

REGENERON
SCIENCE TO MEDICINE®

**CORPORATE
PRESENTATION**

FEBRUARY 2019

NOTE REGARDING FORWARD-LOOKING STATEMENTS AND NON-GAAP FINANCIAL MEASURES

This presentation includes forward-looking statements that involve risks and uncertainties relating to future events and the future performance of Regeneron Pharmaceuticals, Inc. ("Regeneron" or the "Company"), and actual events or results may differ materially from these forward-looking statements. Words such as "anticipate," "expect," "intend," "plan," "believe," "seek," "estimate," variations of such words, and similar expressions are intended to identify such forward-looking statements, although not all forward-looking statements contain these identifying words. These statements concern, and these risks and uncertainties include, among others, the nature, timing, and possible success and therapeutic applications of Regeneron's products, product candidates, and research and clinical programs now underway or planned, including without limitation EYLEA® (aflibercept) Injection, Dupixent® (dupilumab) Injection, Praluent® (alirocumab) Injection, Kevzara® (sarilumab) Injection, Libtayo® (cemiplimab) Injection, fasinumab, evinacumab, Regeneron's immuno-oncology programs (including its costimulatory bispecific portfolio), Regeneron's earlier-stage product candidates, and the use of human genetics in Regeneron's research programs; the extent to which the results from Regeneron's research programs or preclinical testing may lead to advancement of product candidates to clinical trials or therapeutic applications; unforeseen safety issues resulting from the administration of products and product candidates in patients, including serious complications or side effects in connection with the use of Regeneron's product candidates in clinical trials; the likelihood and timing of possible regulatory approval and commercial launch of Regeneron's late-stage product candidates and new indications for marketed products, including without limitation EYLEA, Dupixent, Praluent, Kevzara, Libtayo, fasinumab, and evinacumab; the likelihood and timing of achieving any of the anticipated milestones described in this presentation; the extent to which the results from the research and development programs conducted by Regeneron or its collaborators may be replicated in other studies and lead to therapeutic applications; ongoing regulatory obligations and oversight impacting Regeneron's marketed products (such as EYLEA, Dupixent, Praluent, Kevzara, and Libtayo), research and clinical programs, and business, including those relating to patient privacy; determinations by regulatory and administrative governmental authorities which may delay or restrict Regeneron's ability to continue to develop or commercialize Regeneron's products and product candidates; competing drugs and product candidates that may be superior to Regeneron's products and product candidates; uncertainty of market acceptance and commercial success of Regeneron's products and product candidates and the impact of studies (whether conducted by Regeneron or others and whether mandated or voluntary) on the commercial success of Regeneron's products and product candidates; the availability and extent of reimbursement of the Company's products from third-party payers, including private payer healthcare and insurance programs, health maintenance organizations, pharmacy benefit management companies, and government programs such as Medicare and Medicaid; coverage and reimbursement determinations by such payers and new policies and procedures adopted by such payers; the ability of Regeneron to manufacture and manage supply chains for multiple products and product candidates; the ability of Regeneron's collaborators, suppliers, or other third parties to perform filling, finishing, packaging, labeling, distribution, and other steps related to Regeneron's products and product candidates; unanticipated expenses; the costs of developing, producing, and selling products; the ability of Regeneron to meet any of its sales or other financial projections or guidance and changes to the assumptions underlying those projections or guidance, including financial guidance relating to Sanofi collaboration revenue, non-GAAP unreimbursed R&D, non-GAAP SG&A, effective tax rate, and capital expenditures; risks associated with intellectual property of other parties and pending or future litigation relating thereto, including without limitation the patent litigation proceedings relating to EYLEA, Dupixent, and Praluent, the ultimate outcome of any such litigation proceeding, and the impact any of the foregoing may have on Regeneron's business, prospects, operating results, and financial condition; and the potential for any license or collaboration agreement, including Regeneron's agreements with Sanofi, Bayer, and Teva Pharmaceutical Industries Ltd. (or their respective affiliated companies, as applicable), to be cancelled or terminated without any further product success. A more complete description of these and other material risks can be found in Regeneron's filings with the U.S. Securities and Exchange Commission, including its Form 10-K for the fiscal year ended December 31, 2018 in the section thereof captioned "Item 1A. Risk Factors." Any forward-looking statements are made based on management's current beliefs and judgment, and the reader is cautioned not to rely on any forward-looking statements made by Regeneron. Regeneron does not undertake any obligation to update publicly any forward-looking statement, including without limitation any financial projection or guidance, whether as a result of new information, future events, or otherwise.

This presentation uses non-GAAP unreimbursed R&D and non-GAAP SG&A, which are financial measures that are not calculated in accordance with U.S. Generally Accepted Accounting Principles ("GAAP"). These non-GAAP financial measures are computed by excluding certain non-cash and other items from the related GAAP financial measure. Non-GAAP adjustments also include the income tax effect of reconciling items. The Company makes such adjustments for items the Company does not view as useful in evaluating its operating performance. For example, adjustments may be made for items that fluctuate from period to period based on factors that are not within the Company's control, such as the Company's stock price on the dates share-based grants are issued. Management uses these and other non-GAAP measures for planning, budgeting, forecasting, assessing historical performance, and making financial and operational decisions, and also provides forecasts to investors on this basis. Additionally, such non-GAAP measures provide investors with an enhanced understanding of the financial performance of the Company's core business operations. However, there are limitations in the use of these and other non-GAAP financial measures as they exclude certain expenses that are recurring in nature. Furthermore, the Company's non-GAAP financial measures may not be comparable with non-GAAP information provided by other companies. Any non-GAAP financial measure presented by Regeneron should be considered supplemental to, and not a substitute for, measures of financial performance prepared in accordance with GAAP. A reconciliation of the Company's full year 2019 non-GAAP to GAAP financial guidance is provided on slide 26.

KEY 2018 MILESTONES AND ACHIEVEMENTS

2018

RESEARCH & DEVELOPMENT

Key Regulatory Approvals*

LIBTAYO Advanced CSCC

DUPIXENT Moderate-to-severe Asthma

EYLEA Q12 week dosing in wAMD after one year of effective therapy

Key Regulatory Filings

EYLEA Diabetic Retinopathy

DUPIXENT Atopic Dermatitis in adolescents

PRALUENT Cardiovascular Risk Reduction

Clinical Trial Readouts

DUPIXENT Ph3 Chronic Rhinosinusitis with Nasal Polyps

LIBTAYO Ph1 Non Small Cell Lung Cancer

REGN1979 (CD20xCD3) PoC in Follicular Lymphoma & Diffuse Large B-Cell Lymphoma

Fasimumab (NGF) Ph3 Osteoarthritis

Pozelimab (C5) Ph1 in Healthy Volunteers

Ph2 and Ph3 Trial Initiations

DUPIXENT

Ph2/3 Eosinophilic Esophagitis

Ph2 Grass Allergy

Ph2 Peanut Allergy

Ph2/3 AD in peds (6mo–5yr)

REGN3500 (IL-33)

