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**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): **October 16, 2019**

**CHANTICLEER HOLDINGS, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction  
of incorporation)

**001-35570**

(Commission  
File Number)

**20-2932652**

(IRS Employer  
Identification No.)

**7621 Little Avenue, Suite 414  
Charlotte, North Carolina 28226**  
(Address of principal executive offices)

Registrant's telephone number, including area code: **(704) 366-5122**

N/A

(Former name or former address, if changed since last report.)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.0001 Par Value	BURG	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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**Item 7.01 Regulation FD Disclosure.**

On October 16, 2019, representatives of Sonnet BioTherapeutics, Inc., a New Jersey corporation (“Sonnet”) began making presentations to investors using slides containing the information attached to this Current Report on Form 8-K as Exhibit 99.1 (the “Investor Presentation”) and incorporated herein by reference. Sonnet expects to use the Investor Presentation, in whole or in part, in connection with presentations to investors, analysts and others during the fiscal year ending December 31, 2019.

The information presented in Item 7.01 of this Current Report on Form 8-K and Exhibit 99.1 is being furnished and shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that section, and shall not be deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by a specific reference in such filing.

**Item 9.01 Financial Statements and Exhibits.****(d) Exhibits**

99.1 [Sonnet BioTherapeutics, Inc. Investor Presentation dated October 16, 2019.](#)

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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 duly authorized.

Chanticleer Holdings, Inc.,  
a Delaware corporation  
(Registrant)

Date: October 16, 2019

By: /s/ Michael D. Pruitt  
Name: Michael D. Pruitt  
Title: Chief Executive Officer

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## Forward Looking Statements

This presentation contains forward-looking statements about Sonnet BioTherapeutics based on management's current expectations which are subject to known and unknown uncertainties and risks. Words such as "anticipated," "initiate," "expect," "intend," "plan," "believe," "seek," "estimate," "may," and variations of these words or similar expressions are intended to identify forward-looking statements. Our actual results could differ materially from those discussed due to a number of factors, including, but not limited to, our ability to raise additional equity and debt financing on favorable terms, the success of our R&D programs, our ability to obtain regulatory approval of our clinical assets and other risk factors.

We are providing this information as of the date of this presentation and do not undertake any obligation to update any forward-looking statements contained in this presentation as a result of new information, future events or otherwise. Unless the context requires otherwise, references to "Sonnet," "Company," "we," "us" and "our" refer to Sonnet BioTherapeutics.

## Corporate Background

- Incorporated in New Jersey
  - Headquarters: Princeton, New Jersey
  - Other Locations: New York City, Geneva
- Employees, Consultants and Contracted Scientists/Experts: Approximately 30 people
- Internal Pipeline Focus: Oncology
  - Proprietary technology platform
  - Existing licensing/partnership interest from large multinational pharmaceutical companies
  - External business development opportunities also exist outside oncology
- Recent acquisition of clinical-stage asset, SON-080, for \$33 million
  - Clinical efficacy studies in Chemotherapy-Induced Peripheral Neuropathy (CIPN) to commence during 2020
- Capital invested into Sonnet since inception: Approximately \$30 million

## Corporate Highlights

Sonnet is a clinical stage biopharmaceutical company with a proprietary, modular biologic drug development platform

**We have a deep knowledge** of cytokine biology, complemented by extensive drug discovery and development expertise

**Our corporate strategy** comprises an internal therapeutic pipeline of oncology candidates, with external business development initiatives underway across oncology, autoimmune and inflammatory diseases

**Lead drug**, SON-080, is a low dose, recombinant formulation of human IL-6 scheduled to enter pilot efficacy studies in patients with chemotherapy induced peripheral neuropathy (CIPN) during 2020

**Our Fully Human Albumin Binding (F<sub>H</sub>AB) platform** has identified multiple candidates for development. Key attributes of the technology include:

- Compatibility with many biologic drug classes, including interleukins, growth factors, peptides and vaccines
- Extended pK
- Targeted delivery
- Increased *in vivo* efficacy
- Single- or bi-specific mechanism of action

