determine the maximum tolerated dose (MTD) and/or the recommended phase 2 dose (RP2D) for IMA401 in biomarker-positive (HLA-A\*02:01 and MAGEA4/8) patients with recurrent and/or refractory solid tumors. Secondary objectives are to characterize safety and tolerability, evaluate initial anti-tumor activity and assess pharmacokinetics of IMA401. The Phase 1 trial consists of a dose-escalation (Phase 1a) portion that will be followed by a dose-expansion (Phase 1b) portion to treat patients at the recommended dose level. The trial is planned to be conducted at up to 15 centers in Germany, with the first site already being initiated. The Phase 1 trial is designed to enroll approximately 50 patients

In connection with the initiation of the Phase 1 clinical trial, the Company issued a press release, a copy of which is attached hereto as Exhibit 99.1, and made available an updated investor presentation on its website, a copy of which is attached hereto as Exhibit 99.2. The fact that this presentation is being made available and filed herewith is not an admission as to the materiality of any information contained in the presentation. The information contained in the presentation is being provided as of May 10, 2022 and the Company does not undertake any obligation to update the presentation in the future or to update forward-looking statements to reflect subsequent actual results.

#### INCORPORATION BY REFERENCE

This Report on Form 6-K (other than Exhibits 99.1 and 99.2) shall be deemed to be incorporated by reference into the registration statements on Form F-3 (Registration Nos. 333-258351 and 333-240260) of Immatics N.V. and to be a part thereof from the date on which this report is filed, to the extent not superseded by documents or reports subsequently filed or furnished.

#### EXHIBIT INDEX

Exhibit No. Description

99.1 Press release dated May 10, 2022 99.2 Presentation dated May 10, 2022

**SIGNATURES** 

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized

IMMATICS N.V.

Date: May 10, 2022

By: /s/ Harpreet Singh

Name: Harpreet Singh
Title: Chief Executive Officer



#### **PRESS RELEASE**

# Immatics Initiates Phase 1 Clinical Trial to Evaluate Lead TCR Bispecific IMA401 in Patients with Advanced Solid Tumors

- Patient enrollment for IMA401 Phase 1 trial started at first clinical site in Germany
- The study will evaluate safety, tolerability, and initial anti-tumor activity of IMA401 in patients with recurrent and/or refractory solid tumors
- TCER® IMA401 targets MAGEA4/8 and will be developed in collaboration with Bristol Myers Squibb

Tuebingen, Germany and Houston, Texas, May 10, 2022 – <a href="Immatics">Immatics</a> N.V. (NASDAQ: IMTX, "Immatics"), a clinical-stage biopharmaceutical company active in the discovery and development of T cell-redirecting cancer immunotherapies, today announced the initiation of a Phase 1 clinical trial with its T cell engaging receptor (TCER®) IMA401 for patients with recurrent and/or refractory solid tumors. IMA401 is the most advanced product candidate from Immatics' TCR Bispecific pipeline targeting an HLA-A\*02-presented peptide derived from both MAGEA4 and MAGEA8. TCER® IMA401 will be developed in collaboration with Bristol Myers Squibb. Immatics is responsible for conducting the Phase 1 clinical trial.

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"IMA401 is the first TCER® candidate from our TCR Bispecifics pipeline entering clinical development, and expands our clinical portfolio with an exciting new TCR-based immunotherapy approach that can be supplied off-the-shelf compared to autologous cell therapies," said Cedrik Britten, Chief Medical Officer at Immatics. "Our innovative TCER® format leads to an extended-half-life and incorporates novel binding-moieties that are designed to maximize efficacy while

Immatics Press Release May 10, 2022

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minimizing toxicities in patients. Our TCER® IMA401 could treat a range of solid tumors and therefore meet currently unmet needs of a broad patient population. This is best achieved with a strong pharma partner which we have found in Bristol Myers Squibb."

Immatics entered into a global exclusive license agreement with Bristol Myers Squibb in December 2021 for the IMA401 program under which both companies will collaborate to advance the program through clinical development.

Immatics' TCR Bispecific pipeline includes a second TCER® product candidate, IMA402, which targets PRAME. Manufacturing of the clinical IMA402 batch is planned for the second half of 2022 and initiation of the Phase 1 trial is planned in 2023. Immatics' TCER® pipeline is further strengthened by additional innovative TCER® program(s), IMA40X, in preclinical development.

#### About IMA401

IMA401 is Immatics' most advanced TCER® molecule that targets an HLA-A\*02-presented (human leukocyte antigen) peptide derived from two different cancer-associated proteins, melanoma-associated antigen 4 and/or 8 ("MAGEA4/8"). The MAGEA4/8 peptide has been identified and validated by Immatics' proprietary mass spectrometry-based target discovery platform XPRESIDENT® and is presented at a 5-fold higher copy number per tumor cell than a MAGEA4 peptide targeted in other clinical trials. Following preclinical proof-of-concept data, including complete remissions of transplanted human-derived tumors in xenograft mouse models, the Phase 1 trial investigates IMA401 in patients with tumors of high MAGEA4/8 prevalence, such as squamous non-small cell lung carcinoma (sqNSCLC), small cell lung cancer (SCLC), head and neck squamous cell carcinoma (HNSCC), bladder, uterine, esophageal and ovarian carcinomas, as well as melanoma, sarcoma subtypes and other solid cancer types.

#### About TCER®

Immatics' half-life extended TCER® molecules are antibody-like "off-the-shelf" biologics that leverage the body's immune system by redirecting and activating T cells towards cancer cells expressing a specific tumor target. The design of the TCER® molecules enables the activation of any T cell in the body to attack the tumor, regardless of the T cells' intrinsic specificity. Immatics proprietary biologics are engineered with two binding regions: a TCR domain and a T cell recruiter domain. The TCER® format is designed to maximize efficacy while minimizing toxicities in patients. It contains a high-affinity TCR domain that is designed to bind specifically to the cancer target peptide on the cell surface presented by an HLA molecule. The antibody-derived, low-affinity T cell recruiter domain is directed against the TCR/CD3 complex and recruits a patient's T cells to the tumor to attack the cancer cells. With a low-affinity recruiter aiming for optimized biodistribution and enrichment of the molecule at the tumor site instead of the periphery, TCER® are engineered to reduce the occurrence of immune-related adverse events, such as cytokine release syndrome. In addition, the TCER® format consists of an Fc-part conferring half-life

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extension, stability, and manufacturability. TCER® are "off-the-shelf" biologics and thus immediately available for patient treatment. They can be distributed through standard pharmaceutical supply chains and provide the opportunity to reach a large patient population without the need of specialized medical centers.

- END -

#### **About Immatics**

Immatics combines the discovery of true targets for cancer immunotherapies with the development of the right T cell receptors with the goal of enabling a robust and specific T cell response against these targets. This deep know-how is the foundation for our pipeline of Adoptive Cell Therapies and TCR Bispecifics as well as our partnerships with global leaders in the pharmaceutical industry. We are committed to delivering the power of T cells and to unlocking new avenues for patients in their fight against cancer.

For regular updates about Immatics, visit www.immatics.com. You can also follow us on Twitter, Instagram and LinkedIn.

#### Forward-Looking Statements:

Certain statements in this press release may be considered forward-looking statements. Forward-looking statements generally relate to future events or Immatics' future financial or operating performance. For example, statements concerning the timing of product candidates and Immatics' focus on partnerships to advance its strategy are forward-looking statements. In some cases, you can identify forward-looking statements by terminology such as "may", "should", "expect", "intend", "will", "estimate", "believe", "predict", "potential" or "continue", or the negatives of these terms or variations of them or similar terminology. Such forward-looking statements are subject to risks, uncertainties, and other factors which could cause actual results to differ materially from those expressed or implied by such forward looking statements. These forward-looking statements are based upon estimates and assumptions that, while considered reasonable by Immatics and its management, are inherently uncertain. New risks and uncertainties may emerge from time to time, and it is not possible to predict all risks and uncertainties. Factors that may cause actual results to differ materially from current expectations include, but are not limited to, various factors beyond management's control including general economic conditions and other risks, uncertainties and factors set forth in filings with the SEC. Nothing in this presentation should be regarded as a representation by any person that the forward-looking statements set forth herein will be achieved or that any of the contemplated results of such forward-looking statements will be achieved. You should not place undue reliance on forward-looking statements, which speak only as of the date they are made.

