#### 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): August 4, 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)
- □ 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. o

#### 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 August 2022	
27.1		

#### 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: August 4, 2022 By:

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

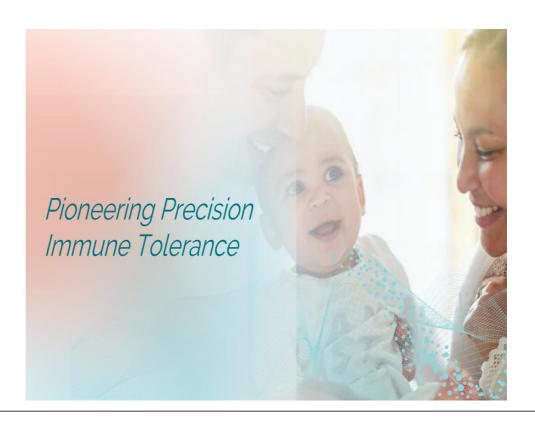


#### Safe harbor / disclaimer

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 cash runway, the unique proprietary technology platform of the Company, and the unique proprietary platform of its partners, the potential of ImmTOR to enable re-dosing of AAV gene therapy and to mitigate immunogenicity, the potential of ImmTOR and the Company's product provided in the company's and the unique proprietary platform of its partners, the potential of ImmTOR to enable re-dosing of AAV gene therapy and to mitigate immunogenicity, the potential of ImmTOR and the Company's product rundicates, studies and preclinical studies, the timing or making of any regulatory filings, the Company's and its partners' ability to conduct its and their clinical trials and preclinical studies, the timing or making of any regulatory filings, the anticipated timining or making of any regulatory filings, the anticipated timining or outcome of selection of developmental product candidates the potential treats of product candidates unificiang 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 novelty of treatment paradigms that the Company is abile to develop, whether the observations made in non-human study subjects will translate to studies performed with human beings, the potential of any therapies developed by the Company is abile to develop, whether the observations made in non-human study subjects will translate to studies performed with human beings, the potential of the Company is the Company is company is a developed by the company is company is a developed paradigm and in the company is company is a developed paradigm an



Colone Disease to come December 4 on at 2022



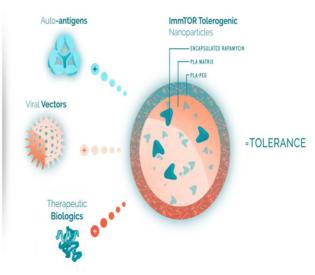
#### Company Highlights





# 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





Selecta Biosciences Investor Presentation - August 2022

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

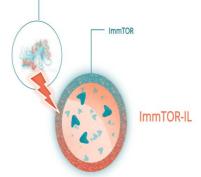
# Autoimmune Disease Gene Therapies/Biologics DENDRITIC CELL OFFICIOR MESSAGE NAIVE T CELL REGULATORY T CELLS BINDS TOLEBORITIC CELL SENDS MESSAGE NAIVE T CELL REGULATORY T CELLS SILFTOLERAINE TO AUTOANTIGEN RESTORED RESTORED Selecta. Selecta Selecta Selecta Biosciences Selecta Biosciences

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



Treg-selective IL-2 receptor agonist

		ImmTOR	ImmTOR-IL
Induce Treg	X	<b>V</b>	<b>V</b>
Expand existing Tregs	<b>~</b>	X	<b>✓</b>
Antigen-specific	X	<b>✓</b>	<b>V</b>
	Expansion of all pre-existing Tregs	Induction of target antigen-specific Tregs	Induction and expansion of antigen- specific Tregs



Selecta Biosciences Investor Presentation – August 2022

## 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 24M people in the US alone<sup>6</sup>



# Therapies

ImmTOR potentially enables redosing of transformative gene therapies



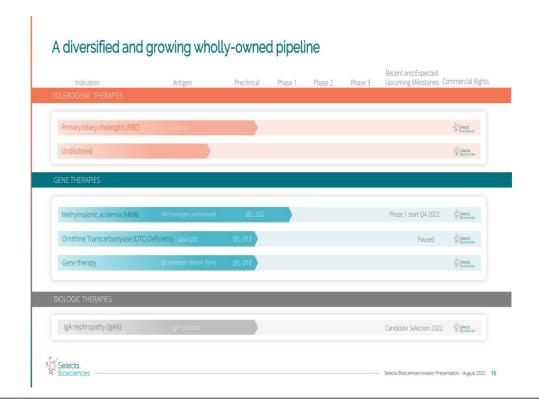
## Biologic Therapies

ImmTOR is designed to address the immunogenicity of biologics

80% of rare disease has a known monogenic cause<sup>5</sup> and most gene therapy trials use AAV vectors

