UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): January 11, 2021

ImmunoGen, Inc. (Exact name of registrant as specified in its charter)

Massachusetts (State or other jurisdiction of incorporation)

0-17999 (Commission File Number)

04-2726691 (IRS Employer Identification No.)

. (A	830 Winter Street, Walthan Address of principal executive of	
Registran	t's telephone number, including	area code: (781) 895-0600
Check the appropriate box below if the Form 8-K following provisions (see General Instruction A.2. bel	0	ously satisfy the filing obligation of the registrant under any of the
☐ Written communications pursuant to Rule 425	under the Securities Act (17 CF	FR 230.425)
☐ Soliciting material pursuant to Rule 14a-12 un	der the Exchange Act (17 CFR	240.14a-12)
☐ Pre-commencement communications pursuant	to Rule 14d-2(b) under the Exc	change Act (17 CFR 240.14d-2(b))
☐ Pre-commencement communications pursuant	to Rule 13e-4(c) under the Exc	hange Act (17 CFR 240.13e-4(c))
Securities registered pursuant to Section 12(b) of t	he Act:	
Title of Each Class Common Stock, \$.01 par value	Trading Symbol IMGN	Name of Each Exchange on Which Registered Nasdaq Global Select Market
Indicate by check mark whether the registrant is an chapter) or Rule 12b-2 of the Securities Exchange Ac		defined in Rule 405 of the Securities Act of 1933 (§230.405 of this appter).
		Emerging growth company \Box
If an emerging growth company, indicate by check m or revised financial accounting standards provided pu	U	not to use the extended transition period for complying with any new xchange Act. $\ \Box$

ITEM 2.02. -RESULTS OF OPERATIONS AND FINANCIAL CONDITION.

On January 11, 2021, ImmunoGen, Inc. (also referred to as "we", "our", "us" or "ImmunoGen") disclosed at the 39th Annual JP Morgan Healthcare Conference that while we have not finalized our full financial results for the year ended December 31, 2020, we expect to report that we had approximately \$294 million of cash and cash equivalents as of December 31, 2020. This amount is preliminary, has not been audited and is subject to change pending completion of our audited financial statements for the year ended December 31, 2020. Additional information and disclosures would be required for a more complete understanding of our financial position and results of operations as of December 31, 2020. It is possible that we or our independent registered public accounting firm may identify items that require us to make adjustments to the preliminary estimated cash and cash equivalents balance set forth above and those changes could be material.

The information in this Item 2.02 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such a filing.

ITEM 7.01. - REGULATION FD DISCLOSURE.

Our management will present an overview of our business at the 39th Annual JP Morgan Healthcare Conference, beginning on January 11, 2021. Attached as Exhibit 99.1 to this current report on Form 8-K is a copy of the slide presentation we will be using at the conference.

The information referenced in this Item 7.01 and contained in Exhibit 99.1 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such a filing. This current report on Form 8-K will not be deemed an admission as to the materiality of any information furnished pursuant to this Item 7.01 that is being disclosed pursuant to Regulation FD.

Please refer to slide 2 of Exhibit 99.1 for a discussion of certain forward-looking statements included therein and the risks and uncertainties related thereto.

ITEM 9.01. - FINANCIAL STATEMENTS AND EXHIBITS.

(d): Exhibits

Exhibit No.	Description
99.1	Presentation Materials for JP Morgan 39th Annual Healthcare Conference
104	Cover Page Interactive Data File (embedded within the Inline XBRL (eXtensible Business Reporting Language) document)

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 hereunto duly authorized.