Ph2 Chronic Obstructive Pulmonary Disease

Ph2 Asthma

Ph2 Atopic Dermatitis

KEVZARA

Ph3 Polymyalgia Rheumatica

Ph3 Giant Cell Arthritis

INDs & Ph1 Trial Initiations

REGN4018 (MUC16xCD3) Ovarian Cancer

REGN5458 (BCMAxCD3) Multiple Myeloma

REGN4659 (CTLA-4) Cancer

REGN5069 (GFRα3) Pain

REGN4461 (LEPR) Metabolic Disease

Infectious Disease Delivered REGN-EB3 to the Democratic Republic of the Congo for use in Ebola patients

Genetics Sequenced 500k human exomes to date

New Partnerships/Collaborations UK Biobank consortium, bluebird bio, Alnylam, Zoetis

COMMERCIAL

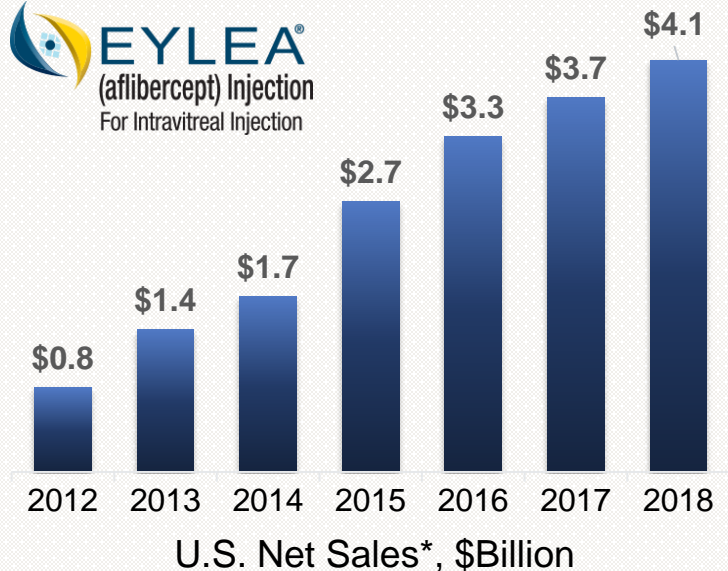
U.S. EYLEA 2018 net sales of ~\$4.08 Billion; 10% year-over-year growth

DUPIXENT Global 2018 net sales of \$922 Million; Atopic Dermatitis launch continues to accelerate; Asthma launch progressing well, particularly among allergists

LIBTAYO U.S. 2018 net sales of \$15 Million; physician interest and market uptake are encouraging

PRALUENT Working with payers to improve access and lower cost to patients

EYLEA®: STRENGTHENING MARKET LEADERSHIP POSITION



| | | |
|------------|-------------|-------------|
| Net Sales: | 4Q18 | FY18 |
| U.S. | \$1,078.9MM | \$4,076.7MM |
| Global | \$1,803.3MM | \$6,745.6MM |

Building on leadership position in wAMD and diabetic eye disease, both of which are increasing in prevalence

- We believe there are no near-term potential agents that can provide substantially different dosing flexibility, duration or visual gains than are already achievable with EYLEA

Label expansions and line extensions

Innovating next generation therapeutics

Our strategy is to maximize EYLEA growth opportunities and develop next generation therapeutics

EYLEA®: LEADING OPHTHALMOLOGY INNOVATION

Opportunities in Diabetic Eye Diseases

Diabetic Macular Edema (DME)

- Targeted commercial strategy to increase anti-VEGF penetration

Diabetic Retinopathy (DR) without DME – PDUFA date May 13, 2019

- Phase 3 PANORAMA study shows potential to change clinical practice
 - High unmet need: ~40% of untreated patients developed VTCs or CI-DME through week 52
- EYLEA reduced vision deterioration by more than 75% in the overall patient population
 - 72-76% reduction in VTCs and CI-DME: 10-11% EYLEA vs. 41% sham
 - 65-80% of EYLEA-treated patients experienced ≥ two-step improvement from baseline on the Diabetic Retinopathy Severity Scale (DRSS) vs. 15% sham
- Of the 3.5M people in the U.S. with DR without DME, ~1M individuals have moderately severe to severe disease and are at greatest risk

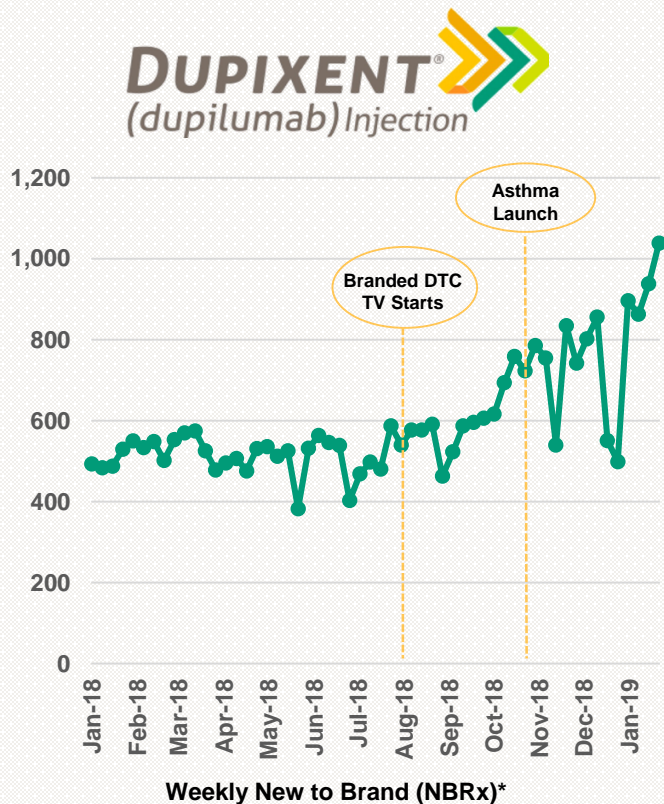
Next Generation Strategy

Our strategy is to make even better treatments than our market-leading anti-VEGF therapy, EYLEA

- **High Dose Formulation of EYLEA**
- **Other new molecular entities and gene therapies**

VTCs – Vision-threatening complications; CI-DME – center-involved diabetic macular edema

DUPIXENT®: BUILDING LEADERSHIP IN ATOPIC DERMATITIS AND LAUNCHING IN ASTHMA



* Source: IQVIA
Please see full Prescribing Information for all approved products



Atopic Dermatitis: Practice-Changing Advance in Management

In the U.S., less than 15% of adult AD patients with the greatest need have used DUPIXENT

High persistence and compliance indicate patient and physician satisfaction

Ex-U.S. launch in early stage and progressing well

Encouraging prescription trends following commencement of DTC TV campaign in 3Q18



Moderate-to-Severe Asthma: High Unmet Need

Only asthma biologic approved for:

- Self administration
- Moderate-to-severe asthma with an eosinophilic phenotype
- Oral corticosteroid-dependent asthma regardless of phenotype
- AD patients with comorbid asthma