**Our three-pronged business approach** is focused on:

- **Asset - Licensing**
  - Pipeline partnering
  - Non-dilutive funding
  - Funding to develop other assets
- **Platform - M&A**
  - 4-5 assets in clinic
  - 4-5 preclinical assets
  - Expand platform beyond oncology
- **Proprietary Pipeline Development**



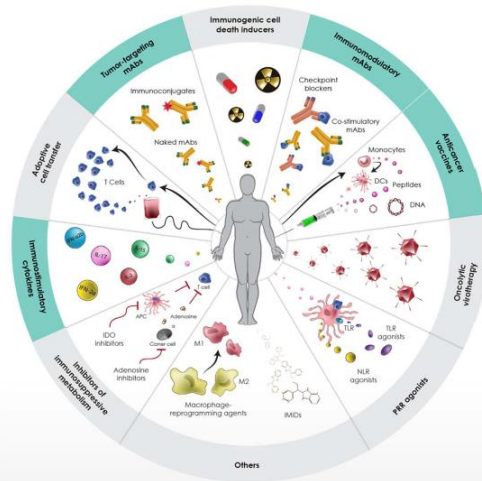
## Strategic Investment Partner Secured

Global Emerging Markets (GEM) is a multibillion dollar investment group with an established interest in Sonnet's success

- In August 2019, through a share exchange agreement with Relief Therapeutics Holding SA (SIX: RLF), Sonnet acquired the rights to develop low-dose Interleukin-6 (IL-6, SON-080)
  - This transaction valued Sonnet at \$200 million and valued the Relief asset at \$33 million
    - Relief currently owns 13.75% of Sonnet's common shares
- GEM is the largest shareholder of Relief with approximately 30% ownership
- GEM is providing Sonnet access to up to \$100 million through a common stock purchase facility, available to Sonnet at timing intervals and in amounts, as dictated by Sonnet, when listed
  - Interests are substantially aligned to support Sonnet's pipeline
  - No fees or warrants
- The funding agreement is designed to provide a long-term backstop and financing stability for Sonnet's operations

# The Sonnet Platform

Asset generation capabilities across major biologic drug classes



# Pipeline Overview

First wave pipeline will target IL-6, IL-12, IL-15, IL-18, GMCSF and TGFβ

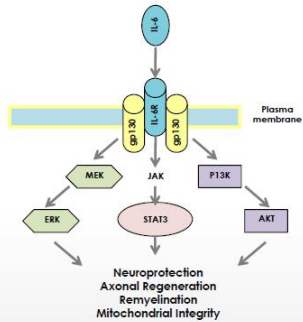
	Program	Indications	Discovery	Pre-Clinical	Phase I	Next Milestone:
F <sub>1</sub> AB Platform	SON-080 (low dose IL-6)	Chemotherapy Induced Peripheral Neuropathy*				Pilot Efficacy Study Initiation
	SON-1010 (IL12-F <sub>1</sub> AB)	Undisclosed Solid Tumor				GLP Tox
	SON-1210 (IL15-F <sub>1</sub> AB-IL12)	Undisclosed Solid Tumor				Non-GLP Tox
	SON-2014 (GMCSF-F <sub>1</sub> AB-IL18)	Early Stage Cancer				Preclinical Efficacy
	SON-3015 (Anti-IL6-F <sub>1</sub> AB-Anti-TGFβ)	Tumor and Bone Metastases				Preclinical Efficacy

\*Potential to expand development into diabetic neuropathy

## IL-6: A Disease Modifier of CIPN

CIPN is a degeneration of nerve fibers resulting from chemotherapy

In peripheral neurons, IL-6 triggers a series of pathways for the maintenance of mitochondrial function and axonal regeneration.