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Immatics undertakes no duty to update these forward-looking statements. All the scientific and clinical data presented within this press release are – by definition prior to completion of the clinical trial and a clinical study report – preliminary in nature and subject to further quality checks including customary source data verification.

#### For more information, please contact:

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# Immatics Corporate Presentation May 10, 2022

#### **Forward-Looking Statements**



This presentation ("Presentation") is provided by Immatics N.V. ("Immatics" or the "Company") for informational purposes only. The information contained herein does not purport to be all-inclusive and Immatics nor any of its affiliates nor any of its or their control persons, officers, directors, employees or representatives makes any representation or warranty, express or implied, as to the accuracy, completeness or reliability of the information contained in this Presentation. You should consult your own counsel and tax and financial advisors as to legal and related matters concerning the matters described herein, and, by accepting this presentation, you confirm that you are not relying upon the information contained herein to make any decision.

Forward-Looking Statements. Certain statements in this presentation may be considered forward-looking statements. Forward-looking statements generally relate to future events or the Company's future financial or operating performance. For example, statements concerning timing of data read-outs for product candidates, the clinical trial application for IMA204, IMA301, IMA401, the Company's focus on partnerships to advance its strategy, projections of future cash on hand and other metrics are forward-looking statements. In some cases, you can identify forward-looking statements by terminology such as "may", "should", "expect", "intend", "will", "estimate", "believe", "predict", "potential" or "continue", or the negatives of these terms or variations of them or similar terminology. Such forward-looking statements are subject to risks, uncertainties, and other factors which could cause actual results to differ materially from those expressed or implied by such forward looking statements. These forward-looking statements are based upon estimates and assumptions that, while considered reasonable Immatics and its management, are inherently uncertain. New risks and uncertainties may emerge from time to time, and it is not possible to predict all risks and uncertainties. Factors that may cause actual results to differ materially from current expectations include, but are not limited to, various factors beyond management's control including general economic conditions and other risks, uncertainties and factors set forth in the Company's filings with the Securities and Exchange Commission (the "SEC"). Nothing in this presentation should be regarded as a representation by any person that the forward-looking statements set forth herein will be achieved or that any of the contemplated results of such forward-looking statements will be achieved. You should not place undue reliance on forward-looking statements, which speak only as of the date they are made. Company undertakes no duty to update these forward-looking statements

No Offer or Solicitation. This communication is for informational purposes only and does not constitute, or form a part of, an offer to sell or the solicitation of an offer to sell or an offer to buy or the solicitation of an offer to buy any securities, and there shall be no sale of securities, in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. No offer of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act of 1933, as amended, and otherwise in accordance with applicable law.

Certain information contained in this Presentation relates to or is based on studies, publications, surveys and the Company's own internal estimates and research. In addition, all of the market data included in this presentation involves a number of assumptions and limitations, and there can be no guarantee as to the accuracy or reliability of such assumptions. Finally, while the Company believes its internal research is reliable, such research has not been verified by any independent source. Clinical study results and associated biomarker studies presented within this presentation are by definition prior to completion of the clinical trial and a clinical study report and, are therefore, preliminary in nature and subject to further quality checks including customary source data verification. This meeting and any information communicated at this meeting are strictly confidential and should not be discussed outside your organization.

## **Building a Leading TCR Therapeutics Company**















#### Comprehensive TCR Approach

Building a TCR-T Cell Therapy and TCR Bispecifics Pipeline

#### Clinical PoC for **Cell Therapy**

Objective responses across multiple solid tumors in early TCR-T clinical development

#### Differentiated Approach

Unique technologies to identify true cancer targets and right TCRs

#### Strategic **Partnerships**

World-leading industry players with synergistic expertise

#### Therapeutic Opportunity

Addressing relevant patient populations across multiple solid cancer indications

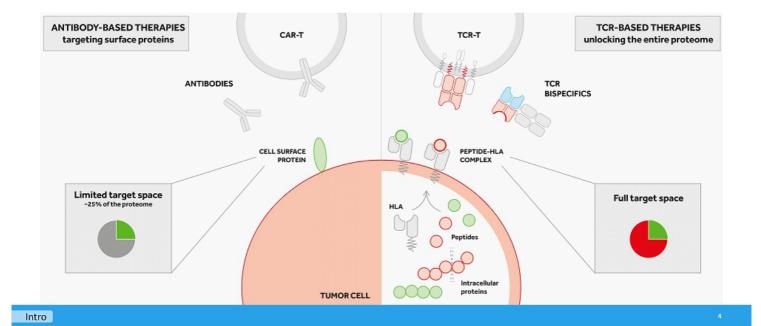
#### Solid **Cash Runway**

To reach next value inflections points across our portfolio

Intro

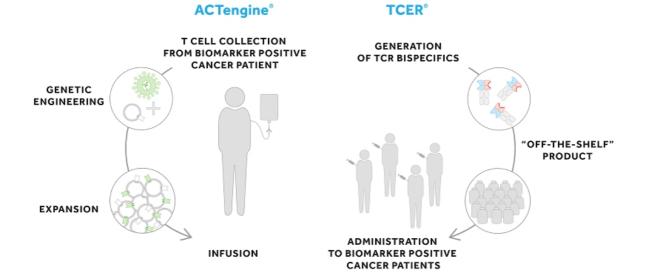
# Our TCR-based Approaches Leverage the Full Target Space beyond the Cancer Cell Surface





## **Two TCR-based Therapeutic Modalities**





Distinct mechanisms of actions and therapeutic application to address the needs of a broad patient population at different stages of disease and with different types of tumors

Intro

# Our Pipeline of TCR-based Adoptive Cell Therapies and Bispecifics



Modality	Product Candidate	Target		Preclinical	Phase 1a <sup>1</sup>	Phase 1b <sup>1</sup>	Phase 2/
	IMA203	PRAME	immatics		+ Checkpoint Inhibitor		
ACTengine <sup>©</sup>	IMA203CD8	PRAME	immatics				
Autologous ACT	IMA201	MAGEA4/8	immatics				
	IMA202	MAGEA1	immatics				
	IMA204	COL6A3	immatics				
Autologous ACT	3 programs	Undisclosed	Bristol Myers Squibb				
Autologous ACT	2 programs	Undisclosed	(gsk)				
ACTallo <sup>®</sup> Allogeneic ACT	IMA30x	Undisclosed	immatics				
	IMA401	MAGEA4/8	Bristol Myers Squibb				
TCER <sup>®</sup> Bispecifics	IMA402	PRAME	immatics				
	IMA40x	Undisclosed	immatics				
Bispecifics	3 programs	Undisclosed	Genmab				