Clinically meaningful improvements in lung function, asthma attacks and oral steroid sparing

Up to 900K patients (≥12 years) in the U.S. with moderate-to-severe asthma may be suitable for biologic therapy

Encouraging initial prescription trends, particularly among allergists treating asthma

DUPIXENT®: DELIVERING ON THE “PIPELINE IN A PRODUCT” PROMISE

APPROVED INDICATIONS

Atopic Dermatitis

Approved in Adults

Moderate-to-Severe Asthma

Approved in Adults and Adolescents

NEAR-TERM OPPORTUNITIES

Atopic Dermatitis in Adolescents (12–17 years)

PDUFA date March 11, 2019

Atopic Dermatitis in Pediatrics (6–11 years)

Ph3 results expected in 2019

Chronic Rhinosinusitis with Nasal Polyps (CRSwNP)

Two Positive Ph3 studies reported 2H18
sBLA filing expected in 1Q19

Eosinophilic Esophagitis

Positive Ph2 results; pivotal Ph2/3 initiated 3Q18

Chronic Obstructive Pulmonary Disease (COPD)

Initiate Ph2/3 in 2019

LONGER-TERM OPPORTUNITIES

Pediatric Asthma (6-11 years)

Ph3 ongoing

Food Allergies

Ph2 in Peanut Allergy initiated; more planned

Airborne Allergies

Ph2 in Grass Allergy enrollment complete

Combinations with REGN3500 (IL-33)

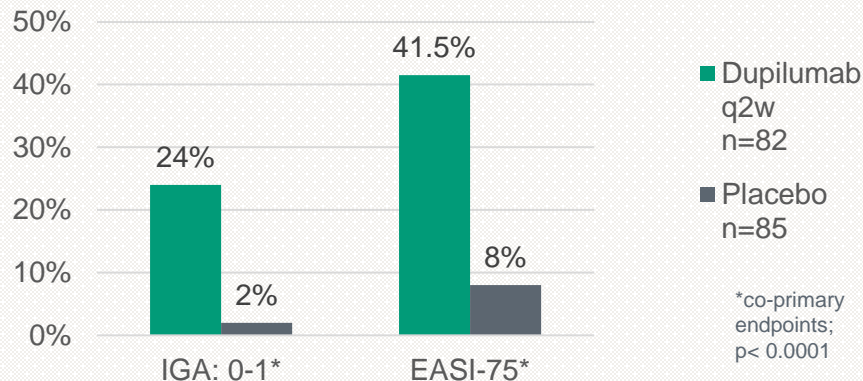
Ph2 initiated in AD and Asthma; Asthma Ph2 results expected in 2019

DUPIXENT®: DELIVERING ON THE “PIPELINE IN A PRODUCT” PROMISE

ADOLESCENT AND PEDIATRIC ATOPIC DERMATITIS – HIGH DISEASE BURDEN WITH LIMITED TREATMENT OPTIONS

Adolescent Atopic Dermatitis (Ages 12–17 years)

Positive Ph3 data reported; PDUFA date March 11, 2019



- Overall rate of treatment-emergent adverse events was comparable between the dupilumab group (72%) and placebo (69%). The rate of overall infections and infestations was numerically lower in the dupilumab group (11%) vs. placebo (20%)
- No SAEs or events leading to discontinuation in the treatment group

IGA: Investigator's Global Assessment, EASI: Eczema Area and Severity Index

Before DUPIXENT

Prior treatments included cycles of prednisone, oral anti-Staph antibiotics, triamcinolone and chronic daily sedating antihistamines



After DUPIXENT

Patient had significantly improved overall disease severity, skin clearing and reduced itching



LIBTAYO®: NEW HOPE FOR PATIENTS WITH ADVANCED CSCC

Cutaneous squamous cell carcinoma (CSCC) is the second most common form of skin cancer (after Basal Cell Carcinoma) and is responsible for an estimated 7,000 deaths per year in the U.S.

LIBTAYO is the only FDA approved treatment option for advanced CSCC, a life-threatening condition

Regeneron reported 4Q18 net product sales of \$15 Million



The NEW ENGLAND
JOURNAL of MEDICINE

June 2018 NEJM publication details pivotal Phase 2 study results in 59 metastatic CSCC patients:

- Primary endpoint: 47.5% Overall Response Rate by independent review
- Durable Disease Control Rate of 61%
- Median duration of response and progression-free survival have not been reached
- LIBTAYO was associated with adverse events similar to other PD-1 inhibitors



Patient in Phase 2 Study



Baseline



Week 8

An 83-year-old patient who had undergone multiple surgeries for CSCC, at baseline and after 8 weeks of treatment with LIBTAYO

LIBTAYO®: THE FOUNDATION OF OUR IO STRATEGY



CSCC: THE FIRST OF MANY POTENTIAL APPROVALS

LIBTAYO is the first and only FDA-approved therapy for patients with advanced CSCC; potentially pivotal study in BCC ongoing

We plan to be a major player in indications where PD-1 inhibition has shown activity