ImmunoGen, Inc. (Registrant)

Date: January 11, 2021

<u>/s/ David G. Foster</u> David G. Foster Vice President, Finance

FORWARD-LOOKING STATEMENTS

This presentation includes forward-looking statements regarding ImmunoGen's expectations related to the design and potential success of ImmunoGen's mirvetuximab soravtansine and IMGN632 clinical studies and regulatory pathways, including the timing of initiating and receiving data from, as well as the likelihood of success of, the studies to support approval of mirvetuximab and IMGN632; the occurrence, timing, and outcome of other potential preclinical, clinical, and regulatory events related to ImmunoGen's and its collaboration partners' programs; and potential future collaborations. For these statements, ImmunoGen claims the protection of the safe harbor for forward-looking statements provided by the Private Securities Litigation Reform Act of 1995. Various factors could cause ImmunoGen's actual results to differ materially from those discussed or implied in the forward-looking statements, and you are cautioned not to place undue reliance on these forward-looking statements, which are current only as of the date of this presentation. Factors that could cause future results to differ materially from such expectations include, but are not limited to, the risks and uncertainties inherent in the Company's development programs, including clinical studies and regulatory processes, their timings and results, including the possibility that studies of mirvetuximab fail to confirm the hypotheses suggested by the exploratory analyses of the FORWARD I data, and the risks and uncertainties associated with the scale and duration of the COVID-19 pandemic and resulting impact on ImmunoGen's industry and business. A review of these risks can be found in the "Risk Factors" set forth in Exhibit 99.1 to ImmunoGen's current report on Form 8-k, filed with the Securities and Exchange Commission on December 18, 2020 and subsequent documents filed with the Securities and Exchange Commission.

WHY IMMUNOGEN?



PIVOTAL DATA: Q3 2021 POTENTIAL APPROVAL: 2022



ANTICIPATED COMPENDIA LISTINGS FOR MIRVETUXIMAB COMBINATIONS







POISED TO BECOME A FULLY-INTEGRATED ONCOLOGY COMPANY WITH TWO PRODUCTS ON THE MARKET BY THE END OF 2022

STRATEGIC PRIORITIES

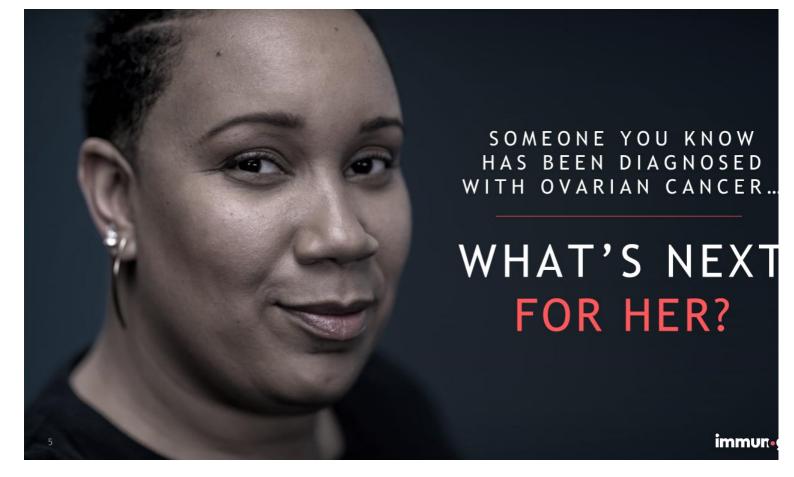
BRINGING ANTIBODY-DRUG CONJUGATES TO CANCER PATIENTS

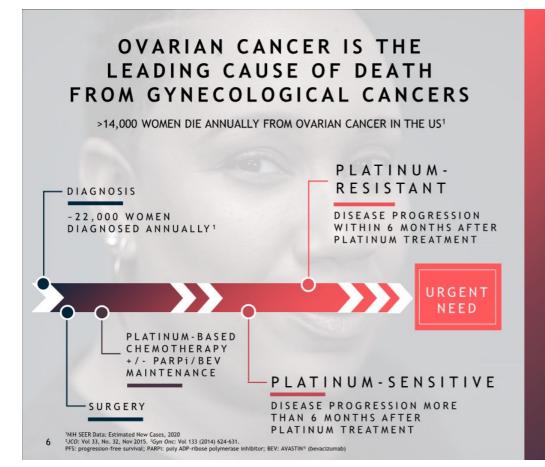
COMPLETE
MIRVETUXIMAB
REGISTRATION STUDIES
AND PURSUE
OPPORTUNITIES TO
MOVE INTO EARLIER
LINES OF THERAPY