### CIPN Patient Population<sup>1</sup>

- >50% of cancer patients receiving chemotherapy develop CIPN
- CIPN peak prevalence as high as 70%
- New cases under chemotherapy in the US ~ 10 million
- US cancer survivor population ~ 17 million
- CIPN represents a significant commercial opportunity

### Symptoms Include:

- Spontaneous Pain Sensation – itching, burning, tingling
- Motor Weakness – grasping, walking, balance impairment
- Loss of sensory perception at the extremities – numbness
- Autonomous nervous system impairment – bladder, stomach, cardio vascular

### Current Standard of Care

- Pain relievers, including Cymbalta, opioids
- Limited efficacy, high side effect burden
- No disease modifying treatments currently exist

## SON-080: Clinical History

Low dose recombinant human IL-6 is safe in cancer patients

### In Phase I studies comprising 214 total cancer patients:

- SC delivery of IL-6 doses dependently increases plasmatic IL-6, with plasmatic  $t_{1/2}$  ~ 4 hours
- In none of the trials was exacerbation of tumour burden observed
- In several patients, IL-6 treatment induced partial cancer remission or disease stabilization
- Adverse events mostly observed following intravenous, not subcutaneous administration
- Human MTD at  $3\mu\text{g}/\text{kg}/\text{day}$  or  $10\mu\text{g}/\text{kg}/3\text{x Weekly}$  (TIW)

### In cancer patients, low-dose IL-6 was very well tolerated

Dose	Administration	Side Effects	SAE	Comment
$<1\mu\text{g}/\text{kg}/\text{Daily}$	Subcutaneous injection	Fever, chills, anemia	Headache	
$<1\mu\text{g}/\text{kg}/3\text{x Weekly}$	Subcutaneous injection	Low level fever, chills, anemia (none requiring treatment)	None	Selected dose for CIPN

Target dose for neuropathies of  $0.2\mu\text{g}/\text{kg}/\text{EOD}$  gives a large safety margin of 50x

## The Sonnet Technology Advantage

Sonnet's Fully Human Albumin Binding ( $F_{HAB}$ ) technology utilizes a single chain antibody fragment (scFv) capable of delivering one or two active biologic compounds

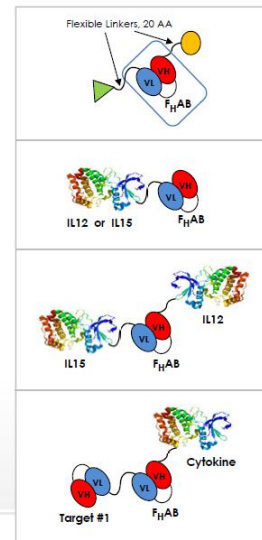
- Therapeutic payloads attached via flexible linker peptides

Following administration, Sonnet's  $F_{HAB}$ -derived candidates **bind to and "hitch-hike" on endogenous human serum albumin (HSA)** for transport to target tissues

- $F_{HAB}$  has been designed to bind, unbind and rebind to albumin in an on-and-off fashion, obviating the need for chemical conjugation

Sonnet's  $F_{HAB}$  is the foundation of **a modular, plug-and-play drug development platform** with several distinct advantages:

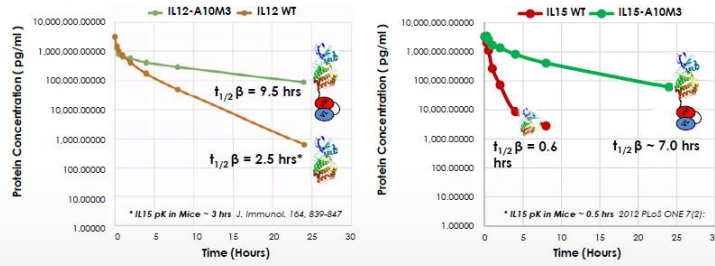
- Fully human construct produced in mammalian cell culture (CHO)
- Targeted, directed activity for tumor selectivity
- Extended pK
- Single- or bi-specific mechanism of action
- Increased *in vivo* efficacy observed
- Technology can be paired with many biologic drug classes, including cytokines, antibodies, peptides and vaccines, across multiple disease areas



## pK t<sub>1/2</sub> of F<sub>H</sub>AB Constructs IL-12 and IL-15

The aim of this study was to demonstrate in mice, the pharmacokinetic (pK) behavior of naked IL-12 and IL-15 compared to the same fusion proteins linked to Sonnet's F<sub>H</sub>AB domain

**Method:** 8 mice C57B/ TP, Age 9.5 weeks dose IV, sacrificed @ 5, 15, 30 mins, 1, 2, 4, 8, 24 & 48 hrs. Serum tested by ELISA