We have a comprehensive and differentiated IO strategy with LIBTAYO at the core

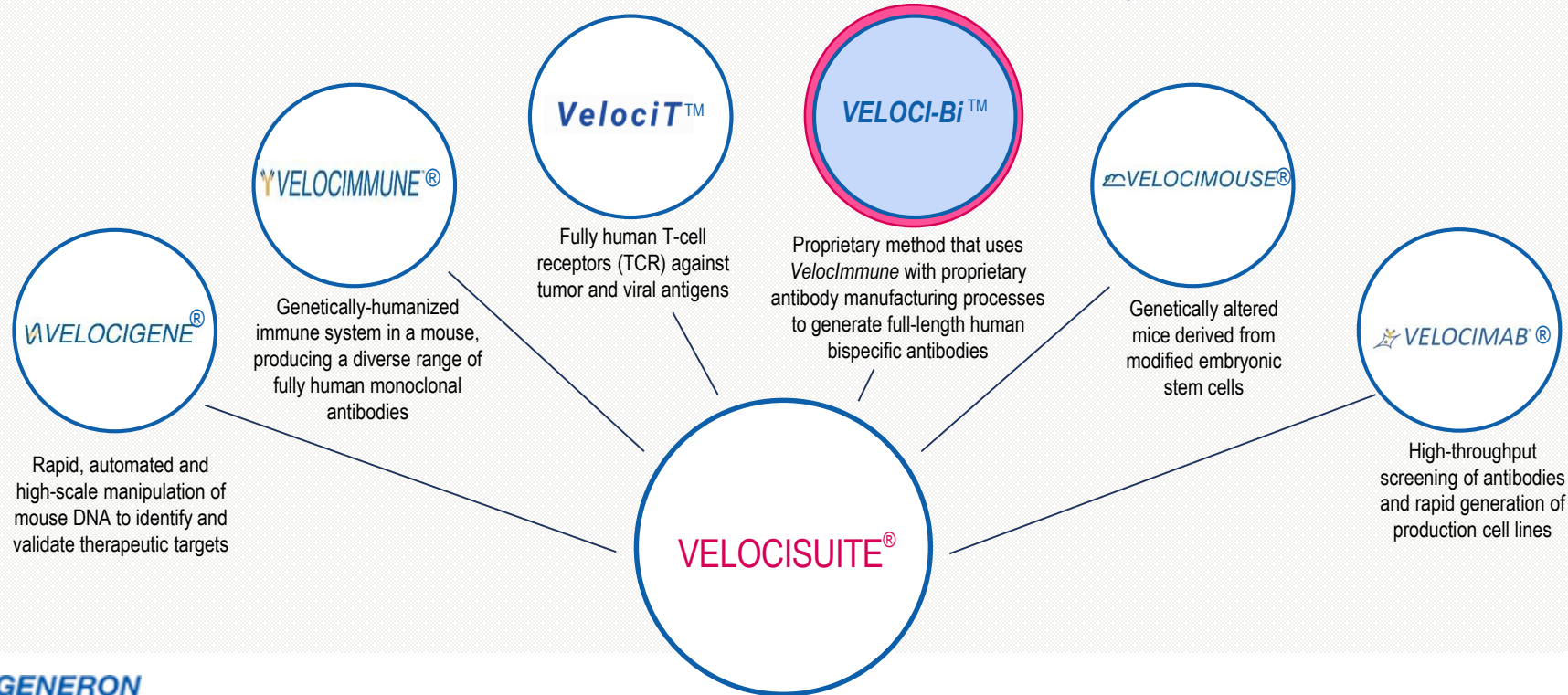
DEVELOPMENT STRATEGY

| | |
|---|---|
| Maximize Skin Cancer Opportunity | 2L Basal Cell Carcinoma (BCC) – Ph2 (potentially pivotal) ongoing CSCC – Ph3 adjuvant trial to start in 1H19; neo-adjuvant studies to follow Melanoma – regulatory discussions anticipated in 1H19 |
| Non Small Cell Lung Cancer (NSCLC) | 1L NSCLC Monotherapy ($\geq 50\%$ PD-L1) (n=700) – Ph3 ongoing 1L NSCLC Combination therapy (non-squamous and squamous, stratified by PD-L1 status) – Ph3 amended <ul style="list-style-type: none">• LIBTAYO + Chemo vs. Chemo |
| HPV Positive Cancers | 2L Cervical Cancer – Ph3 ongoing |
| Additional Solid & Liquid Tumor Indications | Pediatric Glioblastoma (GBM) – Ph1/2 initiated 1L Classical Hodgkin Lymphoma – Ph1 anticipated in 2019 |
| Combinations | Immune modulators, vaccines, cell therapies, kinase inhibitors, chemotherapy and bispecifics |

REGENERON'S IO STRATEGY IS BUILT ON A DEEP FOUNDATION OF SCIENCE AND TECHNOLOGY

619 manuscripts published, 9,351 patent applications filed and 4,945 patents issued over the last 10 years

500,000 exomes sequenced by Regeneron Genetics Center (RGC)



REGENERON'S IO STRATEGY CONNECTS MULTIPLE INDIVIDUAL PIECES...



...LOGICALLY AND RATIONALLY INTO A COHESIVE WHOLE



*...like pieces in a puzzle,
bringing order to chaos*

*Regeneron's IO puzzle is evolving
and not yet complete; based on
science and experimental data, the
shape, components and
configuration may change*

REGN1979, OUR EXCLUSIVELY-OWNED CD20xCD3 BISPECIFIC ANTIBODY, DEMONSTRATES HIGH ORR/CR

Data presented at the 2018 American Society of Hematology (ASH) Annual Meeting

Relapsed/
Refractory
Follicular
Lymphoma
(R/R FL)
Grade 1-3a

| | REGN1979 dose groups | | |
|---|----------------------|-------------------|-------------------|
| | <5 mg (n=7) | ≥5-≤12 mg (n=5) | ≥18-≤40 mg (n=5) |
| ORR | 1/7 (14%) | 5/5 (100%) | 5/5 (100%) |
| CR | 1/7 (14%) | 4/5 (80%) | 4/5 (80%) |
| PR | 0/7 (0%) | 1/5 (20%) | 1/5 (20%) |
| Responding patients who did not progress during study treatment, n/N (% of responders) | 1/1 (100%) | 4/5 (80%) | 5/5 (100%) |

Relapsed/
Refractory
Diffuse Large
B-Cell
Lymphoma
(R/R DLBCL)

| | REGN1979 dose groups | | |
|---|----------------------|-------------------|-------------------|
| | <5 mg (n=15) | ≥5-≤12 mg (n=11) | ≥18-≤40 mg (n=10) |
| ORR | 3/15 (20%) | 2/11 (18%) | 6/10 (60%) |
| CR | 0/15 (0%) | 1/11 (9%) | 2/10 (20%) |
| PR | 3/15 (20%) | 1/11 (9%) | 4/10 (40%) |
| Responding patients who did not progress during study treatment, n/N (% of responders) | 1/3 (33%) | 1/2 (50%) | 3/6 (50%) |

Initiating potentially pivotal studies in 2019

In our dose escalation Ph1 study, treatment with ≥5 mg of REGN1979 demonstrated 100% ORR and 80% CR in 10 pts with R/R FL

At higher doses in R/R DLBCL we are seeing response rates that make us optimistic about achieving activity comparable to CAR-Ts

At doses tested, REGN1979 was well-tolerated in B-NHL: 75% patients had Grade 3/4/5 AEs, no DLTs, 3% discontinued due to AE, no discontinuations due to CRS or immune-related events, no clinically significant neurotoxicity (no seizures/encephalopathy), 1 death due to related AE*

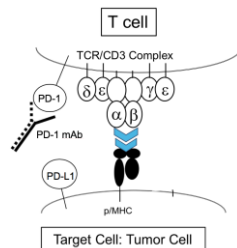
Safety and toxicity profile is encouraging and supports further dose escalation

REGENERON'S IO STRATEGY IS BASED ON RATIONAL COMBINATIONS

Anti-PD-1 Responsive Tumors

TCR binds tumor MHC/peptide

Anti-PD-1 mAb
monotherapy
or combination

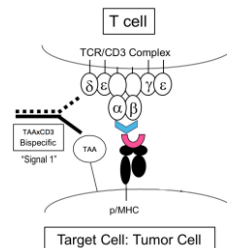


- Block T cell inhibition with LIBTAYO (anti-PD-1) monotherapy
- Enhance with combinations: chemotherapy, other immune modulators (e.g., CTLA-4, LAG-3, GITR), kinase inhibitors, vaccines, costimulatory bispecifics, etc.