ADVANCE
PORTFOLIO OF
EARLIER STAGE
PRODUCT CANDIDATES
WITH A FOCUS ON
PATH TO FULL
APPROVAL FOR
IMGN632

FURTHER
STRENGTHEN
BALANCE SHEET AND
EXPAND CAPABILITIES
THROUGH

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MOST PATIENTS
DEVELOP PLATINU
RESISTANT DISEAS

POOR OUTCOMES

- Low response rates and short PFS with current single agents
- Significant toxicities associate with current treatments^{2, 3}

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MIRVETUXIMAB SORAVTANSINE

KEY ATTRIBUTES

- · Novel ADC with distinct FRα-binding antibody, cleavable linker, and maytansinoid DM4 payload
- · Favorable tolerability profile
- Demonstrated activity in patients with FRα-positive platinum-resistant and platinum-sensitive ovarian cancer¹
- · Sizeable safety database; studied in more than 700 patients

DEVELOPMENT STRATEGY

- Seek initial label as monotherapy in platinum-resistant ovarian cancer
- · Move into earlier lines of therapy and become the combination agent of choice in ovarian cano
- Lever cooperative groups and ISTs to generate complementary data in ovarian and endometria cancers

DESIGNED TO DISPLACE CHEMOTHERAPY TO DELIVER MORE GOOD DAYS FOR WOMEN WITH OVARIAN CANCER

'ASCO 2019 Poster; Moore, K., et al. ASCO 2019 Poster; O'Malley, D., et al. ESMO 2019 Poster; Moore, K., et al. ASCO 2020 Poster; Gilbert, L., et al. ESMO 2020 Poster; O'Malley, D., et al. Poster; Moore, K., et al. ASCO 2020 Poster; Gilbert, L., et al. ESMO 2020 Poster; O'Malley, D., et al. ESMO 2019 Poster; O'Malley, D., et al.



ALIGNED WITH FDA RECOMMENDATIONS

Women with FRα-high platinumresistant ovarian cancer that has progressed after prior treatment with bevacizumab require better therapeutic options

12%
ORR
EXPECTATION
FOR BEST AVAILABLE
THERAPIES^{1,2}

AVASTIN® (bevacizumab) prescribing information. ²ESMO 2018 Poster; Gaillard S., et al ORR: confirmed overall response rate; mDOR: median duration of response

MIRVETUXIMAB:

POTENTIAL FOR ACCELERATED APPROVAL

SUPPORTING DATA

POOLED POST-HOC ANALYSIS FROM PHASE 1 AND PHASE 3 FORWARD I STUDIES BEVACIZUMAB PRE-TREATED PATIENTS

Platinum-Resistant Ovarian Cancer, Primary PFI >3 Months, PS2+ Scoring Method, 1-3 Priors, n=70

31.4% 95% CI ORR (20.9%, 43.6%)

7.8 mos 95% CI mDOR (3.98, --)

REPLICATING THESE DATA IN A SINGLE-ARM STUDY COULD SUPPORT ACCELERATED APPROVAL



SINGLE-ARM PIVOTAL TRIAL FOR MIRVETUXIMAB IN FRa-HIGH PATIENTS WITH PLATINUM-RESISTANT OVARIAN CANCER

TARGET TIMELINES



BLA H2 2021

PRIMARY ENDPOINT

ORR by Investigator
BICR for Sensitivity Analysis

SECONDARY ENDPOINT

DOR by Investigator

ENROLLMENT AND KEY ELIGIBILIT

~110 patients
Platinum-resistant disease (primary PFI >3 mos
Prior bevacizumab required
Prior PARPi allowed
Patients with BRCA mutations allowed

