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): April 13, 2022

SELECTA BIOSCIENCES, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

001-37798 (Commission File Number)

26-1622110 (IRS Employer Identification No.)

65 Grove Street, Watertown, MA 02472 (Address of principal executive offices)(Zip Code)

(617) 923-1400

Registrant's telephone number, including area code

N/A

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

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)
G E 32

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 (Par Value \$0.0001)	SELB	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 0

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. 0

Item 7.01. Regulation FD Disclosure.

Selecta Biosciences, Inc. (the "Company") from time to time presents and/or distributes to the investment community at various industry and other conferences slide presentations to provide updates and summaries of its business. A copy of its current corporate slide presentation is attached to this Current Report on Form 8-K as Exhibit 99.1. The Company undertakes no obligation to update, supplement or amend the materials attached hereto as Exhibit 99.1.

The information in Item 7.01 of this Form 8-K, including Exhibit 99.1 attached hereto, shall not be deemed "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, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

The following exhibit relating to Item 7.01 shall be deemed to be furnished, and not filed.

Exhibit No.	Description	
<u>99.1</u>	Corporate slide presentation of Selecta Biosciences, Inc. dated April 2022	
104	Cover Page Interactive Data File (embedded within the Inline XBRL 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.

SELECTA BIOSCIENCES, INC.

Date: April 13, 2022 By:

/s/ Carsten Brunn, Ph.D.
Carsten Brunn, Ph.D.
President and Chief Executive Officer



Safe harbor / disclaimer

Any statements in this presentation about the future expectations, plans and prospects of Selecta Biosciences, Inc. (the "Company", including without limitation, statements regarding the Company's ability to complete the proposed offering on favorable terms or at all, the anticipated use of proceeds of the prosposed offering, the Company's cash runway, the unique proprietary technology platform of the Company's and the unique proprietary platform of its partners, the potential of immTOR to enable re-dosing of AMV gene therapy and to mitigate immunogenicity, the potential of all minTOR and the Company's product pipeline to treat chronic refractory gout, MMA [adA), other autriminate storage discrete, or any other disease, the anticipated timing or the outcome of ongoing and planned clinical trials, studies and data readouts, the anticipated timing or the outcome of the EDA's review of the Company's and attributed to the company's and the products using immTOR. The novel partners and entire company is and the clinical trials and preclinical studies, the timing or making of the potential treatment applications of product candidates utilizing the immTOR platform in areas such as gene therapy, gout and autoimmune disease, the ability of the Company and its partners where applicable to develop gene therapy products using immTOR. The novely of treatment paradigms that the Company is chosen the observations in non-human study subjects will trinsalte to studies performed with human beings, the potential of any therapies developed by the Company to fulfill unmer medical needs, the Company so plan to apply its immTOR technology platform to a range of biologics for rear and orphan genetic diseases, the potential of the Company is chronology to enable repeat administration in gene therapy counts candidates and products, the ability to grow its strategy partnerships, and other statements containing the words "anticipated" believe." Product candidates and products, the ability to grow its strategy partnerships, and other state

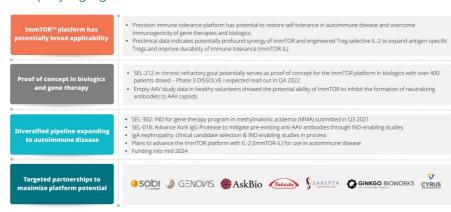


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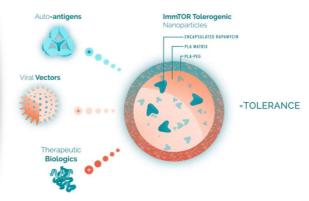
Company Highlights





A <u>precision immune tolerance</u> platform with potentially broad applicability

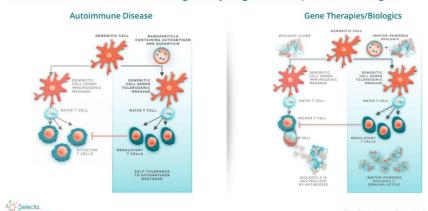
ImmTOR combines
nanoparticle technology
with an FDA approved
anti-inflammatory and
immunomodulatory drug,
and is designed to
generate antigen-specific
immune tolerance when
combined with an antigen
of interest