Anti-PD-1 Unresponsive Tumors

TCR does not recognize tumor MHC/peptide

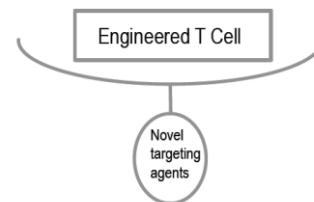
CD3 bispecific
alone, or in
combination with
PD-1 and/or
costimulatory
bispecifics



- Initiate immune response with a CD3 bispecific targeting tumor specific antigens (e.g., neoantigens bound to MHC) or tumor associated antigens on cells that are safe to ablate (e.g., CD20)
- Enhance response with anti-PD-1 and/or costimulatory bispecific directed against a tumor target

Additional Strategic Opportunities

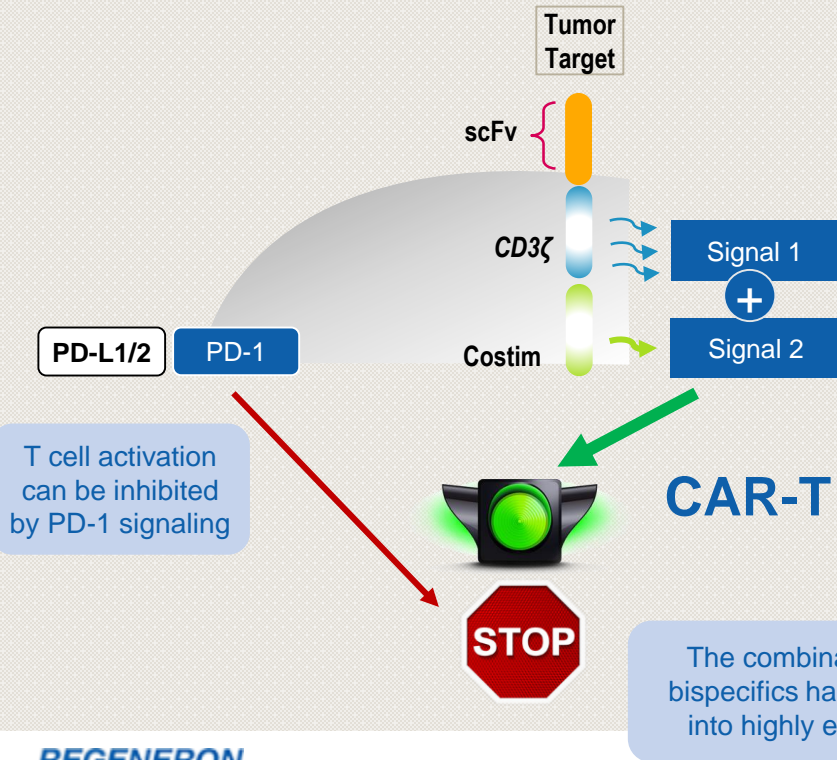
CAR-T
therapies
alone or in
combination



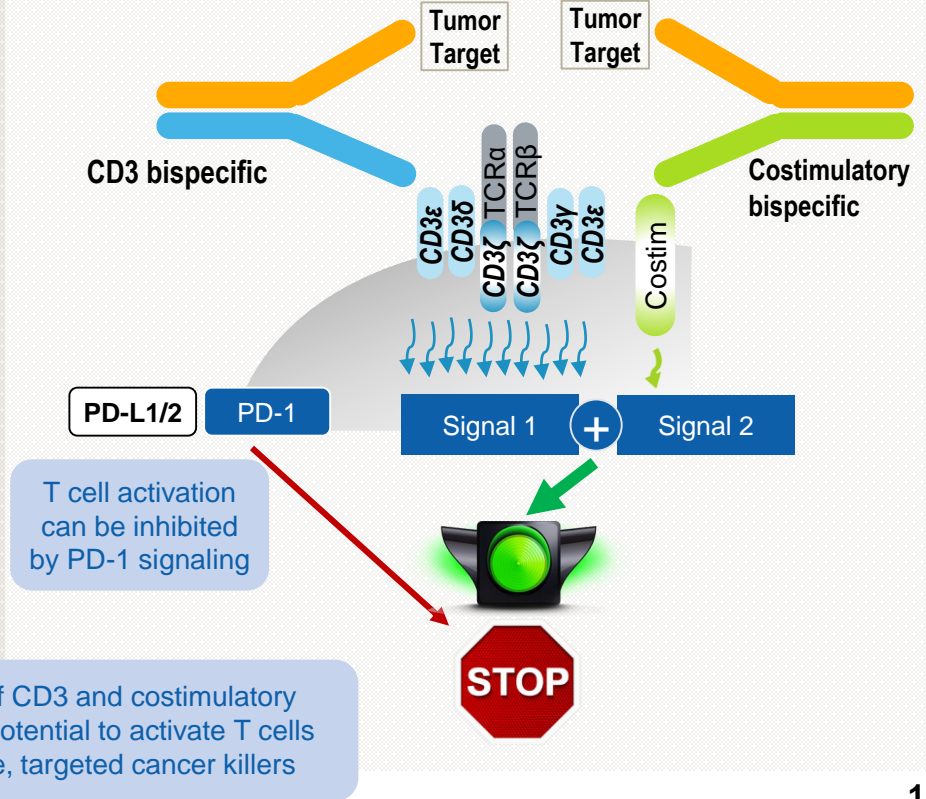
- Major collaboration with bluebird bio to empower and extend CAR-T therapies with novel tumor targeting moieties such as TCRs or reagents that bind peptide/MHC complexes
- Can complement with soluble reagents such as anti-PD-1 and CD3 or costimulatory bispecifics

REGENERON'S CD3 & COSTIMULATORY BISPECIFICS ARE OFF-THE-SHELF DRUGS WITH POTENTIAL TO TURN PATIENTS' T CELLS INTO CAR-T-LIKE CANCER KILLERS