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BLA: Biologics License Application; BICR: blinded independent central review; DOR: duration of response BRCA: BReast CAncer gene



PHASE 3 RANDOMIZED TRIAL FOR MIRVETUXIMAB IN FRα-HIGH PATIENTS WITH PLATINUM-RESISTANT OVARIAN CANCER

TARGET TIMELINES



TOP-LINE DATA H1 2022

sBLA

2023

1:1 RANDOMIZATION

Mirvetuximab

STRATIFICATION FACTORS
IC Chemotherapy (Paclitaxel, PLD, Topotecan)
Prior Therapies (1 vs 2 vs 3)

Investigator's Choice Chemotherapy Paclitaxel, PLD, or Topotecan

PRIMARY ENDPOINT

PFS by Investigator BICR for Sensitivity Analysis

SECONDARY ENDPOINTS

ORR by Investigator, OS, and PRO

ENROLLMENT AND KEY ELIGIBILITY

430 patients/330 events for PFS by Investigator Platinum-resistant disease (primary PFI >3 mos) Prior bevacizumab allowed* Prior PARPi allowed Patients with BRCA mutations allowed

MOVE INTO EARLIER LINES OF TREATMENT AND BECOME COMBINATION AGENT OF CHOICE IN OVARIAN CANCER

Full doses of mirvetuximab can be combined with full doses of all agents studied 1, 2, 3

Favorable safety data; adverse events in line with known profiles of each agent

MIRVETUXIMAB + BEVACIZUMAB2

64% ORR
FRG-HIGH RECURRENT
OVARIAN CANCER

- Compelling activity in FRα-high recurrent ovarian cancer, regardless of platinum status, compared to available therapies
 - 59% ORR (10/17) in the platinum-resistant subgr
 - 69% ORR (11/16) in the platinum-sensitive subgr

MIRVETUXIMAB + CARBOPLATIN3

80% ORR

15 MOS mPFS FRα-MED and -HIGH

- Highly active in recurrent platinum-sensitive ovarial cancer
- Supporting initiation of randomized Phase 2 -140 pa IST in recurrent platinum-sensitive ovarian cancer a well as a -70 patient neo-adjuvant IST in H1 2021

MIRVETUXIMAB TRIPLET⁴

83% ORR

12.8 MOS mPFS FRα-MED and -HIGH Efficacy outcomes encouraging relative to current standard of care triplet regimens

EVALUATING COMBINATIONS FOR POTENTIAL LABEL EXPANSION WHILE GENERATING DATA TO SUPPORT COMPENDIA LISTINGS

'ASCO 2019 Poster; O'Mailey, D., et al. 'ASCO 2020 Oral Presentation; Gilbert, L., et al. 'Gynecologic Oncology 151 (2018) 48-52. 'ESMO 2020 Poster, O'Mailey, D., et al. mPFS: median progression-free survival

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MIRVETUXIMAB MARKET OPPORTUNITY

ADDRESSING KEY SEGMENTS OF THE RECURRENT OVARIAN CANCER MARKE



~2,100
FRAMHIGH
PATIENTS

MONOTHERAPY Bevacizumab Pre-Treated 2L-4L Platinum-Resistant

Q3 2021

MIRAS !!L

~2,100
FRQ-HIGH
PATIENTS

MONOTHERAPY 2L-4L Platinum-Resistant

TOP-LINE RESULTS
H1 2022

MIRV + BEV

~2,700
FR a - HIGH
PATIENTS

COMBINATION Recurrent

POTENTIAL FOR Compendia Listing in 2022

MIRV + CARBO



COMBINATION Platinum-Sensitive

POTENTIAL FOR Compendia Listing in 20%

~40% OF OVARIAN CANCER PATIENTS ARE FRα-HIGH EXPRESSORS

Numbers represent Company estimates of US patients with conditions covered by the Company's targeted indications. Similar market size expected in Europe. Sources: Decision Resources Group, diagnosed drug-treatable patients 2020. Kantar Health. Ipsos Oncology Monitor average Q4 2018 - Q3 2020. CARBO: carboplatin