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ImmTOR could potentially be applied to restore self tolerance in autoimmune disease and overcome immunogenicity of gene therapies and biologics

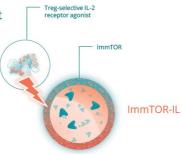


ImmTOR-IL: ImmTOR plus IL-2 receptor agonist

Evolution of the ImmTOR Platform

Synergistic mechanism of ImmTOR and a Treg-selective IL-2:

- Observed to greatly increase the magnitude and durability of <u>antigen-specific Treg</u> expansion when compared to either ImmTOR or IL-2 alone
- Proof of concept human data in which we observed ImmTOR alone and IL-2 alone lowers the translational risk and provides further confidence in the clinical utility of this potentially synergistic approach
- Potential to enable lower and fewer doses of ImmTOR, with applications across biologic therapies and autoimmune disease indications



	IL-2 mutein	ImmTOR	ImmTOR-IL
Induce Treg	×	~	~
Expand existing Tregs	~	×	~
Antigen-specific	×	~	~
	Expansion of all pre-existing Tregs	Induction of target antigen-specific Tregs	Induction and expansion of antigen- specific Tregs



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Aiming to restore self tolerance to auto antigens and power biologics



Tolerogenic Therapies

ImmTOR could provide targeted immune tolerance to auto antigens

Autoimmune disease affects more than



Gene Therapies

ImmTOR potentially enables redosing of transformative gene therapies



Biologic Therapies

ImmTOR is designed to address the immunogenicity of biologics

80% of rare disease has a known monogenic cause⁵ and most gene therapy trials use AAV vectors 24M people in the US alone⁶

Over 160,000 patients between IgAN and chronic refractory gout in the US alone^{1,2,3,4}



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I. https://www.orgha.neidsaa/spino/Proten/Gerger-Re-Pro10231.pdf
2. Anthriss & Rheumanings (ed 71, No. 6, June 2019 pp 99) 999
3. ARTHRITS & RHEUMARISM (vol. 63, No. 10, October 2011, pp 3136-3141)

A diversified and growing wholly-owned pipeline Indication Antigen Preclinical Phase 1 Phase 2 Phase 3 Recent and Expected Upcoming Milestones Commercial Rights TOLEROGENIC THERAPIES Primary billary cholangitis (PBC) Proce2 Undisclosed GENE THERAPIES Methylmalonic acidemia (MMA) AV berroppe undisclosed) SEL-302 Phase 1 start 2H 2022 Phase 3 Phase 3

Unlocking the potential of our platform through collaborations Selecta has entered strategic transactions to further optimize the potential of the ImmTOR platform

Collaboration	AskBio	() sobi	SAREPTA	CYRUS	Takeda		GINKGO BIOWORKS	O GINKGO BIOWORKS
Year	2019	2020	2020	2021	2021	2021	2021	2022
ImmTOR Approach	Gene Therapy	Biologic	Gene Therapy	Autoimmune	Gene Therapy	Gene Therapy	Biologic	Gene Therapy
Agreement	Strategic Collaboration and License Agreement	License Agreement (Global, ex. China)	Research Option and License Agreement (Global)	Collaboration to engineer proprietary IL-2 protein agonists	Strategic licensing agreement to develop targeted, next-generation gene therapies	Strategic licensing agreement to enable the dosing of gene therapies	Strategic licensing agreement to develop targeted, next-generation enzyme therapies	Strategic licensing agreement to develop next- generation AAV Capsids
Indications	Pompe/ Undisclosed	Chronic refractory gout	DMD and certain LGMD subtypes	Autoimmune and deleterious immune indications	Lysosomal storage disorders	AAV mediated gene therapies	Undisclosed	Undisclosed
Indication		Antigen	Preclinic	cal Phase 1	Phase 2	Phase 3 Recei	nt/Expected Upcoming Milestones	Commercial Rights
Chronic Refractory Gou	ut	Pegadricase	SEL-21	12		DISSOLV	E I topline data Q4 2022	() sobi
Pompe disease		Undisclosed						AskBio
Duchenne muscular dy	strophy (DMD)	Undisclosed						SAREPTA
Limb-girdle muscular c	lystrophy (LGMD)	Undisclosed						SAREPTA
Two indications for lust	osomal storage disorder	e Undisclosed						Takeda