CAR-T Mechanism

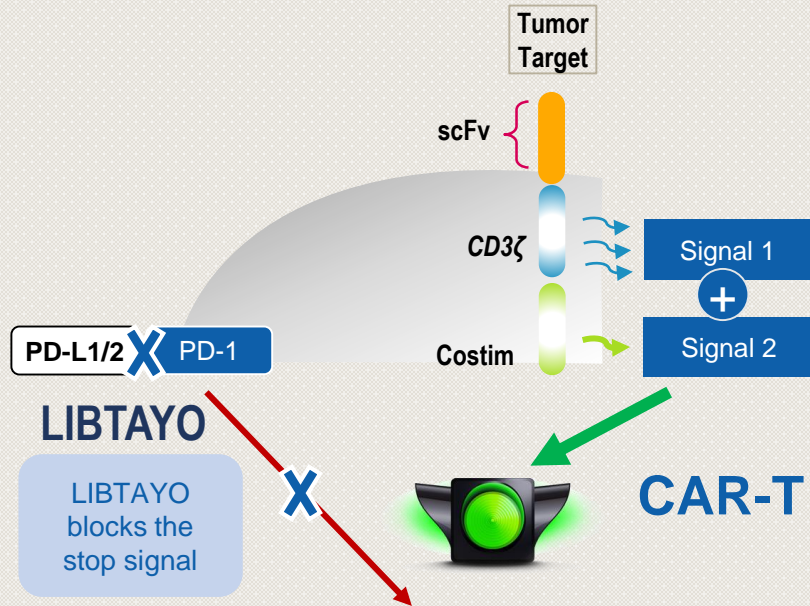


Bispecific/Costimulatory Mechanism

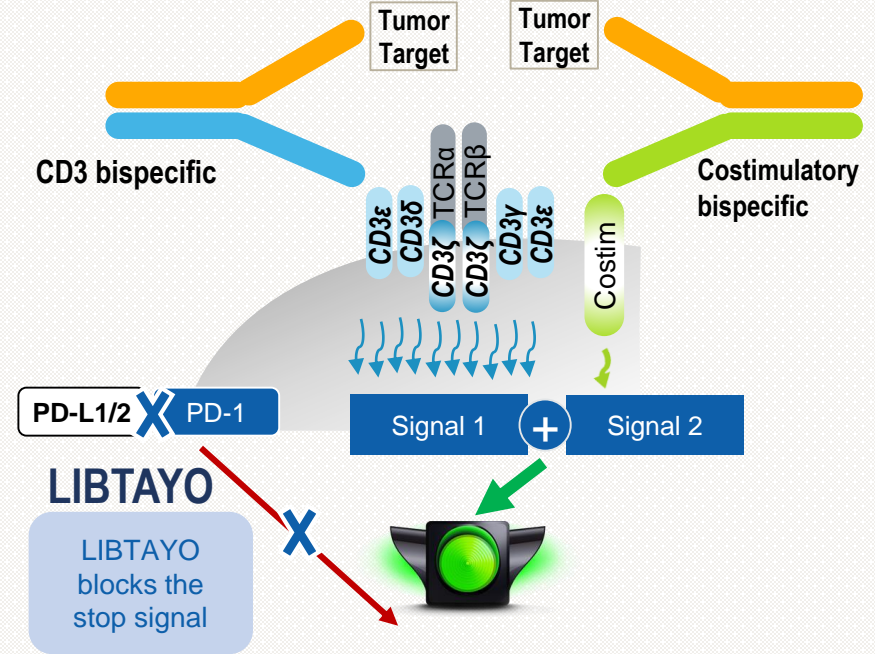


REGENERON'S CD3 & COSTIMULATORY BISPECIFICS ARE OFF-THE-SHELF DRUGS WITH POTENTIAL TO TURN PATIENTS' T CELLS INTO CAR-T-LIKE CANCER KILLERS

CAR-T Mechanism



Bispecific/Costimulatory Mechanism

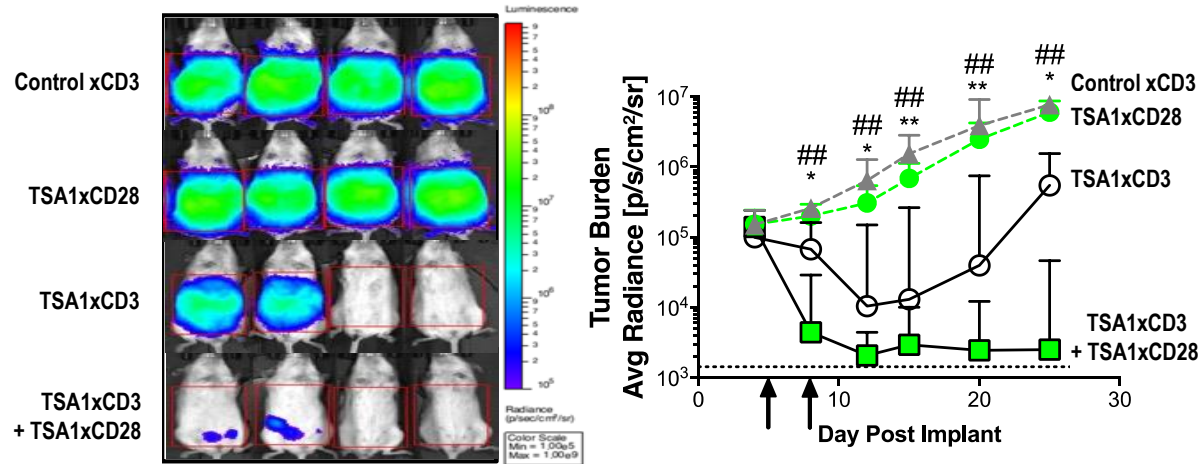


Using LIBTAYO to block PD-1 signaling can further enhance the efficacy of CD3 and costimulatory bispecifics

ADDING COSTIMULATORY BISPECIFICS TO CD3 BISPECIFICS OR TO ANTI-PD-1 SHOWS SYNERGY IN PRECLINICAL TUMOR MODELS

TSA1xCD3 + TSA1xCD28

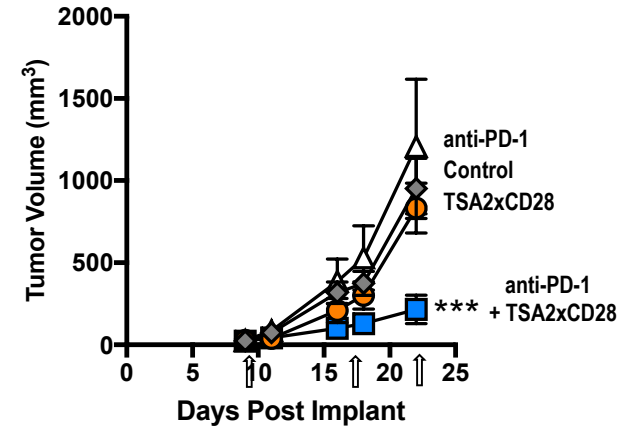
in vivo xenogeneic humanized TSA1 mouse model