MIRVETUXIMAB FOR OVARIAN CANCER







ROBUST DATA IN MORE THAN 700 PATIENTS

- Strong and consistent efficacy data in FRα-high patients
- · Favorable tolerability profile
- · Selection assay identifies patients most likely to benefit

SORAYA: POTENTIAL PATH TO ACCELERATED APPROVAL

- · Enrolling patients globally
- Top-line data expected in Q3 2021
- BLA expected by the end of 2021 with potential for accelerated approval in 20

MIRASOL: DESIGNED TO PROVIDE DATA TO SUPPOF FULL APPROVAL

- · Enrolling patients globally
- Top-line data expected in H1 2022
- Potential for full approval in 2023

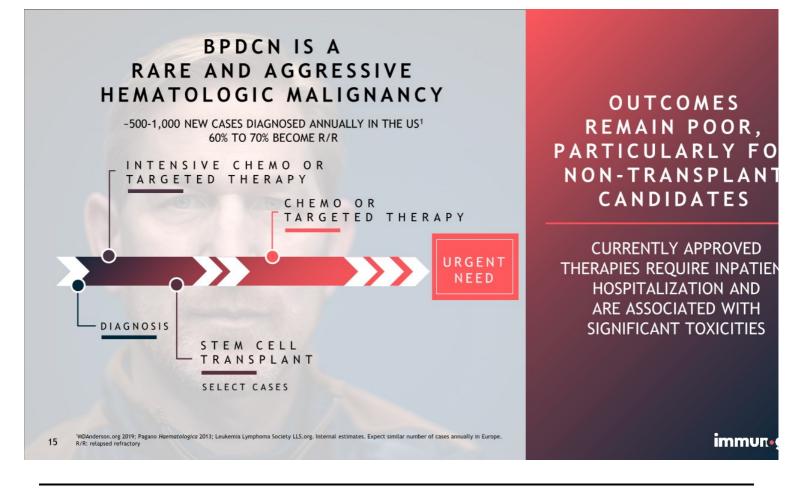
COMBINING TO DEVELOP MIRVETUXIMAB FOR EARLIER LINES OF THERAPY

- Mature MIRV + BEV data in recurrent ovarian cancer to be presented at ASCO :
- Planning for label expansion and compendia listings

PREPARING FOR COMMERCIALIZATION

- · Pre-commercial activities underway in the US
- Strategic collaboration with Huadong established to develop and commerciali mirvetuximab in mainland China, Hong Kong, Macau, and Taiwan





IMGN632

KEY ATTRIBUTES

- · CD123-targeted ADC with novel DNA-acting payload
- Demonstrated activity with complete responses in BPDCN^{1,2} and AML¹
- Favorable safety and tolerability observed at multiple dose levels^{1,2}
- · Administered in the outpatient setting via short (less than 30 minutes) infusion every three weeks

DEVELOPMENT STRATEGY

- Fast-to-market in BPDCN patients; granted Breakthrough Therapy Designation and aligned with FDA on a pathway to full approval
- Potential label expansion: in combination for relapsed AML and frontline AML patients unfit for intensive induction chemotherapy; monotherapy in frontline MRD+ AML
- · Seek proof of concept in additional CD123-positive hematologic malignancies including ALL

DESIGNED TO TARGET MULTIPLE CD123+
HEMATOLOGIC MALIGNANCIES

¹ASH 2018 Oral Presentation; Daver, N., et al. ASH 2019 Oral Presentation; Daver, N., et al. ²ASH 2020 Oral Presentation; Pemmaraju, N., et al. AML: acute myeloid leukemia; MRD-: minimal residual disease positive; ALL: acute lymphocytic leukemia