Striving to restore self-tolerance in autoimmune diseases

ImmTOR + IL-2 has the potential to be a best-in-class approach



>> The current standard of care for autoimmune diseases is broad immunosuppression, which is associated with side effects and leaves patients vulnerable to serious infection and malignancies

There is a significant need for $\frac{1}{2}$ and $\frac{1}{2}$ a



>> Our approach to autoimmune disease is designed to restore natural self-tolerance by administering ImmTOR with nanoparticleencapsulated self-antigens thus avoiding the need for chronic and systemic immune suppression

By developing a proprietary Treg-selective IL-2 to combine with ImmTOR and autoantigens we are advancing our precision immune tolerance platform with the aim of expanding antigen-specific Tregs and enhancing durability of tolerance



>> There are roughly 80 autoimmune conditions that affect as much as 4.5% of the world's population*. 24M+ individuals in the US alone are affected by autoimmune diseases**



**Autoimmune Disease, by the Numbers* in Scientific American 325, 3, 31-33 (September 2021), doi:10.1038/scientificamerican0921-31
**https://www.niehs.nh.gov/health/lopics/condutions/autoimmune/index.cfm

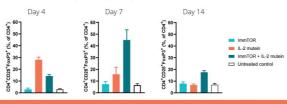
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Expanding the platform by amplifying the effect of ImmTOR with IL-2 $\,$

ImmTOR was observed to increase the level and durability of Treg expansion

- Observed synergistic activity in increasing the percentage and durability of Treg expansion in the spleen
 Opportunity to restore tolerance in a wide range of autoimmune diseases
 Potential to create a "best in class" IL-2 therapy by combining it with ImmTOR

Splenic regulatory T cells

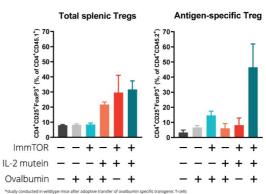


Induction and expansion of antigen-specific Treg

Observed a significant expansion of <u>antigen-specific Treg*</u> with a single dose of ImmTOR in combination with an IL-2 mutein + antigen

With superior expansion and durability of total Tregs, Selecta potentially has a best in class IL-2 therapy.

However, with an approximately 3fold increase in antigen-specific Tregs, this data shows the opportunity to enable a "first in class" therapy for autoimmune disorders



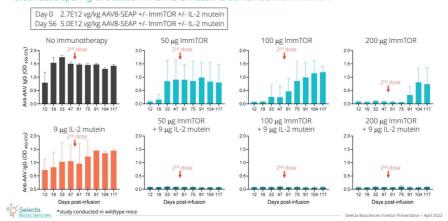


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Superior anti-AAV antibody inhibition observed when IL-2 is combined with $\ensuremath{\mathsf{ImmTOR}}$

Clear dose sparing effect seen when IL-2 mutein is combined with ImmTOR*

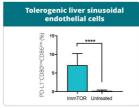


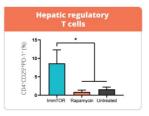
An ImmTOR-based approach to treating primary biliary cholangitis (PBC)

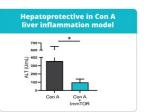
Selecta intends to co-administer ImmTOR with PDC-E2, the autoantigen implicated in PBC

- Autoimmune disorder where the body mistakenly attacks tissue in the liver, leading to inflammation, damage and scarring of the small bile ducts
 More common in women, PBC is one of the most common autoimmune diseases affecting nearly 1:1000 women over the age of 40¹
 Patients with PBC are desperately in need of a highly-targeted, liver-directed approach to treating the root cause of the disorder

We believe ImmTOR is ideally suited to address PBC







* P=0.05, ****P=0.0001

PBC is a T-cell mediated disease driven by a well-defined antigen, ImmTOR biodistributes to the liver and induces a tolerogenic environment, ImmTOR shows hepatoprotective properties in liver injury models