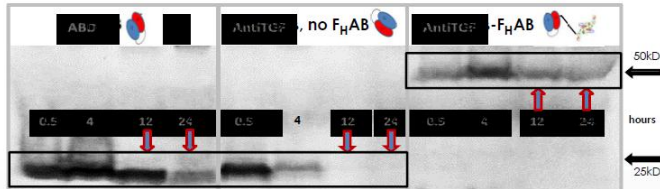
Fusion to F<sub>H</sub>AB increased the plasma half-life of IL-12 > 4x and IL-15 >10X

IL-12 MW = 70kd vs IL-15 MW=13kd

# Evaluating anti-TGFβ and anti-TGFβ-F<sub>H</sub>AB Tumor Accumulation

## An *in vivo* Demonstration of F<sub>H</sub>AB Proof-of-Concept

Western blot analysis of Mouse 4T1 (TGFβ-positive) tumor (~150mm<sup>3</sup>) extracts from mice terminated at 0.5, 4, 12 and 24-hours post IV injection with 100 ug/mouse of F<sub>H</sub>AB, anti-TGFβ (4D9M) and anti-TGFβ (4D9M)-F<sub>H</sub>AB.



Results show an accumulation and retention of F<sub>H</sub>AB in the tumor

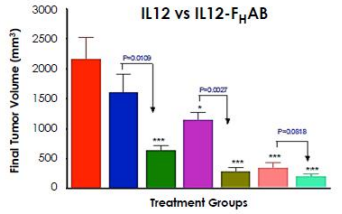
- F<sub>H</sub>AB - Present at 0.5 hours, peaks at 4 hours and detectable through 24 hours.
- Anti-TGFβ - Present at 0.5 hours then declines at 4 hours and undetectable at 12 and 24 hours.
- Anti-TGFβ-F<sub>H</sub>AB - Present at 0.5 hours, and detectable through 24 hours.
- F<sub>H</sub>AB accumulates in the tumors 24 hrs+ and without F<sub>H</sub>AB, the scFv enters the tumor but diffuses out after 4 hrs.

Data supports F<sub>H</sub>AB POC for the platform's ability to enhance penetration, accumulation and retention within the tumor.



# IL12-F<sub>H</sub>AB vs IL-12

Comparison of Tumor Volumes Between Groups on Day 10 Post Treatment (Day 0 @ 100 mm<sup>3</sup>)

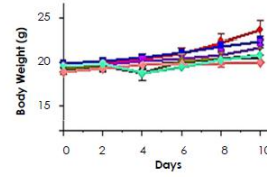


All asterisks are compared to Vehicle group with one-way ANOVA analysis  
 \* <0.05 \*\* <0.01 \*\*\* <0.001

## Single Dose

■	G1: Vehicle	
* ■	G2: IL-12	3µg
* ■	G3: IL12-F <sub>H</sub> AB	
* ■	G4: IL-12	10µg
* ■	G5: IL12-F <sub>H</sub> AB	
* ■	G6: IL-12	20µg
* ■	G7: IL12-F <sub>H</sub> AB	

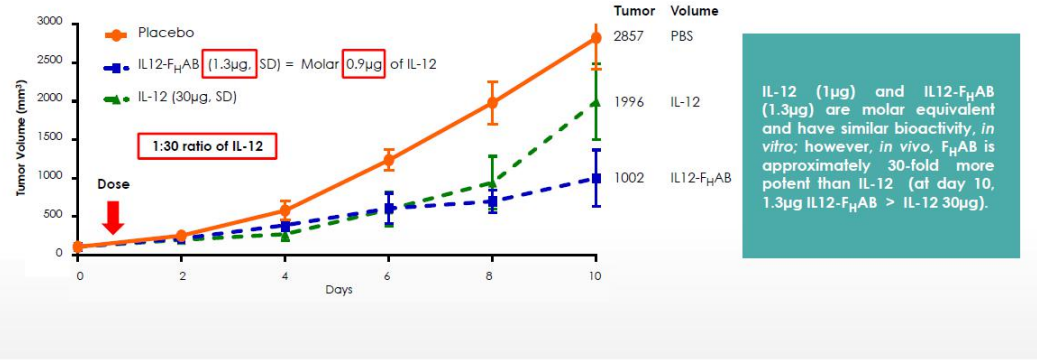
\* Equal molar IL12 concentration



Analysis of tumor volumes shows dose dependent decreases in tumors in both IL12- and IL12-F<sub>H</sub>AB-treated mice, as compared to vehicle control. IL12-F<sub>H</sub>AB-treated mice showed large, statistically significant, decreases in tumor volumes when analyzed against equimolar-dosed, IL12-treated mice. Results show IL-12 anti-tumor activity is markedly enhanced with the extension of t ½ by F<sub>H</sub>AB.