ASH 2020 CONCLUSIONS¹

FAVORABLE SAFETY PROFILE

- No capillary leak syndrome
- No drug-related discontinuations
- No drug-related deaths
- Limited grade ≥3 TEAEs

EFFICACY

In all R/R BPDCN patients:

- ORR: 29% (8/28, 2 CR, 2 CRc, 1 CRi, 3 PR)
- CCR: 18% (5/28)

In patients with prior tagraxofusp exposure:

- ORR: 31% (4/13, 1 CR, 1CRi, 2 PR)
- CCR: 15% (2/13)

IMGN632

PATHWAY TO FULL APPROVAL IN BPDCN

801 STUDY
Largest-to-date
prospective group
of uniformly
treated patients in
R/R BPDCN

Received Orphan Drug Designation in BPDCN from FDA and EMA Granted
Breakthrough
Therapy
Designation in
R/R BPDCN
from FDA

TYPE B MEETING HELD WITH FDA IN Q4 2020 ALIGNED ON PATH TO FULL APPROVAL IN BPDCN

Add a pivotal cohort of up to 20 frontline patients to support a label covering all BPDCN patien

SAP designed to exclude null hypothesis of 10% CR/CRc rate deemed acceptable

Proposed safety database combining AML and frontline and R/R BPDCN patients deemed adequa

ASH 2020 Oral Presentation; Pemmaraju, N., et al.

TEAE: treatment emergent adverse event; SAP: statistical analysis plan; CR: complete response; *CRc: clinical CR = CR criteria EXCEPT limited residual skin disease "marked clearance of all skin lesions from baseline; residual hyperpigmentation or abnormality with BPDCN identified on biopsy (or no biopsy performed)"; CRI: complete remission with incomplete hematologic recovery; PR: partial response; CCR: CR*CRc*CRi

801 PIVOTAL COHORT DESIGN

SINGLE-ARM PIVOTAL **COHORT FOR IMGN632** IN FRONTLINE BPDCN

TARGET TIMELINES



ENROLLMENT AND TOP-LINE DATA 12-18 **MONTHS**

BLA 2022

PRIMARY ENDPOINT CR plus CRc

SECONDARY ENDPOINT

Duration of CR/CRc

ENROLLMENT AND KEY ELIGIBILIT

Up to 20 frontline patients Includes patients with prior local therapy Patients ≥18 years old CD123+ by flow cytometry or IHC No minimum serum albumin required

SUPPORTING DATA

3 patients previously enrolled in Study 801 mee the eligibility criteria for the frontline cohort all 3 of these patients have achieved CR/CRc

IMGN632 IN AML

PRE-CLINICAL COMBINATION DATA 1

- IMGN632+VEN+AZA triplet significantly improved survival compared to VEN+AZA doublet in CD123+ AML patient-derived xenograft models
- Triplet demonstrated significant improvement in survival in a model sensitive to VEN+AZA
- In two models refractory to VEN+AZA, triplet demonstrated the potential to overcome VEN+AZA resistance

ANTICIPATE INITIAL COMBINATION DATA IN MID-2021

PATH FORWARD

- Actively enrolling R/R AML patients in a Phase 1b/2 dose escalation and expansion study
- Working to determine recommended Phase 2 dose and schedule for combination regimens
- No dose limiting toxicities reported, including none in the triplet cohort

EVALUATING COMBINATION DOUBLET AND TRIPLET REGIMENS OF IMGN632 PLUS AZACITIDINE AND/OR VENETOCLAX

19 ASH 2020 Poster; Kuruvilla, V., et al. VEN: venetoclax; AZA: azacitidine

ADVANCING OUR PORTFOLIO OF EARLIER STAGE PRODUCT CANDIDATES

IMGC936

CONTINUED INNOVATION GENERATING DIFFERENTIATED ADCS

- First-in-class ADAM9-targeting therapy
- ADAM9 is overexpressed in multiple solid tumors (e.g., non-small cell lung, gastric, pancreatic, triple-negative breast, and colorectal)¹ but has a low level of expression in normal tissues/cells
- Comprised of high-affinity humanized antibody with YTE mutation conjugated to DM21, a highly potent next-generation maytansinoid payload, with a stable peptide linker
- 50/50 co-development with MacroGenics; first patient dosed November 2020

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¹AACR 2019 Poster; Hicks S., et al.