Intro

<sup>1</sup>Phase 1a: Dose escalation, Phase 1b: Dose expansion

## **Strategic Collaborations**



## Synergistic Expertise that Can Foster Transformative Innovations for ACT and Bispecifics



Broadening the clinical framework beyond our proprietary pipeline

Intro 7

# Addressing Relevant Patient Populations across Multiple Solid Cancers



	IMA201 / IMA401	IMA202	IMA203 / IMA402	IMA204
	MAGEA4/8	MAGEA1	PRAME	COL6A3 exon 6
Selected solid cancer indications with significant target prevalence <sup>1</sup>	Sarcoma Subtypes – up to 80% Squamous NSCLC – 50% HNSCC – 35% Bladder Carcinoma – 30% Esophageal Carcinoma – 25% Uterine Carcinosarcoma – 25% Ovarian Carcinoma – 20% Melanoma – 20%	HCC– 40% Squamous NSCLC – 35% Sarcoma Subtypes – up to 30% Melanoma – 30% Bladder Carcinoma – 20% Esophageal Carcinoma – 20%	Uterine Carcinoma – 100% Sarcoma Subtypes – up to 100% Melanoma – 95% Uveal Melanoma – 80% Squamous NSCLC – 65% Kidney Carcinoma – up to 45% Cholangiocarcinoma – 35% Adeno NSCLC – 25% Breast Carcinoma – 25% HNSCC – 25% Esophageal Carcinoma – 20% HCC – 20% Bladder Carcinoma – 20%	Pancreatic Carcinoma – 80% Breast Carcinoma – 75% Stomach Carcinoma – 65% Sarcoma – 65% Esophageal Carcinoma – 60% Squamous NSCLC– 55% Adeno NSCLC– 55% HNSCC – 55% Uterine Carcinosarcoma – 55% Colorectal Carcinoma – 45% Mesothelioma – 45% Cholangiocarcinoma – 40% Ovarian Carcinoma – 40% Melanoma – 35% Bladder Carcinoma – 35%

IMA200 & IMA400 programs demonstrate relevant expression in multiple solid cancers

Intro

Solid cancer indications with 20% or more target expression, Target prevalence for selected cancer indications based on mRNA expression (TOGA and Immatics inhouse data)

# Key Features of Our Clinical ACTengine® Programs



# Differentiated Targets, TCRs and Cellular Manufacturing Designed to Enhance Safety and Activity

	IMA201	IMA202	IMA203			
		HLA-A*02-presented peptide derived fron	n			
Peptide	MAGEA4/8	MAGEA1	PRAME			
Target	shown to be naturally and specifically presented on native tumor tissues at differentiated high peptide target density <sup>1</sup>					
	100-1,000 copies/cell	50-900 copies/cell	100-1,000 copies/cell			
Γ cell Receptor	High-affinity specific TCRs with high functional avidity <sup>2</sup>					
(TCR)	Natural TCR ~10 ng/ml	Natural TCR ~15 ng/ml	Pairing-enhanced TCR ~5 ng/ml			
T cell	Autologous T cell	s gene-engineered with lentiviral vector e	xpressing TCR and			
Product	7-10 days <sup>3</sup>	7-10 days <sup>3</sup>	7 days³			





**ACTengine® IMA203 – TCR-T Targeting PRAME** 

## ACTengine® IMA203 - TCR-T Targeting PRAME



## **Broadly Expressed Target on Multiple Solid Cancers Combined with Highly Specific TCR**

#### **TARGET**

HLA-A\*02-presented peptide derived from **PRAME** 

Naturally and specifically presented on tumors at high target density<sup>1</sup>: 100-1,000 copies/cell

Identified and validated by XPRESIDENT® quant. mass spectrometry platform

#### **TCR**

High-affinity, specific TCR targeting PRAME

Pairing-enhanced, engineered TCR to avoid mispairing

High functional avidity<sup>2</sup>: EC50 ~5 ng/ml

Identified and characterized by XCEPTOR® TCR discovery and engineering platform

#### CLINICAL DATA

N=18 pts treated in phase 1 dose escalation cohort

Manageable tolerability profile; no additional DLTs³ & no CRS/ICANS ≥ grade 3

16 patients with at least one post treatment tumor assessment

Objective responses in 50% (8/16) of patients, thereof 62% (8/13) of responses above DL1; all doses still below 1 bn cells

#### PATIENT POPULATION⁴

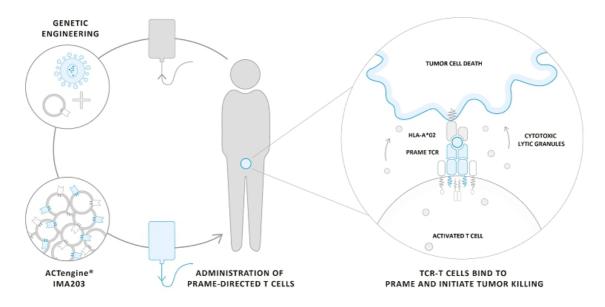
Uterine Carcinoma – 100%
Sarcoma Subtypes – up to 100%
Melanoma – 95%
Uveal Melanoma – 80%
Squamous NSCLC – 65%
Kidney Carcinoma – up to 45%
Cholangiocarcinoma – 35%
Adeno NSCLC – 25%
Breast Carcinoma – 25%
HNSCC – 25%
Esophageal Carcinoma – 20%
HCC – 20%
Bladder Carcinoma – 20%

Data cut-off - 05-Oct-2021

# ACTengine® IMA203 Targeting PRAME – Mechanism of Action



**Immatics' Leading TCR-T Approach** 



IMA203

## Optimized Cell Therapy Products to Enhance T cell Persistence & Efficacy



**Current Proprietary Manufacturing Protocol for ACTengine® Product Candidates** 

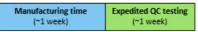
#### Leukapheresis Infusion-Ready







Commercial ACTengine® expected ~2 weeks







#### Proprietary Manufacturing Process, designed to

- √ reduce manufacturing process to approx. 1 week
- ✓ shorten vein-to-vein time
- ✓ generate younger T cells with increased proliferative capacity
- improve engraftment and persistence in patients while utilizing smaller doses

#### In-house state-of-the-art cGMP Facility<sup>1</sup>

- ✓ Manufacturing by Immatics personnel
- √ Maximum capacity: 48 manufacturing runs/month
- ✓ Substantial in-house process development expertise

ACTengine®

<sup>1</sup> Exclusive access through collaboration with UT Health, Houston, T

# ACTengine® IMA203 - Patient Flow

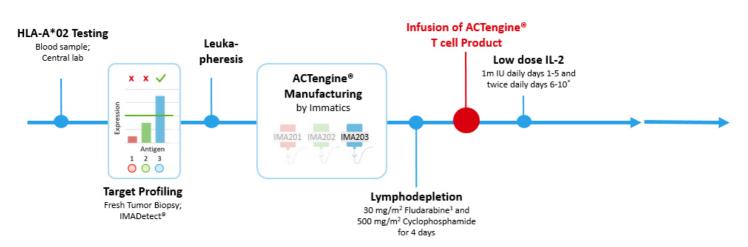


Screening & Manufacturing Phase

**Treatment & Observation Phase** 

Long Term Follow-up

Safety and efficacy monitoring for 12 months



IMA203

IL-2 dose reduction from twice daily to daily for the first 5 days and dosing duration from 14 to 10 days introduced prior to treatment of first patients on dose level

## ACTengine® IMA203 - Key Objectives & Trial Design



Presented at SITC Conference as Late-Breaking Presentation (Cut-off October 05, 2021)

#### **Key Study Objectives**

#### Primary: Safety

Investigation of Adverse Events,
Determination of a recommended Phase 2 dose

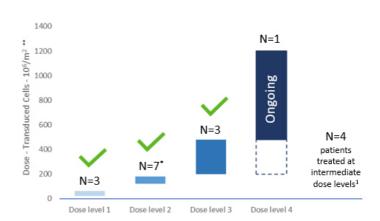
#### Secondary: Biological and Clinical Activity

T cell engraftment and persistence Objective responses as per RECIST1.1 Duration of response

#### Exploratory

Tumor Infiltration

#### **Trial Design & Recruitment Status**



## 18 patients<sup>1</sup> infused with PRAME-directed T cells at 5 clinical sites

Data cut-off – 05-Oct-2021

IMA203

<sup>1</sup> Enrichment cohorts EC1 & EC2: patients infused with intermediate doses enabling infusion of patients with medical need during dose escalation observation periods, or in case of log