TSA = Tumor Specific Antigen

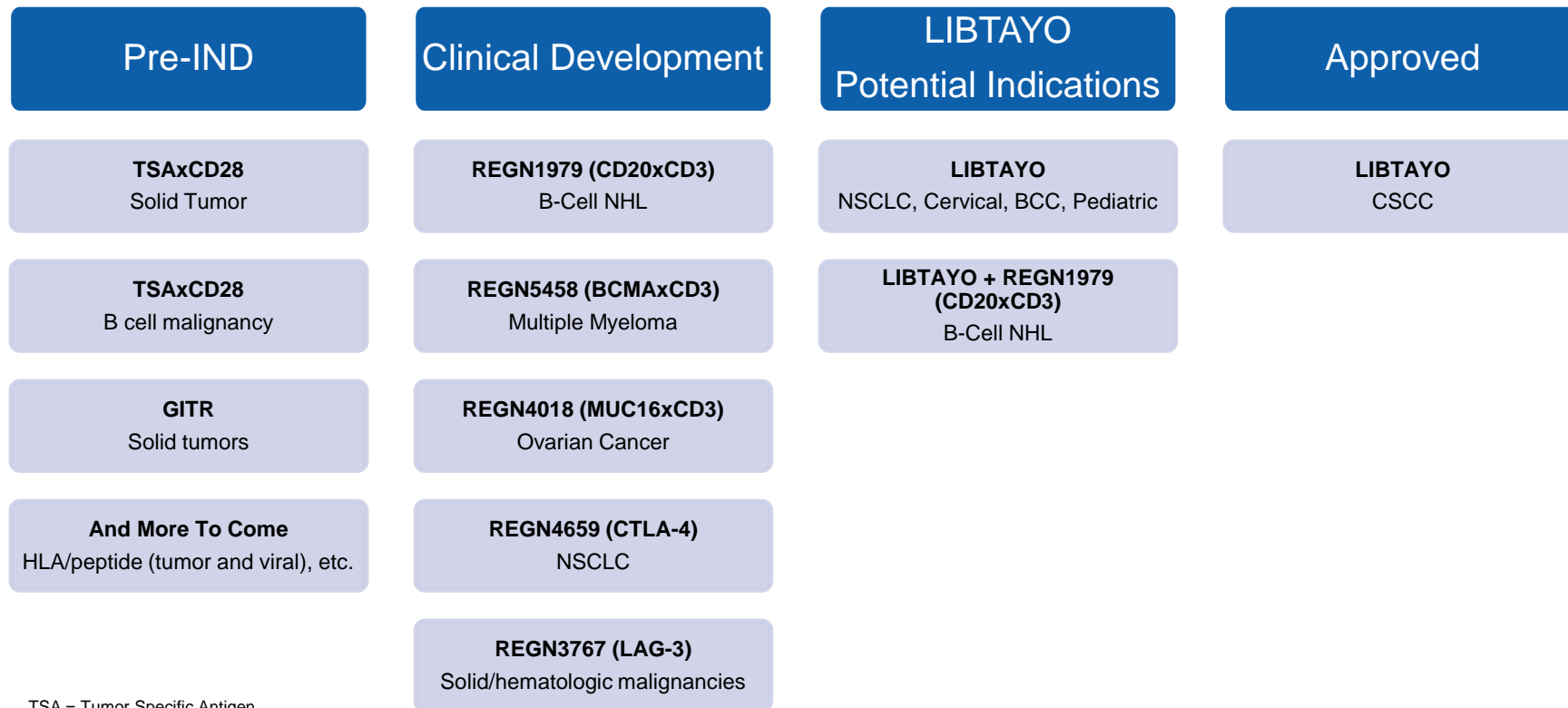
anti-PD-1 + TSA2xCD28

in vivo syngeneic humanized TSA2 mouse model



- Unlike superagonist CD28 mAbs, our CD28 bispecifics have no toxicity, and little or no activity on their own, but when clustered on cells expressing their target, activate signal 2 and synergize with signal 1 (via CD3 bispecific) and/or anti-PD-1
- In 2019, Regeneron plans to advance two distinct CD28 bispecific antibodies into clinical development

BROADENING OUR IMMUNO-ONCOLOGY PIPELINE



TSA = Tumor Specific Antigen

MANY COMPANIES CAN DO ONE THING...

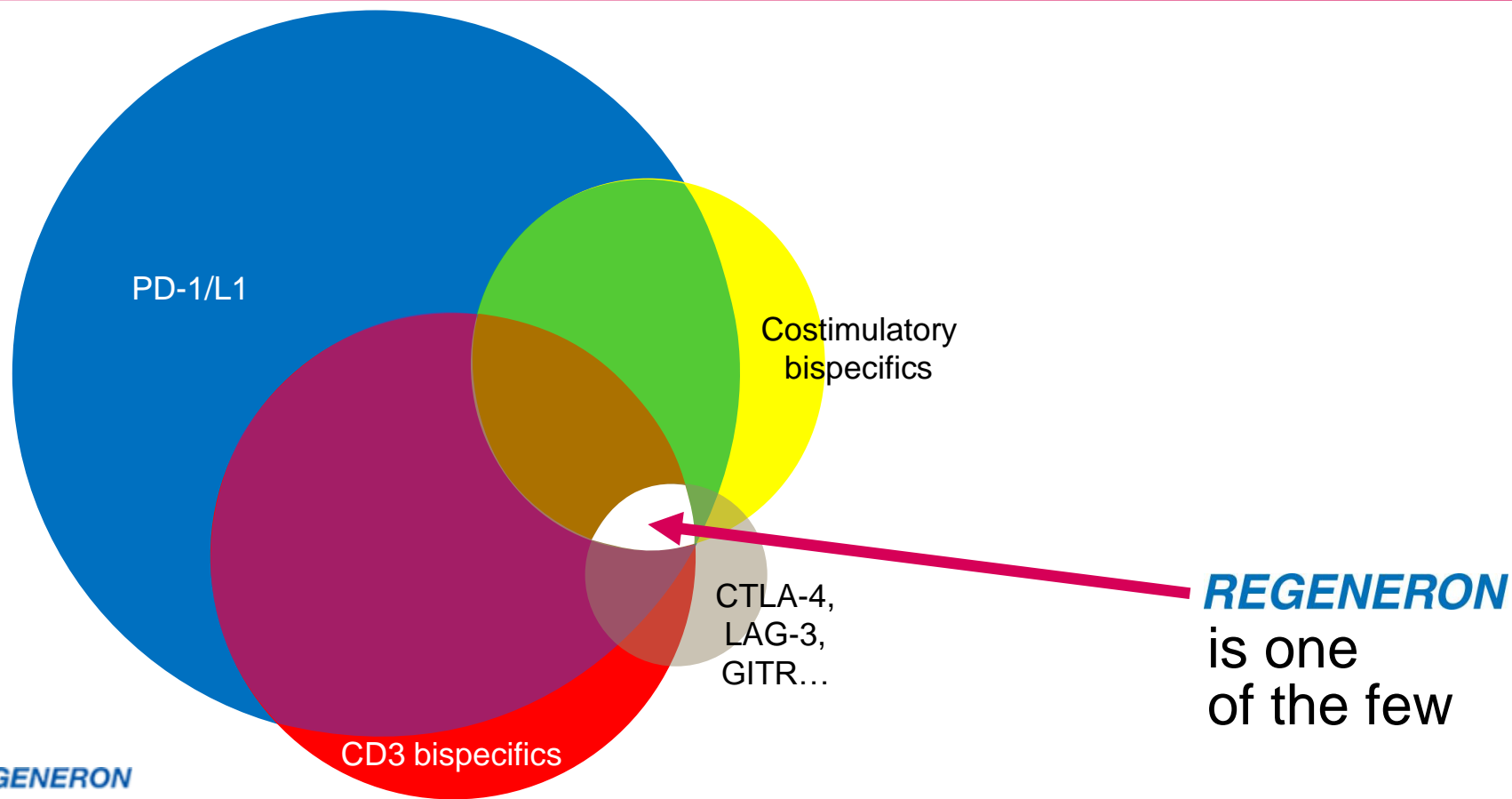
CD3 bispecifics

PD-1/L1

CTLA-4,
LAG-3,
GITR...