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Biosciences

1. https://rarediseases.org/rare-diseases/primary-biliary-cholangitis/



AAV gene therapies are coming of age but still have challenges

Selecta has platform technologies to potentially address many key challenges facing the modality



The formation of neutralizing antibodies (NAbs) after AAV vector administration prevents redosing due to the potentially dangerous immune response that would follow a second or third gene therapy administration. Adverse patient events related to high vector doses is inextricably linked to immunogenicity.*

 $Pre-existing\ immunity\ to\ AAV\ vectors\ excludes\ significant\ numbers\ of\ patients\ who\ would\ potentially\ benefit\ from\ treatment\ by\ AAV\ gene\ therapies.$



>> ImmTOR - Human proof of concept shows the possibility for ImmTOR to inhibit the formation of neutralizing antibodies to AAV vectors. Extensive preclinical work shows the potential for improved and more durable transgene expression upon the first dose and potential hepatoprotective benefits of ImmTOR.

 $\label{eq:Xork-Cleaves} \textbf{Nork-Cleaves} \textbf{human lgG specifically}, \textbf{efficiently and shows low cross reactivity to human sera potentially opening a treatment window for those with pre-existing immunity to AAV vectors.$



ImmTOR, by inhibiting the formation of neutralizing antibodies, could make redosing of gene therapies possible.
Functional benefit could be maintained or restored with additional doses. Safer and more efficacious dosing regimens could be implemented.

 $\label{thm:could_potentially_make} \textbf{patients with pre-existing immunity to AAV} \ \textbf{vectors eligible for treatment.}$

Selecta has partnered its technologies with leading gene therapy companies.

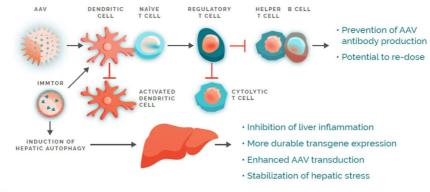


Flotte TR. 2020. Hum Gene Ther 31:398-39

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Potential for ImmTOR to enhance AAV gene therapies

Safer, more durable AAV gene therapy treatments are within reach



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Solocta Bioccionese Investor Procentation April 2012

Aiming to simultaneously address two key challenges in AAV gene therapy

The combination of ImmTOR and Xork could make gene therapy both accessible and re-dosable

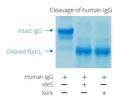


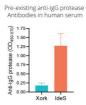






- Potential to increase the number of patients eligible for gene therapy by mitigating pre-existing anti-AAV antibodies
- Potential to enable re-dosing by mitigating the de novo formation of anti-AAV antibodies
- Xork is an IgG protease derived from a nonhuman pathogen
- Xork cleaves human IgG specifically and efficiently, but shows low cross reactivity to human sera compared to IdeS





rideS is an IgG protease derived from the common human pathogen Streptococcus pyogenes



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ImmTOR could enable safer, more efficacious gene therapy treatments ImmTOR is designed to be dose sparing – a key safety consideration and manufacturing benefit Day 0 Sett vg/kg AAV-SEAP Sett vg/kg AAV-SEAP + ImmTOR 25ett vg/kg AAV-SEAP Sett vg/kg AAV-SEAP Sett vg/kg AAV-SEAP Sett vg/kg AAV-SEAP Two doses of Sett vg/kg with ImmTOR provides comparable expression as single dose of 25ett vg/kg with ImmTOR provides comparable expression as single dose of 25ett vg/kg with ImmTOR is dose sparing

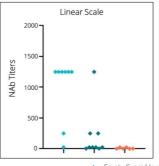
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SEL-399 Phase 1 dose-escalation study: subjects and design

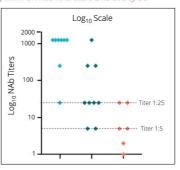
- Total healthy volunteers enrolled: 23 (14 males and 9 females)
- All subjects with anti-AAV8 NAb titers <1:5 at baseline
- Randomized, placebo controlled and double-blind study