## ACTengine® IMA203 - Safety Profile



## Manageable & Transient Treatment-emergent Adverse Events – No ≥ Grade 3 CRS or ICANS

TEAEs by maximum severity (N=19)1 All grades ≥ Grade 3 All grades No. Adverse event Adverse event table continued Patients with any adv Cardiac or vascular disorders Adverse Events of Special interest 0.0 Hypertension Atrial fibrillation 2 15.8 10.5 10.5 2 14 5.3 General disorders and administration site cond Blood and lymphatic system disorders Neutropenia Fatigue Pyrexia 1 0 0 5.3 5 16 Anaemia 84.2 47.4 15.8 0.0 Oedema peripheral 36.8 73.7 Thrombocytopenia 15 78.9 14 73.7 Lymphopenia Gastrointestinal disorders 11 Nausea Vomiting Leukopenia\* 63.2 57.9 12 5.3 Diarrhoea 36.8 0 0.0 Infections and infestation Constipation 31.6 0.0 Enterococcal infection 53 53 COVID-19 Investigations 5.3 5.3 Appendicitis Sepsis<sup>1</sup> Aspartate aminotransferase increased 5.3 5.3 26.3 0 Alanine aminotransferase increased 21.1 0.0 Blood creatinine increased Respiratory, thoracic and mediastinal disorders Other 5.3 5.3 10.5 Pleural effusion Rash 26.3 0 0.0 Myalgia Arthralgia 21.1 15.8 15.8 0.0 Bronchial obstruction 1 5.3 5.3 Metabolism and nutrition disorders 0.0 Alopecia Hyponatraemia 36.8 5.3 Rash maculo-papular 10.5 5.3 Hypokalaemia 26.3 5.3 Orchitis Contrast media allergy Decreased appetite 5.3 5.3

Transient, Grade 3 atrial fibrillation Onset on day 5 post infusion that resolved within 48h DLT triggered expansion of DL2

DLT:

IMA203

CRS/ICANS:

No ≥ Grade 3 CRS

or ICANS

observed so far

Most Adverse

Events were

associated with

lymphodepletion

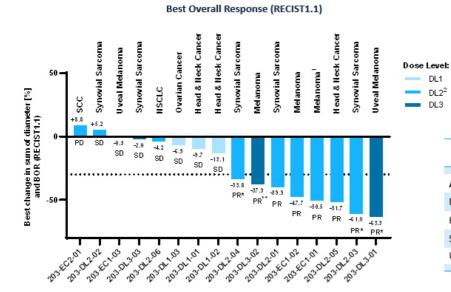
<sup>&</sup>lt;sup>3</sup> All treatment-emergent adverse events (TEAEs) with grade 1-2 occurring in at least 3 patients (incidence 215.8%) and additionally all events with grade 3-5 regardless of relatedness to study treatment are presented. Data source: clinical database. Adverse events were coded using the Medical Dictionary for Regulatory Activities. Grades were determined according to National Cancer Institute Common Terminology Criteria of Adverse Events (CTCAE), version 5.0. Grades for Cytokine release syndrome and ICANS were determined according to CARTOX criteria (Neelapu et al., 2018). Patients are counted only once per adverse event and sevently classification; "ICANS: Immune effect rocality syndrome; "Patient died from sepsis of unknown origin and did not receive IMA203 T cells; "DLT: Dose limiting toxicity; \*100% of patients experienced transient cytopenias 2 Grade 3 (CTCAE v5.0)

Data cut-off — 05-Oct-2021

## ACTengine® IMA203 - Change in Target Lesions



Objective Responses across Multiple Tumor Types at Doses below 1 billion Transduced Cells



Preliminary Objective Response Rates (RECIST1.1., confirmed and unconfirmed)

	All doses	Dosed above DL1
All comers	8/16 (50%)	8/13 (62%)
Melanoma	3/3 (100%)	3/3 (100%)
Head & Neck Cancer	1/3 (33%)	1/1 (100%)
ynovial Sarcoma	3/5 (60%)	3/5 (60%)
Uveal Melanoma	1/2 (50%)	1/2 (50%)

Data cut-off - 05-Oct-2021

IMA203

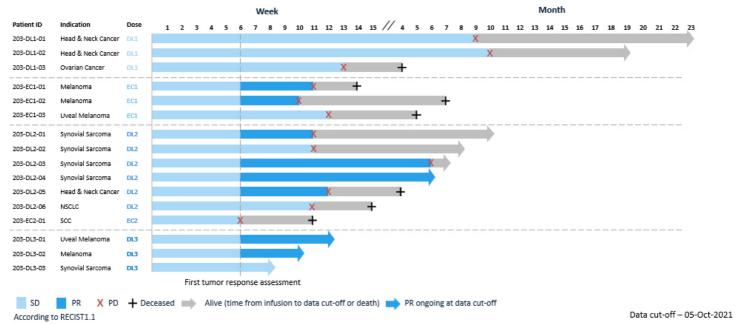
<sup>1</sup> RECIST1.1 response at the timepoint of maximum change of target lesions (week 12): PD due to new lesions (leptomeningeal disease) at week 12

<sup>2</sup> Partients deserve with D12 - EC1 and EC2 - \* Confirmed at subsequent scape \* \* Confirmation pending as of data cut off.

## ACTengine® IMA203 - Response Over Time



Objective Responses across Multiple Tumor Types at Doses below 1 billion Transduced Cells



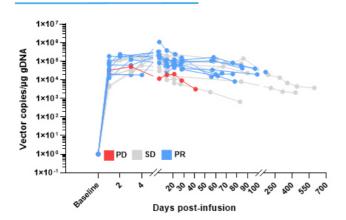
IMA203

## ACTengine® IMA203 - Engraftment, Persistence & Tumor Infiltration



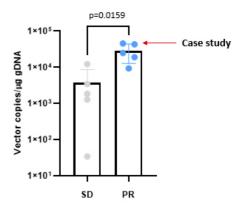
**Clinical Responses Consistent with Biological Data** 

## T cell Engraftment & Persistence



High T cell engraftment and persistence with trend for association of peak vector copies with clinical response<sup>1</sup>

## Tumor Infiltration post Infusion<sup>2</sup>



High T cell infiltration observed through serial biopsies associated with clinical response<sup>3</sup>

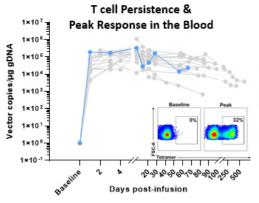
Data cut-off - 05-Oct-2021

IMA203

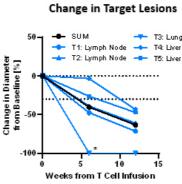
## ACTengine® IMA203 - Case Study Patient IMA203-DL3-01



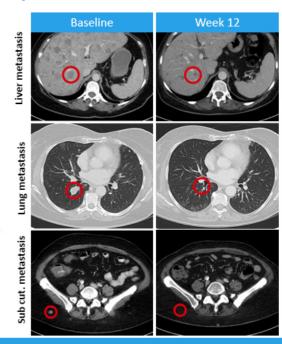
**Confirmed Partial Response with Deepening Tumor Regression in Multiple Lesions** 



- · 62-year-old female; metastatic uveal melanoma
- · High tumor burden in multiple organs
- Infused at refractory disease after failing
   4 prior lines of therapy including 2 lines of CPI<sup>1</sup>
- Patient received total dose of 0.59 billion transduced T cells following lymphodepletion



- T cell persistence until end of observation & detection in the tumor
- All lesions decreased at week 6 40% decrease in target lesions response deepened at week 12 to 63% decrease
- Best Response (RECIST1.1):
   PR (confirmed & ongoing)



IMA203

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Data cut-off - 05-Oct-2021

# ACTengine® IMA203 PRAME – Phase 1a Dose Escalation Interim Update



**Preliminary Findings after Completion of Dose Level 3** 

# Objective responses observed across multiple tumor types at dose levels below 1 billion T cells originally presumed to be subtherapeutic