ADVANCING OUR PORTFOLIO OF EARLIER STAGE **PRODUCT CANDIDATES**

IMGN151

CONTINUED INNOVATION GENERATING DIFFERENTIATED ADCs

- Next-generation anti-FRa ADC designed to have improved activity against tumors with a broad range of FRa-expression (e.g., ovarian, endometrial, triple-negative breast, and non-small cell lung cancer)1
- Comprised of a bivalent, biparatopic antibody targeting two independent epitopes of FRa conjugated to DM21, a highly potent next-generation maytansinoid payload, with a stable peptide linker
- In preclinical development; IND expected by end of 2021

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21 AACR 2020 Poster; Ab, O., et al.
IND: investigational new drug application

OUR APPROACH TO PARTNERING

MAXIMIZE THE VALUE OF OUR STRATEGIC PROGRAMS
BY RISK SHARING AND PARTNERING FOR CAPABILITIES



Development and commercialization of mirvetuximab in Greater China



Global co-development and co-commercialization of IMGC93

RICH PORTFOLIO OF EARLY-STAGE IP PROVIDES OPPORTUNITIES FOR PARTNERSHIPS AND PIPELINE EXPANSION

OUT-LICENSING

Key legacy licenses enabled KADCYLA® (Roche/Genentech), SARCLISA® (Sanofi); current licenses to nine parties for cancer and non-cancer applications

IP AND KNOW-HOW

Portfolio comprised of latest generation of maytansinoid, IGN, and novel camptothecin toxins, associated linkers, and antibodies

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OUR PATH TO BECOMING A FULLY-INTEGRATED ONCOLOGY COMPAN' 2021 Milestones



MIRVETUXIMAB

- Complete enrollment in pivotal SORAYA trial
- Share top-line SORAYA data in Q3 2021 and submit BLA by end of 2021
- Present mature MIRV + BEV data in recurrent ovarian cancer at ASCO 2021
- Support initiation of neoadjuvant and platinum-sensitive MIRV + CARBO ISTs



IMGN632

- Continue enrollment in frontline and R/R BPDCN monotherapy cohorts
- Present mature R/R BPDCN and initial AML combination data at ASH 2021
- Continue evaluation of triplet combination in AML and MRD+ monotherapy



IMGC936

- · Continue enrollment in Phase 1 dose escalation study
- · Potential for initial data by late 2021



IMGN151

Continue pre-clinical development work Submit IND in H2 2021

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TARGET A BETTER NOW

IMPORTANT CATALYSTS IN 2021 FOR LEAD MIRVETUXIMAB PROGRAM
PIVOTAL DATA IN 03 AND BLA BY YEAR-END

PATH TO FULL APPROVAL FOR IMGN632 IN BPDCN ESTABLISHED ENROLLMENT AND TOP-LINE DATA IN 12-18 MONTHS AND BLA IN 2022

INNOVATIVE EARLIER STAGE CANDIDATES IN SOLID TUMORS

IMGC936: FIRST-IN-CLASS ADAM9-TARGETING ADC IN THE CLINIC IMGN151: NEXT-GENERATION FRα-TARGETING ADC IND EXPECTED BY YEAR-END LEADING ADC TECHNOLOGY

ADVANCING TO FULLY-INTEGRATED ONCOLOGY COMPANY

POTENTIAL FOR TWO MARKETED PRODUCTS IN 2022 STRONG CASH POSITION AND EXPERIENCED MANAGEMENT TEAM

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