Single dose ImmTOR observed to inhibit formation of anti-AAV8 NAb at day 30 100% of subjects dosed with 0.3 mg/kg ImmTOR had NAb titers ≤1:25 at Day 30 67% of subjects dosed with 0.3 mg/kg ImmTOR had NAb titers ≤1:5 at Day 30



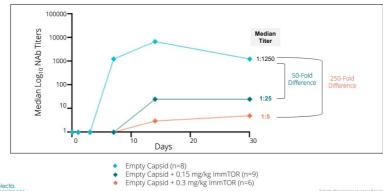
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Empty Capsid (n=8)
 Empty Capsid + 0.15 mg/kg lmmTOR (n=9)
 Empty Capsid + 0.3 mg/kg lmmTOR (n=6)

Single dose ImmTOR observed to inhibit formation of median anti-AAV8 NAb in a dose-dependent manner at day 30 $\,$

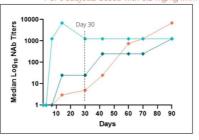
1:5 Median NAb titers in subjects dosed with 0.3 mg/kg ImmTOR at Day 30 250-fold lower median NAb titers in subjects dosed with 0.3 mg/kg ImmTOR at Day 30

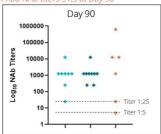


Subjects treated with a single dose of ImmTOR developed delayed NAb formation by day 90

Additional doses of ImmTOR may be required to maintain control beyond Day 30 2 of 6 subjects dosed with 0.3 matter in a second with 0.3 matter

2 of 6 subjects dosed with 0.3 mg/kg lmmTOR had NAb titers ≤1:25 at Day 90 1 of 6 subjects dosed with 0.3 mg/kg lmmTOR had NAb titers ≤1:5 at Day 90





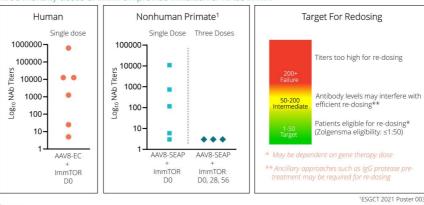
Empty Capsid (n=8)
 Empty Capsid + 0.15 mg/kg ImmTOR (n=9)
 Empty Capsid + 0.3 mg/kg ImmTOR (n=6)

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Empty capsid data in-line with single dose ImmTOR NHP data at day 90

Three monthly doses of ImmTOR provide inhibition of NAbs in NHP



¹ESGCT 2021 Poster 003

Summary and conclusions

- We observed AAV8 empty capsids eliciting a strong immune response with peak median anti-AAV8 NAb titers of 1:6875
- We observed ImmTOR inhibiting the formation of anti-AAV8 NAb in a dose-dependent manner at Day 30

ImmTOR Dose	Subjects ≤ 1:5 NAb titer	Subjects ≤ 1:25 NAb titer	Median titers	Fold difference from control
0.15 mg/kg	22%	67%	1:25	50
0.30 mg/kg	67%	100%	1:5	250

- After Day 30, 2 of 6 subjects treated with 0.3 mg/kg ImmTOR maintained NAb titers ≤25, while remaining ImmTOR-treated subjects showed delayed formation of NAb reaching control levels by Day 90
- Animal studies suggest that if NAb are inhibited at Day 30, administration of two additional monthly doses of ImmTOR may maintain control of NAb beyond 90 days
- Safety findings included AEs previously observed with ImmTOR (Stomatitis & Rash). Asymptomatic and transient laboratory changes in subjects receiving ImmTOR were seen in 2 subjects with mild to moderate thrombocytopenia and 1 subject with grade 3 hypertriglyceridemia
- This promising study in healthy volunteers provides support for the potential use of ImmTOR for the inhibition of neutralizing antibodies to AAV8 in gene therapy clinical trials



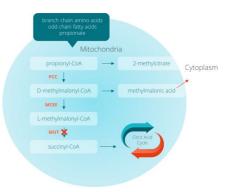
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SEL-302 - Gene therapy program for the treatment of MMA