SAFETY		CLINIC	CLINICAL ACTIVITY		BIOLOGICAL ACTIVITY	
	3	3 Dose levels completed, all below 1 bn cells	50%	ORR <sup>3</sup> across all doses and multiple solid cancers	Blood	High T cell engraftment and persistence
	0	Additional DLTs <sup>1</sup>		(8/16 patients)		
	0	Grade ≥3 CRS or ICANS <sup>2</sup>	62%	ORR <sup>3</sup> at DL2 <sup>*</sup> & DL3 (8/13 patients) – all still dosed below 1 bn cells	Tumor	High T cell infiltration associated with clinical response

Data cut-off – 05-Oct-2021

IMA203

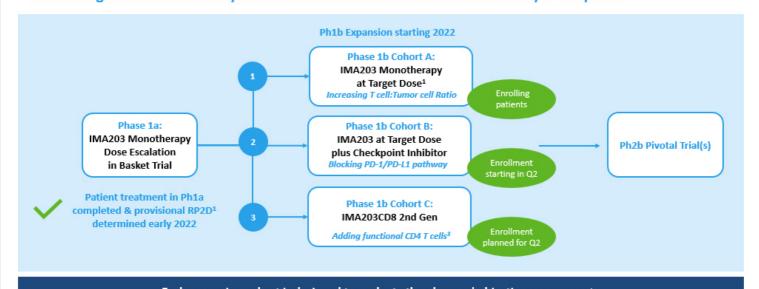
1 DLT: dose-limiting toxicity, since March 17, 2021 (reported DLT at DL2); 2 CRS: cytokine release syndrome, ICANS: Immune effector cell-associated neurotoxicity syndrome, both graded by CARTOX criteria (Neelapu et al., 2018);
3 Objective response rate according to PECIST 1.1 including confirmed and unconfirmed partial responses: 1 includes patients treated at engineering the pecistre of the period of the perio

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## Our Plans to Achieve Long-Lasting Responses with TCR-T cells against PRAME



**Addressing Relevant Secondary Resistance Mechanisms to Increase Durability of Response** 



Each expansion cohort is designed to evaluate the observed objective response rate, demonstrate durability of response & provide the basis for entering registration trials

IMA203

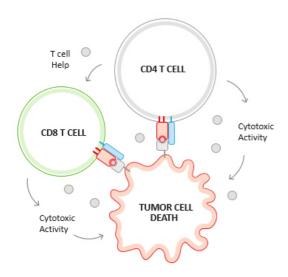
Evaluration of higher docs (DLS) planned: 2 Demonstrated to be associated with durable response; Locke et al. 2020 Blond advances: 2 Demonstrated to be important for long-term remission; Melenhorst et al. 2022 Nature

-

## ACTengine® IMA203CD8 - Next-generation TCR-T



## **Building on First-Gen IMA203 Success to Further Improve Anti-Tumor Activity**



- Engagement of CD4 T cells by CD8 co-transduction reported to boost anti-tumor activity in TCR-T trials
- Recent data from leukaemia patients treated with CAR-T achieving decade-long remissions show that CD4 T cells dominate at the later time points of response<sup>1</sup>
- Functional superiority of the CD8αβ construct over multiple other CD8 constructs in preclinical experiments
- Proprietary 4-in-1 lentiviral vector to engineer CD4 and CD8 T cells with the PRAME-specific IMA203 TCR and CD8αβ construct (IMA203CD8)

IND filing for IMA203CD8 lead candidate targeted in 1H 2022

IMA203CD8

<sup>1</sup>Melenhorst et al. 2022 Nature

## ACTengine® IMA203CD8 - Preclinical Assessment of Anti-Tumor Efficacy

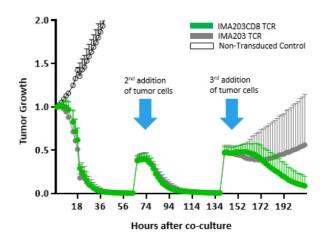


Co-Transduction of CD8 Enhances Anti-Tumor Activity in Vitro

#### 3D Spheroid Killing - CD4 T cells

# IMA203 IMA203CD8 No CD4 TCR T cells TCR Day 0

#### Serial Killing Assay - CD8 & CD4 T cells



Engagement of CD4 T cells may enhance depth and durability of anti-tumor response and clinical outcome of TCR-T in solid cancer patients

IMA203CD8 Full Data Presentation at STC 2021: Improved anti-tumor activity of next-generation TCR-engineered T cells through CD8 co-expression

## ACTengine® IMA201 Targeting MAGEA4/8





#### TARGE"

HLA-A\*02-presented peptide derived from MAGEA4 and/or MAGEA/8

>5-fold higher peptide copy number per tumor cell than a commonly used MAGEA4 target

Naturally and specifically presented on tumors at high target density<sup>1</sup>: 100-1,000 copies/cell

Identified and validated by XPRESIDENT® quant. mass spectrometry platform

#### TCR

High-affinity, specific TCR targeting MAGE4/8

High functional avidity<sup>2</sup>: EC50 ~10 ng/ml

Identified and characterized by XCEPTOR® TCR discovery and engineering platform

## CLINICAL DATA

N=2 pts treated in phase 1 dose escalation cohort

DL2 commenced

Too early for assessment of safety or anti-tumor activity

#### PATIENT POPULATION<sup>3</sup>

Sarcoma Subtypes – up to 80% Squamous NSCLC – 50% HNSCC – 35% Bladder Carcinoma – 30% Esophageal Carcinoma – 25% Uterine Carcinosarcoma – 25% Ovarian Carcinoma – 20% Melanoma – 20%

Data cut-off - 17-Sep-2021

IMA201

<sup>1</sup> Target density: peptide copy number per tumor cell, approximate range representing the majority of tumor samples analyzed; <sup>2</sup> Functional avidity: ECSO half maximal effective concentrations are indicated to the control of the c

## **ACTengine® IMA202 Targeting MAGEA1**



**Key Features** 

#### TARGE

HLA-A\*02-presented peptide derived from **MAGEA1** 

Naturally and specifically presented on tumors at high target density<sup>1</sup>: 50-900 copies/cell

Identified and validated by XPRESIDENT® quant. mass spectrometry platform

#### **TCR**

High-affinity, specific TCR targeting MAGE1

High functional avidity<sup>2</sup>: EC50 ~15 ng/ml

Identified and characterized by XCEPTOR® TCR discovery and engineering platform

## CLINICAL DATA

N=10 pts treated in phase 1 dose escalation cohort

Target dose level DL3 ongoing

Manageable tolerability profile; no DLTs or CRS/ICANS ≥ grade 3

Disease control in 7/10 patients (9 pts in DL1 & DL2)

Maximum change of target lesion -35.4% in melanoma pt³

## PATIENT POPULATION⁴

HCC- 40% Squamous NSCLC - 35% Sarcoma Subtypes - up to 30% Melanoma - 30% Bladder Carcinoma - 20% Esophageal Carcinoma - 20%

Data cut-off - 17-Sep-2021

## ACTengine® IMA204 First-in-Class TCR-T Targeting Tumor Stroma



**Key Features** 

#### **TARGET**

HLA-A\*02-presented peptide derived from COL6A3 exon 6

Naturally and specifically presented on tumors at high target density<sup>1</sup>: 100-700 copies/cell

Novel tumor stroma target identified and validated by XPRESIDENT® quant. mass spectrometry platform

#### TCF

High-affinity, specific TCR targeting COL6A3 exon 6

Affinity-maturated, CD8-independent TCR

High functional avidity<sup>2</sup>: ~0.01ng/ml

Identified and characterized by XCEPTOR® TCR discovery and engineering platform

#### PRECLINICAL DATA

CD8-independent, nextgeneration TCR engages both, CD8 and CD4 T cells

In vitro anti-tumor activity against target-positive cell lines in CD8 and CD4 T cells