Costimulatory
bispecifics

...FEW CAN DO MANY THINGS



FASINUMAB: HIGH RISK/HIGH REWARD



OSTEOARTHRITIS IS A COMMON CONDITION ASSOCIATED WITH WEAR AND TEAR ON THE JOINTS, AND IS THE MOST COMMON INDICATION FOR KNEE AND HIP REPLACEMENT

Pain is a protective mechanism

NGF blockade treats pain, but not osteoarthritis itself

In clinical trials we observed a dose-dependent increase in rapidly progressive osteoarthritis (RPOA) and total joint replacement (TJR); we therefore limited development to lower dose regimens

We announced in August 2018 positive topline results showing a clinically meaningful reduction in pain and increased function in patients with chronic pain from osteoarthritis of the knee or hip

Fasinumab* is a human monoclonal antibody that treats osteoarthritis pain by blocking nerve growth factor (NGF)

Based on our analysis of the data, we believe we have identified a minimally effective dose and are encouraged that under close and careful scrutiny, the independent data monitoring committee overseeing patient safety has supported continued development

PORTFOLIO & PIPELINE



PHASE 1

- REGN4461 (LEPR)
- Pozelimab (C5)
- Trevogrumab (GDF8) + Garetosmab (Activin-A)
- Cemiplimab* (PD-1)
- REGN4659 (CTLA-4)
- REGN3767 (LAG-3)
- REGN1979 (CD20xCD3 bispecific)
- REGN5458* (BCMAxCD3 bispecific)
- REGN4018* (MUC16xCD3 bispecific)
- REGN1908-1909 (Feld1)
- REGN5069 (GFRα3)
- REGN3048-3051 (MERS virus)
- REGN-EB3 (Ebola virus)

PHASE 2

- Garetosmab (Activin-A)
- Evinacumab (ANGPTL3)
- Cemiplimab* (PD-1)
- REGN3500* (IL-33)
- Dupilumab* (IL-4R)
- Sarilumab* (IL-6R)

PHASE 3

- Evinacumab (ANGPTL3)
- Alirocumab* (PCSK9)
- Cemiplimab* (PD-1)
- Dupilumab* (IL-4R)
- Sarilumab* (IL-6R)
- Fasinumab† (NGF)
- Aflibercept (VEGF Trap)

IMMUNOLOGY & INFLAMMATORY DISEASES

CARDIOVASCULAR/ METABOLIC DISEASES

ONCOLOGY

INFECTIOUS DISEASES

OPHTHALMOLOGY

PAIN

RARE DISEASES

2019 GOALS AND MILESTONES

KEY REGULATORY APPROVALS & SUBMISSIONS

EYLEA FDA decision on sBLA for the treatment of Diabetic Retinopathy (PDUFA date May 13, 2019); re-submission of Prior-Approval Supplement (PAS) for pre-filled syringe
DUPIXENT FDA decision on sBLA for expanded Atopic Dermatitis indication in adolescent patients 12–17 years of age (PDUFA date March 11, 2019); EMA decision on regulatory application for Asthma; file sBLA for Chronic Rhinosinusitis with Nasal Polyps (CRSwNP)
LIBTAYO EMA decision for advanced cutaneous squamous cell carcinoma (CSCC)
PRALUENT FDA (PDUFA date April 28, 2019) and EMA decisions on applications for Cardiovascular Risk Reduction; FDA decision on sBLA for first-line treatment of Hyperlipidemia (PDUFA date April 29, 2019)

CLINICAL PROGRESS

EYLEA Initiate a study of higher dose formulations of aflibercept
DUPIXENT Continue enrollment in pivotal eosinophilic esophagitis (EoE) study; initiate Ph2/3 program in Chronic Obstructive Pulmonary Disease (COPD)
LIBTAYO Continue enrollment in NSCLC and various other studies
REGN1979 (CD20xCD3) Initiate potentially pivotal Ph2 study in Follicular Lymphoma (FL) and potentially pivotal Ph2 study in Diffuse Large B-Cell Lymphoma (DLBCL)
Fasinumab (NGF) Continue patient enrollment in Ph3 long-term safety study and Ph3 efficacy studies in Osteoarthritis
Pozelimab (C5) Initiate Ph2 in Paroxysmal Nocturnal Hemoglobinuria (PNH)

KEY DATA READOUTS

DUPIXENT Report results from Ph3 study for Atopic Dermatitis in pediatric patients 6–11 years of age
REGN3500 (IL-33) Report results from Ph2 Asthma study
Trevogrumab (GDF8) + Garetosmab (Activin-A) Report results from multi-dose portion of Ph1 study

NEW INDs

Expect to advance 4-6 new molecules into clinical development (including more CD3 & CD28 bispecifics)

2019 FINANCIAL GUIDANCE*



| | |
|---|----------------------|
| GAAP Sanofi Collaboration Revenue: Reimbursement of Regeneron Commercialization-Related Expenses | \$510 – 560MM |
|---|----------------------|

| | |
|----------------------------------|---------------------------|
| GAAP unreimbursed R&D | \$1.855 – \$2.000B |
|----------------------------------|---------------------------|

| | |
|---------------------------------------|---------------------------|
| Non-GAAP unreimbursed R&D† | \$1.590 – \$1.710B |
|---------------------------------------|---------------------------|

| | |
|----------------------|---------------------------|
| GAAP SG&A | \$1.700 – \$1.830B |
|----------------------|---------------------------|

| | |
|---------------------------|---------------------------|
| Non-GAAP SG&A† | \$1.500 – \$1.600B |
|---------------------------|---------------------------|

| | |
|--------------------------------|-----------------|
| GAAP Effective Tax Rate | 14 – 16% |
|--------------------------------|-----------------|

| | |
|----------------------------------|----------------------|
| GAAP Capital Expenditures | \$410 – 490MM |
|----------------------------------|----------------------|

* As of February 6, 2019. The guidance does not assume the completion of any significant business development transaction that had not been completed as of the date of the guidance. Regeneron does not undertake any obligation to update publicly any financial projection or guidance, whether as a result of new information, future events, or otherwise

† Please refer to slide 2 for important information regarding non-GAAP financial measures and to slide 26 for a reconciliation of these measures to GAAP financial measures

RECONCILIATION OF FULL YEAR 2019 NON-GAAP TO GAAP FINANCIAL GUIDANCE



| <i>(in millions)</i> | Projected Range | |
|--|-----------------|----------|
| | Low | High |
| GAAP unreimbursed R&D* | \$ 1,855 | \$ 2,000 |
| R&D: Non-cash share-based compensation expense | (265) | (290) |
| Non-GAAP unreimbursed R&D | \$ 1,590 | \$ 1,710 |
| GAAP SG&A | \$ 1,700 | \$ 1,830 |
| SG&A: Non-cash share-based compensation expense | (200) | (230) |
| Non-GAAP SG&A | \$ 1,500 | \$ 1,600 |

* Unreimbursed R&D represents R&D expenses reduced by R&D expense reimbursements from the Company's collaborators and/or customers