## IL12-F<sub>H</sub>AB vs IL-12

Evaluation of Single Dose (SD) IL12-F<sub>H</sub>AB (1.3µg) vs IL-12 (30µg) in B16F10 Melanoma (established @ 100 mm<sup>3</sup>, n=8)



## IL15-F<sub>H</sub>AB-IL12

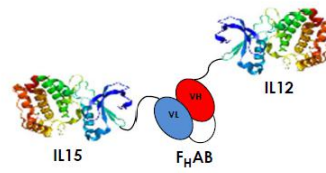
Efficacy in Melanoma Mouse Model

### Enhanced Reciprocal Biologic Activity:

IL-12: ↑ IL-15 alpha receptor, IFN, NK/T cells, TH1 and ↓ TReg

IL-15: ↑ IL-12 beta 1 receptor, ↑NK cells, CD8 memory and ↓apoptosis

*IL-12 activates T cells and increases CD8 number, hence Sonnet's IL15-F<sub>H</sub>AB-IL12 should be more effective than IL-15 alone.*



### Summary:

- *In vivo*, IL15-F<sub>H</sub>AB-IL12 > IL12-F<sub>H</sub>AB-IL15 > IL-12 + IL-15 efficacious in reducing tumor growth
- First-of-its-kind bi-specific interleukin F<sub>H</sub>AB construct shows significant synergy with two interleukins

## IL15-F<sub>H</sub>AB-IL12 vs IL12-F<sub>H</sub>AB

Single I.V. Dose @ 100 mm<sup>3</sup> SC B16F10

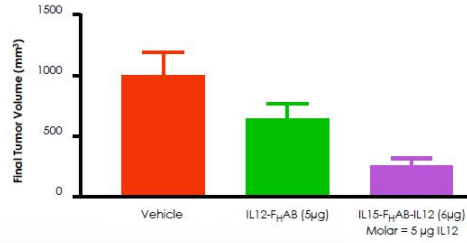
Day 10 Tumor Volume (n=8)

### Sonnet Bi-Specific Construct IL15-F<sub>H</sub>AB-IL12

#### Synergistic Biologic Activity:

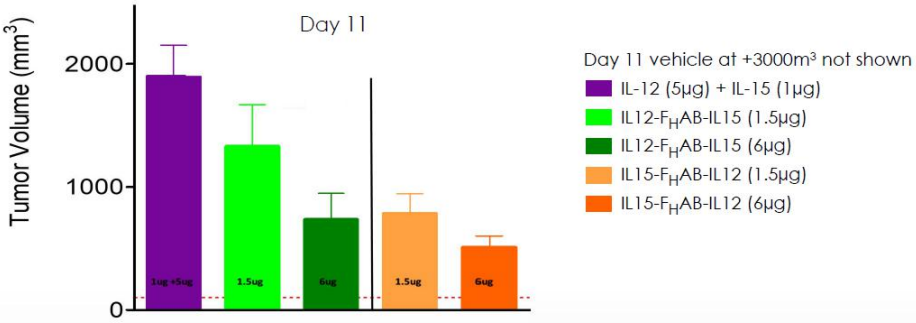
**IL-12:** ↑ IL-15 alpha receptor, IFN, NK/T cells, TH1 and ↓ T reg

**IL-15:** ↑ IL-12 beta 1 receptor, NK cells & ↓ CD8 memory loss



IL15-F<sub>H</sub>AB-IL12 produced a greater reduction in tumor volume than the molar equivalent dose of IL12-F<sub>H</sub>AB