Complete tumor eradication in in vivo mouse models

#### PATIENT POPULATION<sup>3</sup>

Pancreatic Carcinoma – 80%
Breast Carcinoma – 75%
Stomach Carcinoma – 65%
Sarcoma – 65%
Esophageal Carcinoma – 60%
Squamous NSCLC– 55%
Adeno NSCLC– 55%
HNSCC – 55%
Uterine Carcinosarcoma – 55%
Colorectal Carcinoma – 45%
Mesothelioma – 45%
Cholangiocarcinoma – 40%
Ovarian Carcinoma – 40%
Melanoma – 35%
Bladder Carcinoma – 35%

IMA204 provides a promising therapeutic opportunity for a broad patient population as monotherapy or in combination with TCR-T cells directed against tumor targets

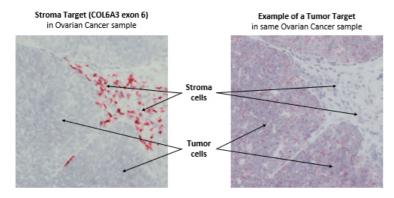


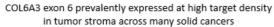
<sup>1</sup> Target density: peptide copy number per tumor cell, approximate range representing the majority of tumor samples analyzed; <sup>2</sup> Functional avidity: ECSO half maximal effective concentration <sup>3</sup> Solid cancer indications with 20% or more target expression. Target prevalence for selected cancer indications have on mRNA expression TOGA and immatics inhouse data)

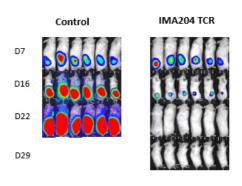
## ACTengine® IMA204 - High Affinity, CD8-independent TCR



## Complete Tumor Eradication in vitro & in vivo1 by Affinity-enhanced IMA204 TCR







CD8-independent TCR leads to tumor eradication in all mice treated

- Affinity maturated CD8-independent, next-generation TCR engages both CD4 and CD8 T cells without the need of CD8 co-transduction
- IND-enabling studies are nearing completion

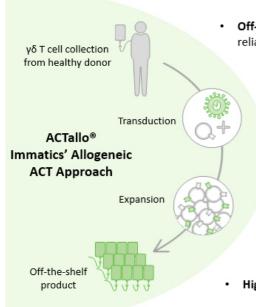
IMA204

\* In vivo data in collaboration with Jim Riley. University of Pennsylvania, control: non-transduced T cells, TCR avidity and specificity data not shown, available in IMA204 presentation on Immatics website.

## ACTallo® IMA30X - Immatics' Allogeneic Cell Therapy Approach



Effective Redirection of  $\gamma\delta$  T cells Using  $\alpha\beta$  TCR



• Off-the-shelf cell therapy, applicable without need for personalized manufacturing and not reliant on potentially encumbered immune system of patient

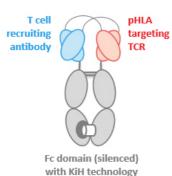
- γδ T cells are abundant, show intrinsic anti-tumor activity, naturally infiltrate solid tumors and do not cause graft-vs-host disease
  - **Proprietary manufacturing protocol** delivering robust expansion of  $\gamma\delta$  T cells with the potential for hundreds of doses from one single donor leukapheresis
- Proprietary single lentiviral vector system (4-in-1 construct) including TCR and CD8 alpha & beta chains
- High potency: TCR transduced  $\gamma\delta$  T cells show similar anti-tumor activity to  $\alpha\beta$  T cells

ACTallo®

## TCER® - Immatics' Half-Life Extended Bispecifics







#### pHLA targeting TCR

- ✓ High-affinity TCR targeting HLA-restricted tumor-specific peptides
- ✓ Broad therapeutic window through XPRESIDENT®-guided affinity maturation (>1000x)¹
- ✓ Complete tumor eradication in mouse xenograft models at low doses

#### T cell recruiting antibody

- ✓ Low-affinity T cell recruiter against both TCR & CD3
- ✓ Optimized biodistribution aiming for enrichment at tumor site and prevention of CRS<sup>2</sup>
- ✓ **Superior anti-tumor activity** in mouse models as compared to widely used CD3 recruiters

#### Next-generation TCER® format

- ✓ Off-the-shelf biologic with antibody-like manufacturability³ and low cost of goods
- ✓ Superior anti-tumor activity<sup>4</sup> compared to six alternative bispecific formats
- ✓ Half-life of several days expected in humans

Our TCER® format is designed to maximize efficacy while minimizing toxicities in patients

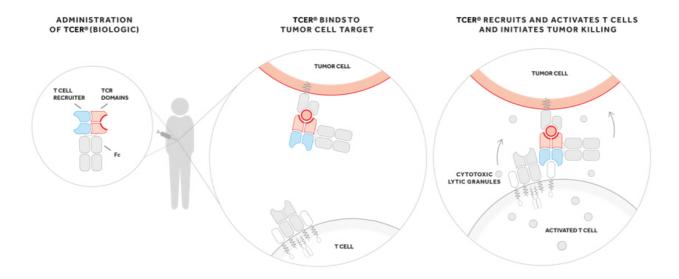


<sup>1</sup> As compared to natural TCR; <sup>2</sup> Based on literature data for other low-affinity recruiters (e.g. Harber *et al.*, 2021, Nature); <sup>3</sup> Production in mammalian cells (CHO cells); <sup>4</sup> Based on preclinical testing

### TCER® - Mechanism of Action



### **Immatics' Off-the-Shelf TCR Bispecifics Approach**

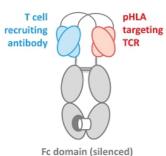


TCER®

### TCER® - Immatics' Half-Life Extended Bispecifics



### **TCER®**



with KiH technology

- ✓ High-affinity TCR targeting HLA-restricted tumor-specific peptides
- ✓ Broad therapeutic window through XPRESIDENT®-guided affinity maturation (>1000x)¹
- ✓ Complete tumor eradication in mouse xenograft models at low doses

#### T cell recruiting antibody

pHLA targeting TCR

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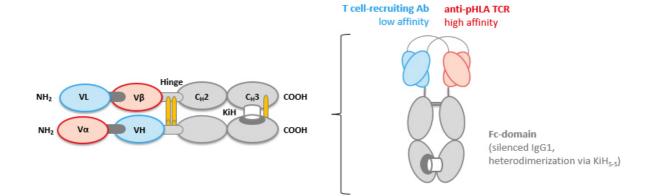
TCER®

<sup>3</sup> As compared to natural TCR; <sup>2</sup> Based on literature data for other low-affinity recruiters (e.g. Harber *et al.*, 2021, Nature); <sup>3</sup> Production in mammalian cells (CHO cells); <sup>4</sup> Based on preclinical testing.

## TCER® - Development of a Proprietary TCR Bispecific Format



Flexible Plug-and-play Platform Designed to Efficiently Generate New TCR Bispecifics

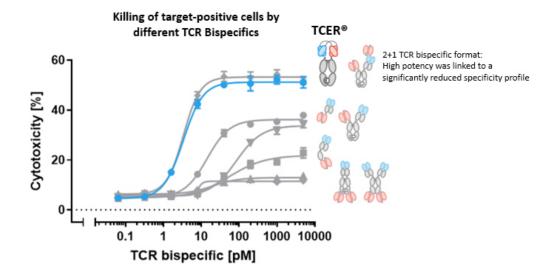


- Immatics developed a proprietary TCR Bispecific format for specific targeting of tumor-specific pHLA at low copy numbers
- TCER® format successfully validated for different TCRs and different T cell recruiting antibodies

TCER®

### Potency of Our Proprietary TCR Bispecific Format TCER®





- Seven different TCR Bispecific formats were evaluated with a pHLA targeting TCR and the identical T cell recruiting antibody
- TCER® format had higher combination of potency and specificity¹ than six alternative TCR Bispecific format designs evaluated