Phase 1 start expected in 2H 2022

- Methylmalonic acidemia (MMA) is a rare monogenic metabolic disease with a potential live birth incidence of between 1:25,000 and 1:48,000 $^{\rm 1}$
- Majority of patients have mutations in the mitochondrial methylmalonyl-CoA mutase (MUT) gene
- Metabolic instability, particularly in the liver, can cause hyperammonemia and production of other toxic metabolites
- Metabolic crisis can cause irreversible neurocognitive damage, stunted growth, chronic kidney disease and premature death
- Only effective treatment is liver transplantation at an early age
- Selecta is developing an AAV gene therapy combined with ImmTOR for the treatment of MMA (SEL-302)





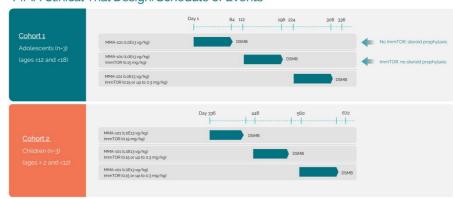
https://www.genome.gov/Genetic-Disorders/MMA-Study-General-Information

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MMA Clinical Trial Design: Schedule of Events for Individual Subjects



MMA Clinical Trial Design: Schedule of Events

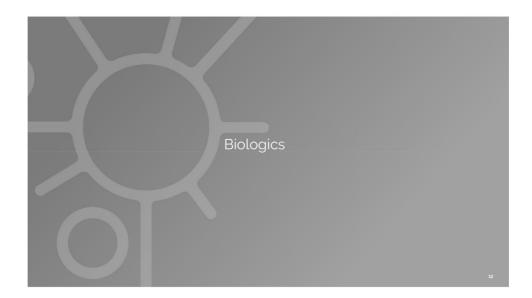


Assumes 1 month (28 days) between Day 84 cutoff and subsequent participant enrollment to allow for DSMB report generation and review.

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Biologic therapies potentially enhanced by ImmTOR

Unlocking their full potential by potentially ameliorating unwanted immune responses



Solution

Many biologics can be highly immunogenic resulting in suboptimal responses to the standard of care due to the development of anti-drug antibodies (ADAs) after multiple treatments

Patients that develop an immune response to the current standard of care may be forced to discontinue treatment or experience adverse reactions



>> ImmTOR, co-administered with immunogenic therapeutic enzymes, has the potential to ameliorate an immune response to the biologic treatment allowing patients to stay on therapy longer

 $Human\ data\ in\ both\ immunogenic\ enzymes\ and\ gene\ therapy\ AAV\ empty\ capsids\ shows\ the\ promise\ of\ ImmTOR\ in\ enhancing\ biologics$



>> The use of ImmTOR as an adjunct to biologic therapies offers a promising approach to minimize the healthcare and economic burden of ADAs

THE Opportunity

 $Extensive\ human\ data\ and\ significant\ safety\ data\ base\ across\ multiple\ biologics\ demonstrates\ the\ broad\ potential\ applicability\ of\ the\ technology\ in\ immunogenic\ biologics.$

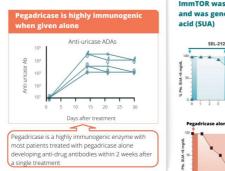


*Sands, E., Kivitz, A., Delkaan, W. et al. Tolerogenic nanoparticles mitigate the formation of anti-drug antibodies against pegyfated uricase in patients with hyperuricemia. Nat Commun 13, 272 (2022). https://doi.org/10.1038/s41467-021-27945-7

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SEL-212 is a late-stage enzyme therapy program in chronic refractory gout

ImmTOR markedly improved patient response to the enzyme pegadricase in a Phase 2 trial



ImmTOR was observed to ameliorate the immune response to pegadricase and was generally well-tolerated resulting in sustained control of serum uric acid (SUA)





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hly dosing cohorts of the SEL-212/201 trial ricase alone cohorts from the SEL-037/101, SEL-212/101, and SEL-212/201 trials

Patients most in need reaped greater benefits from our therapy

Observed a delta of 19% points for SEL-212 versus pegloticase for patients with visible tophi at baseline

Patients with tophi at baseline:

- Represent the most severely affected population of gout patients

 Are less likely to achieve target SUA levels on conventional oral lowering therapies and have increased gout-related emergency room visits, hospitalizations, gout-related surgeries, and co-morbidities

 Have increased prevalence of swollen and tender joints and chronic kidney disease
- Have increased risk of mortality

Evaluation Period		SEL-212		pegloticase		Treatment Difference ²	
(Month)	Data Set	n¹	Responder Percent		Responder Percent		
Month 3 and 6 combined	PP	26	58%	26	39%	19	
	ITT	35	57%	34	42%	16	

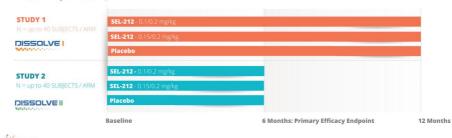
Number of patients with tophi with Responder Assessment
 Treatment difference = SEL-212 percent responder - pegloticase percent responder. Rounded to nearest integer



SEL-212 phase 3 DISSOLVE program design

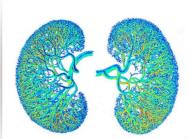
Evaluating SEL-212 in a pivotal phase 3 program vs. placebo, DISSOLVE I topline data expected in Q4

- 2 double blinded placebo-controlled trials of SEL-212 (0.1 mg/kg & 0.15 mg/kg ImmTOR)
 Both studies have a 6-month primary endpoint of serum uric acid (SUA) < 6 mg/dL at month 6, and DISSOLVE I has a 6-month safety extension; secondary endpoints include tender and swollen joint counts, tophus burden, patient reported outcomes of activity limitation and quality of life and gout flare incidence
- Randomized 1:1:1 against Placebo with between 210 and 240 treated subjects
 DISSOLVE I fully enrolled as of Q4 2021



Opportunity to address unmet medical needs for the treatment of IgAN

- Immunoglobulin A nephropathy (IgAN) is a leading cause of chronic kidney disease (CKD) and renal failure with 30-40% of patients reaching end-stage renal disease; approximately 100,000 patients in the U.S. and only one approved therapy
- Caused by deposits of the protein immunoglobulin A (IgA) inside the filters (glomeruli) in the kidney which may lead to presence of blood (hematuria) and protein (proteinuria) in urine and progressive renal insufficiency/failure
- Current treatments fail to address the root cause of the disease and are focused on protecting the kidney from further damage by reducing IgA1 production, controlling blood pressure, cholesterol, and inflammation
- Selecta is developing a candidate for the treatment of IgAN combining ImmTOR with an IgA protease to remove injurious IgA from kidneys and improve markers of renal dysfunction



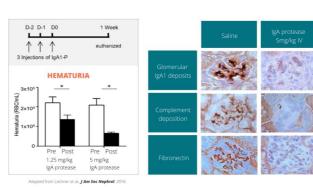


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Combining ImmTOR with IgA protease for the treatment of IgAN

Building on the clinical data from the SEL-212 program and strong preclinical data in IgA

- Selecta intends to co-administer ImmTOR with its proprietary IgA protease to address IgA nephropathy
- Mice expressing human IgA1 and sCD89 develop spontaneous IgA nephropathy
- Treatment with IgA protease clears glomerular IgA1 deposits and associated inflammation and hematuria
- IgA Protease candidate selection and initiation of IND enabling studies in 2022





Selecta Biosciences Investor Presentation – April 2022



Experienced management team positions Selecta for success



Financial information at-a-glance

Company has funding into mid 2024

~\$154.2 MILLION⁽¹⁾

Cash on hand as of April 11, 2022



Current funding expected to support development across pipeline programs including:

- Top-line data from Phase 3 DISSOLVE I & II programs of SEL-212 in chronic refractory gout
- Phase 1 clinical trial initiation and preliminary SEL-302 data in MMA
- Enzyme candidate selection and IND enabling studies in IgA Nephropathy
- Advance proprietary IgG protease (Xork)
- Develop a proprietary IL-2 mutein to combine with ImmTOR. Advance and expand our immune tolerance platform into autoimmune disease
- Advance autoimmune disease program in PBC



Unaudited Includes cash, cash equivalents, marketable securities and restricted cash.

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Company Highlights



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