# IL15-F<sub>H</sub>AB-IL12 vs Concomitant IL-12 and IL-15



IL15-F<sub>H</sub>AB-IL12 shows better reduction than IL12-F<sub>H</sub>AB-IL15 or free, concomitantly dosed IL-12 and IL-15

## Business Strategy

A Three-Pronged Approach

### Asset - Licensing

- Pipeline partnering
- Non-dilutive funding
- Funding to develop other assets

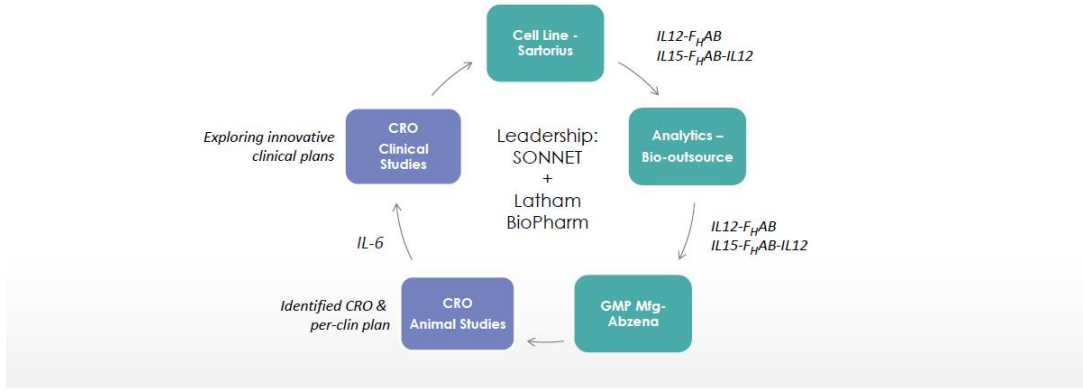
### Platform - M&A

- 4-5 assets in clinic
- 4-5 preclinical assets
- Expand technology beyond oncology

### Proprietary Pipeline Development

# Execution Efficiency

Integrating a Best-in-Class Platform with a World-Class Development Strategy



## Comparable Companies

### Select Oncology IPOs, '18/'19

Company Name	Ticker Symbol	IPO Date	Therapeutic Modality	Lead Asset Stage at IPO	Pre-Money Mkt Cap (\$M)*	Current Stage of Most Advanced Asset	Current Mkt Cap (\$M)**
Aprea Therapeutics	APRE	10/3/2019	Targeted small molecules	P1/2	213	P1/2	401
IGM Biosciences	IGMS	9/18/2019	Biologics	Preclinical	267	Preclinical	579
Atreca	BCEL	6/20/2019	Biologics	Preclinical	230	Preclinical	300
Bicycle Therapeutics	BCYC	5/23/2019	Biologics	P1/2	192	P1/2	171
IDEAYA Biosciences	IDYA	5/22/2019	Targeted small molecules	P1	145	P1	131
NextCure, Inc	NXTC	5/8/2019	Biologics	P1/2	243	P1/2	616
Turning Point Therapeutics	TPX	4/17/2019	Targeted small molecules	P1	367	P1	1301
TCR2 Therapeutics	TCRR	2/13/2019	Biologics	P1	273	P1	361
Harpoon Biosciences	HARP	2/7/2019	Biologics	P1	259	P1	324
Gritstone Oncology	GRTS	9/27/2018	Biologics	Preclinical	330	P1	307
Arvinas, Inc	ARVN	9/26/2018	Targeted small molecules	Preclinical	409	P3	564
Sutro Biopharma	SIRO	9/26/2018	Biologics	P1	257	P1	216
Neon Therapeutics	NTGN	6/29/2018	Biologics	P1	351	P1	60
Autolus Therapeutics	AUTL	6/21/2018	Biologics	P1	509	P1/2	546
Surface Oncology	SURF	4/19/2018	Biologics	P1	306	P1	37
Unum Therapeutics	UMRX	4/3/2018	Biologics	P1	286	P1	48
Arcus Biosciences	RCUS	3/14/2018	Biologics & Targeted small molecules	P1	503	P1	369
				Avg	304		