TCER®

Preclinical data on specificty not show

## TCER® Portfolio



## **Building a Pipeline of Next-Gen Half-Life Extended TCR Bispecifics**

	IMA401 MAGEA4/8	IMA402 PRAME	IMA40X Undisclosed
Status	Start of Phase 1 trial in May 2022	Clinical GMP batch targeted in 2022 Phase 1 trial in 2023	TCER® engineering and preclinical testing ongoing
Preclincial Proof-of-concept - Efficacy / Safety	<ul> <li>Complete remission of estab. tumors in xenograft mouse models at low doses</li> <li>Very broad therapeutic window (reactivity tumor compared to normal cells)</li> </ul>		
Half-life	Half-life extended to several days via effector function silenced Fc part		
Clinical Development Strategy	<ul> <li>First-in-human basket trial</li> <li>Adaptive design aiming at fast dose escalation</li> <li>Development strategy includes TCER® as add on to checkpoint inhibitor-based standard of care in early lines of treatment</li> </ul>		

TCER® ¹ Clinical trial application – the European equivalent of an Investigational New Drug (IND) application

### Phase 1 Clinical Trial to Evaluate TCER® IMA401 Targeting MAGEA4/8



#### **Trial Overview**

Biomarker positive patients with recurrent and/or refractory solid tumors

- HLA-A\*02:01
- MAGEA4/8 (Immatics' IMADetect® test)

Basket trial in indications with high MAGEA4/8 prevalence, e.g. sqNSCLC, SCLC, HNSCC, bladder carcinoma, esophageal carcinoma, ovarian carcinoma, melanoma, uterine carcinosarcoma, sarcoma subtypes

Phase 1a: Dose escalation cohort Phase 1b: Dose expansion cohort(s)

Up to N=50 patients Up to 15 centers

#### **Primary Objective**

· Determine maximum tolerated dose (MTD) and/or recommended phase 2 dose (RP2D)

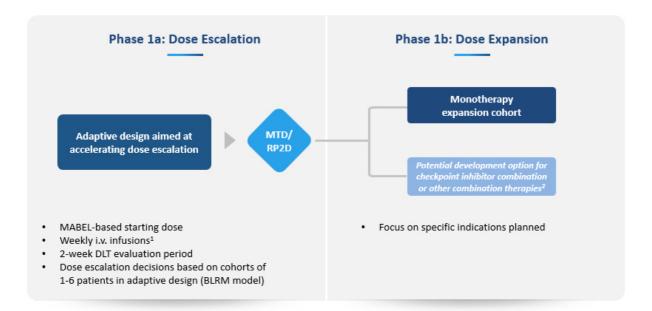
#### **Secondary Objectives**

- · Safety and tolerability
- · Initial anti-tumor activity
- Pharmacokinetics

TCER® MTD: maximum tolerated dose, RP2D: recommended phase 2 dose

## Phase 1 Clinical Trial to Evaluate TCER® IMA401 Targeting MAGEA4/8





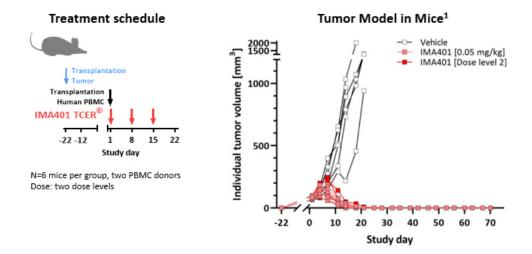
TCER®

MTD: maximum tolerated dose, RP2D: recommended phase 2 dose; MABEL: minimum anticipated biological effect level; BLRM: Bayesian logistic regression model;

## TCER® IMA401 Targeting MAGEA4/8



### **Product Candidate in Clinical Development with Bristol Myers Squibb**



- · Complete remissions observed in all animals even at low IMA401 dose of 0.05 mg/kg
- · No detectable outgrowth of tumors during prolonged observation period of 70 days

TCER®

<sup>1</sup> Hs695T xenograft model in MHC I/II ko NSG mice, tumor volume of individual mice shows

### TCER® IMA402 Targeting PRAME



#### **Preclinical-stage Product Candidate Fully Owned by Immatics**

#### **PRAME Target Peptide**

- HLA-A\*02-restricted PRAME peptide targeted by TCER® IMA402 is one of the most frequently expressed intracellular cancer targets for TCR-based therapies
  - > Homogenously expressed at high prevalence across multiple solid tumors including melanoma, lung cancer, gynecological cancers (ovarian, breast, uterine) and others

#### **Preclinical Proof-of-Concept Data**

- · High in vitro potency in killing of tumor cells with physiological PRAME peptide levels
- Favorable safety profile with broad therapeutic window between tumor and normal cell reactivity in vitro
- Consistent tumor regression including complete responses in NOG mice treated at low doses
- Extended serum half-life of several days1 expected in humans driven by the TCER® Fc part

#### **Well Progressing CMC Development**

- · Current data support antibody-like manufacturability and developability
- · GMP process development and IND-enabling activities ongoing
- · Manufacturing of the clinical batch for the Phase 1 trial expected in 2H 2022

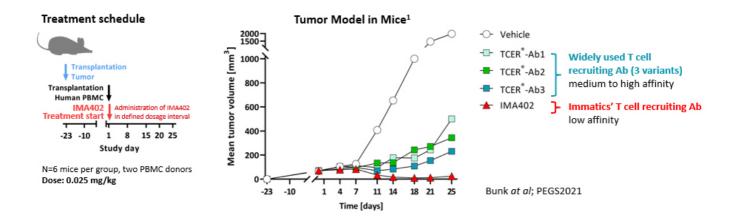
TCER®

1 Based on preclinical testing

### TCER® IMA402 - Efficacy Assessment in Tumor Model in Mice



**Superior Tumor Control Using a Proprietary, Low-Affinity Recruiter** 



Proprietary, **low-affinity T cell recruiting region** demonstrates superior tumor control compared to analogous TCER® molecules designed with higher-affinity variants of a widely used recruiter

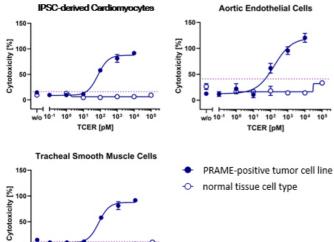
TCER®

<sup>1</sup> Hs695T xenograft model in NOG mice, tumor volume of group means shown

### TCER® IMA402 - In vitro Safety Assessment with Normal Tissue Cells



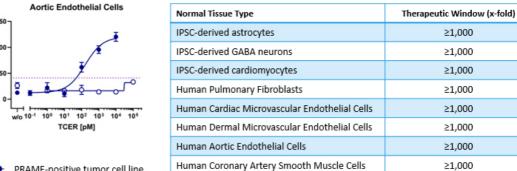
≥1,000



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TCER [pM]

10



Human Tracheal Smooth Muscle Cells

- Cytotoxicity against N≥9 different human normal tissue cell types
- TCER® IMA402 shows a <u>minimum of 1,000-fold therapeutic window</u> between normal tissue cell reactivity and tumor cell reactivity

TCER®



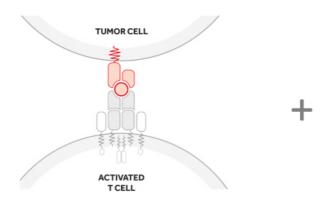


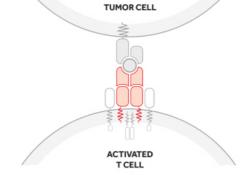
**Immatics' Proprietary Target and TCR Discovery Platforms** 

### **True Cancer Targets & Matching Right TCRs**



### Goal to Maximize Anti-Tumor Activity and Minimize Safety Risks of TCR-based Immunotherapies





#### True Targets via XPRESIDENT® technology platform

- are naturally presented on tumor tissues as identified by mass-spec
- are absent or presented at only low levels on normal tissues
- are presented at high copy numbers to trigger a pharmacological response