### Publicly Traded Companies with Comparable Technology Platforms

Company Name	Ticker Symbol	IPO Date	Focus/Technology	Lead Asset Stage at IPO	Pre-Money Mkt Cap (\$M)*	Current Stage of Most Advanced Asset	Current Market Cap (\$M)
Zymeworks	ZYME	n/a	Biologics - Multiple disease areas	n/a	n/a	P2	1,100**
Aplynx <sup>†</sup>	n/a	n/a	Biologics - Multiple disease areas	n/a	n/a	Registration <sup>‡</sup>	4,800*

\*Incl. exercised over-allotment shares; Pre-Money Mkt Cap = (Comm Sh Out Post Offer - Comm Sh Offered) x Price Per Sh

\*\*approximate value as of market close, 10/15/19

†company was acquired by Sanofi in June 2018 for \$4.8B

‡at the time of the acquisition by Sanofi, Aplynx's most advanced product was under review for commercial licensure by the FDA and EMA

Sources: Company websites, Market data, SEC Filings



## Leadership

Accomplished management team with deep experience in biotechnology



**Pankaj Mohan, PhD**

Founder, CEO & Chairman

Biotechnology entrepreneur with start-up, academic, large biopharma and government experience.

Founded Oncobiologics in 2011 and led it to a successful IPO in 2016 (Nasdaq: ONS).

More than 20 years in key technical and business roles at Genentech, Eli Lilly and Bristol-Myers Squibb.

Served as an Assistant Professor at University College London, and author of an industry reference book on bioprocess operations (McGraw-Hill).



**Jay Cross**

Chief Financial Officer & Chief Business Officer

Over 19 years successfully advising, financing and investing in the biotechnology sector.

Former Managing Director, Healthcare Investment Banking, Chardan, and Senior Analyst and Portfolio Manager at Balyasny Asset Management, Citadel and SAC Capital. Previously on the healthcare equity research teams at Goldman Sachs and Hambrecht & Quist.



**John Cini, PhD**

Chief Scientific Officer /Co-Founder

Former Vice President of Discovery and Development Sciences at Oncobiologics.

Successfully advanced more than 30 novel monoclonal antibody products from discovery to IND.

Several novel products and formulation patents and applications related to wound healing & cancer therapy.

Medarex - Executive Director from 1999-2009 (acquired by BMS); Principal Scientist at Johnson & Johnson and Bayer Pharmaceuticals.



**Terence Rugg, MD**

Chief Medical Officer

Internationally respected oncologist with nearly 30 years experience in the development of oncology drugs. Involved in the development of over 30 therapeutic compounds, including at least 12 different classes of anti-cancer drugs.

Formerly Vice President, BioOncology Medical Affairs at Genentech, Chief Medical Officer and VP-Development for SGX Pharmaceuticals; Vice President and Head of Oncology/Medical Affairs at Sanofi-Aventis and Head of Oncology for Aventis Global Medical Affairs.

Previous positions at Eli Lilly, Zeneca Pharmaceuticals, Ilex Oncology and British Biotech.



**Susan Dexter**

Chief Technical Officer

Over 25 years in biotechnology science, manufacturing and business development. Ms. Dexter has worked as a scientist doing cell culture and small scale manufacturing.

Management of biotechnology contract manufacturing services ranging from process development through commercial manufacturing, and strategic consulting-related services.

Roles include Managing Director, Latham Biopharm Group, Chief Business Officer at Xcellerex, Inc. VP of Business Development at The Dow Chemical Company, Assoc. Director of Business Development, Celltech and Lonza.

## Company Highlights

Sonnet is a compelling opportunity

### **A Dynamic Platform For Biopharmaceutical Development**

- Sonnet controls an enabling technology for innovating therapeutic products across multiple disease areas
- As a modular, plug-and-play construct capable of being linked to multiple different classes of biologic chemical entities, both for single- and bi-specific mechanisms, we believe F<sub>H</sub>AB is unparalleled in its potential

### **Large Commercial Targets**

- We are developing our proprietary pipeline of differentiated therapeutic candidates to address the high unmet needs of robust oncology markets
- Internal opportunities abound in oncology with substantial upside available through external licensings and partnerships

### **Financial Strength**

- Up to \$100 million of capital available from our strategic investor
- Long-term stability