#### Right TCRs via XCEPTOR® technology platform

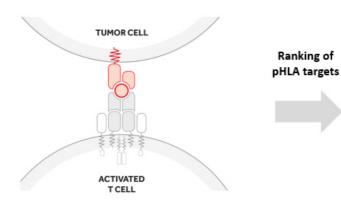
- · recognize the target peptide with high affinity and specificity
- show selective killing of tumor cells
- are developed to be suitable for two different therapeutic modalities, Cell Therapies and TCR Bispecifics

Technology

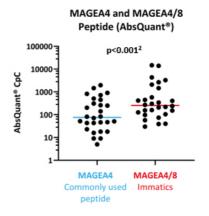
### Immatics' Unique Capability - Identification of the most Relevant Target



**Example of MAGEA4/8 Peptide Target** 



XPRESIDENT® quantitative information on target density¹ between peptides originating from the same source protein



MAGEA4/8 target is presented at >5-fold higher target density<sup>1</sup> than a commonly used MAGEA4 target peptide

Technology

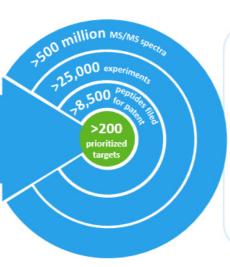
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### Pool of 200 Prioritized Targets as Foundation for Future Value Generation



pHLA Database based on primary tissues

>2,500 cancer & normal tissues analyzed by Quantitative, Ultra-Sensitive Mass Spectrometry



#### **200 Prioritized Targets**

#### Grouped in 3 Target Classes:

- Well known and characterized parent protein (20%)
  e.g. MAGE family cancer testis antigens
- Unknown or poorly characterized parent protein (60%) e.g. stroma target COL6A3 exon 6
- Crypto-targets/Neoantigens (20%)
   Novel target class which includes RNA-edited peptides
   & non-classical neoantigens

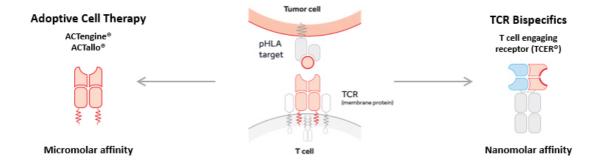
~50% of our prioritized targets are non-HLA-A\*02 restricted, substantially broadening the potential patient reach

Technology

### Development of the Right TCR - XCEPTOR® Technology



TCR Discovery and Engineering for ACT and TCR Bispecifics



- · Fast, efficient and highly sensitive discovery of highly specific, natural TCRs
- · Protein engineering capabilities to design and maturate TCRs with increased affinity while retaining specificity
- Early de-selection of cross-reactive TCRs by the unique interplay between Immatics' target and TCR discovery platforms
   XPRESIDENT® and XCEPTOR® during TCR discovery¹ and TCR maturation²

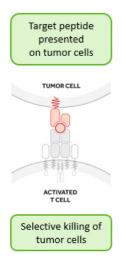
Technology

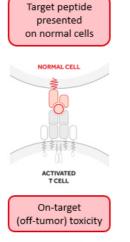
APRESIDENT®-guided off-target toxicity screening: 2 XPRESIDENT®-guided similar peptide counterselection

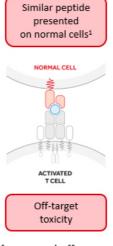
### **Optimal Target Selection & TCR Specificity for Minimizing Safety Risks**

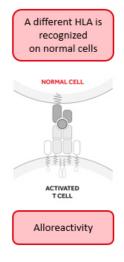


Unique Interplay between Technology Platforms Allows Early De-risking for Clinical Development









XPRESIDENT®-guided screening for on- and off-target toxicities of TCRs based on the extensive database of peptides presented on normal tissues



<sup>1</sup> Clinical fatalities have occurred in TCR-T trials using a titin cross-reactive TCR (Cameron et al., Sci Transl Med





**Corporate Information & Milestones** 

### Experienced Global Leadership Team Across Europe and the US





Harpreet Singh Chief Executive Officer Co-Founder >20 yrs biotech experience



Arnd Christ
Chief Financial Officer
>20 yrs biotech experience
(Probiodrug, NovImmune, Medigene,
InflaRx)



Cedrik Britten Chief Medical Officer >10 yrs pharma & biotech experience (BioNTech, GSK)



Carsten Reinhardt Chief Development Officer >20 yrs pharma & biotech experience (Micromet, Roche, Fresenius)



Steffen Walter Chief Technology Officer Co-Founder Immatics US >15 yrs biotech experience



Toni Weinschenk Chief Innovation Officer Co-Founder >15 yrs biotech experience



Rainer Kramer Chief Business Officer 25 yrs pharma & biotech experience (Amgen, MorphoSys, Jerini, Shire, Signature Dx)



Edward Sturchio
General Counsel
>15 yrs pharma & biotech experience
(Schering, Merck, Novartis, Advanced
Accelerator Applications, Abeona
Therapeutics)

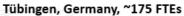


Jordan Silverstein Head of Strategy >10 yrs biotech experience (Advanced Accelerator Applications, InflaRx)

Corporate

### Strong, Focused and Highly Integrated Trans-Atlantic Organization







Senior Leadership, Research and Development (XPRESIDENT®, XCEPTOR®, TCER®), Translational Development, Clinical Operations, Finance, HR, IT, QM



Senior Leadership, Research and Development (Adoptive Cell Therapy), CMC, Clinical Operations, Regulatory Affairs, QA/QC, HR, Investor Relations



Munich, Germany, ~45 FTEs

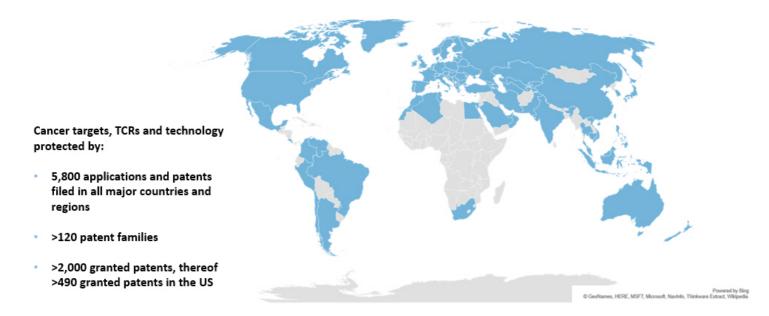
Senior Leadership, Business Development, Clinical Operations, Intellectual Property, Regulatory Affairs, Communications

Corporate FTE status as of 31 December 2021

### **Robust IP Portfolio**



### Immatics' Patent Estate - Territorial Coverage

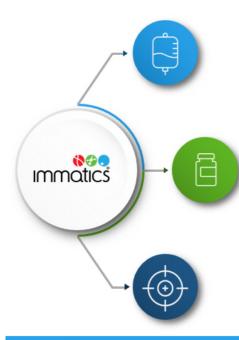


Corporate 51

### **Near-Term Value Drivers and Development Milestones**



Clinical Expansion of TCR Bispecifics and the Next-generation of TCR-T



#### Advance clinical development of ACTengine® candidates

- Initiation of multiple IMA203 Ph1b expansion cohorts ongoing:
   Monotherapy, checkpoint combination, 2nd-gen approach IMA203CD8
- Next IMA203 monotherapy data read-out in 2H 2022
- Initial data read-out for checkpoint combination, IMA203CD8 YE 2022
- Advance IMA204 to the clinic, submission of IND application YE 2022

#### Further clinical development of TCER® candidates

- Start of Ph1 trial for IMA401 (MAGEA4/8) in May 2022
- Manufacturing of IMA402 clinical batch in 2H 2022, clinical trial in 2023
- · Innovative TCER® program(s) IMA40X in preclinical development

#### Leverage full potential of targeting PRAME

- Focused & accelerated development of IMA203 expansion cohorts
- Develop IMA402, an off-the-shelf TCER®

Corporate





# Thank you!

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