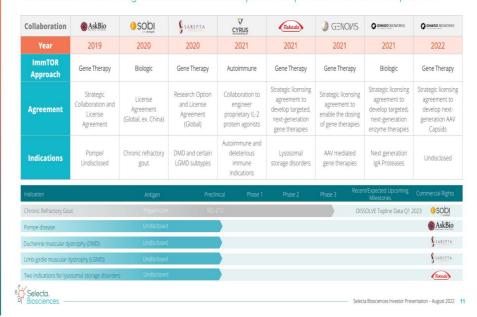
Over 160,000 patients between IgAN and chronic refractory gout in the US alone<sup>1,2,3,4</sup>





#### Unlocking the potential of our platform through collaborations

Selecta has entered strategic transactions to further optimize the potential of the ImmTOR platform





#### 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 <u>antigen-specific</u> therapies that can induce immune tolerance to pathogenic autoantigens without the need for chronic and systemic immune suppression.



>> 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/scientificamerican/921-31
\*\*https://www.niehs.nih.gov/health/topics/conditions/autoimmune/index.cfm

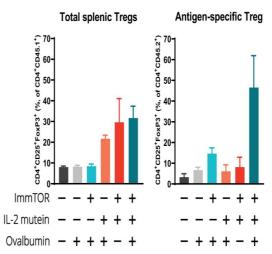
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#### Induction and expansion of antigen-specific Treg

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 observed, Selecta potentially has a best-inclass IL-2 therapy.

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





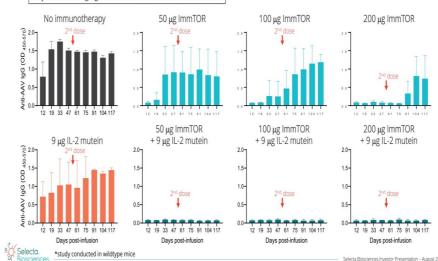
\*study conducted in wildtype mice after adoptive transfer of ovalbumin specific transgenic T-cells

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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\*

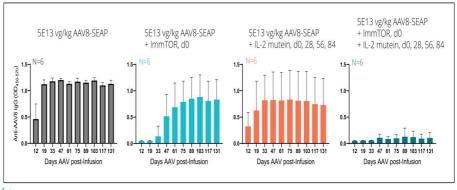
Day 0 2.7E12 vg/kg AAV8-SEAP +/- ImmTOR +/- IL-2 mutein Day 56 5.0E12 vg/kg AAV8-SEAP +/- ImmTOR +/- IL-2 mutein



# Immunogenicity of high vector dose AAV gene therapy mitigated by ImmTOR-IL $\,$

ImmTOR + 4 monthly doses of IL-2 mutein observed to inhibit anti-AAV antibodies at 5E13 vg/kg dose





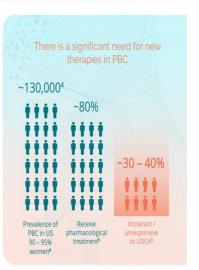
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#### Initial autoimmune disease focus: Primary Biliary Cholangitis (PBC)

We believe ImmTOR-IL + PDC-E2 antigen has the potential to restore immune tolerance in the liver

- PBC is a rare T-cell mediated autoimmune liver disease
  - Leads to bile duct damage, progressive inflammation, scarring (cirrhosis) and eventually, liver failure
- It is driven by a well-defined pathogenic antigen: PDC-E2
  - 95% of patients with PBC have auto-antibodies against PDC-E2, the E2 subunit of mitochondrial pyruvate dehydrogenase complex
- Current therapies do not address underlying disease or key symptoms
  - 30 40% of patients are intolerant / unresponsive to current SoC (UDCA<sup>2</sup>), and OCA<sup>3</sup> is marred by high AE rates and black box warnings
- Our approach has the potential to directly address the underlying disease
  - In preclinical studies ImmTOR induced a strong tolerogenic environment and showed hepatoprotective properties in liver injury models
  - Co-administration of ImmTOR-IL with PDC-E2 has the potential to restore immune tolerance in the liver





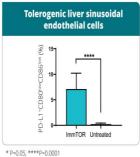
Yeaman SJ, Fussey SP, Danner DJ, et al. Primary bilary cirrhosis: identification of two major M2 mitochondrial autoantigens. Lancet 1988;11057-70.
 Ursodeoxycholc acid. 3. Obeticholic acid. 4. Purohit & Cappel (2015) S. Lu et al (2018). Lammers et al (2014). Marzioni et al (2019). 6. Proteini & Mangini (2018)
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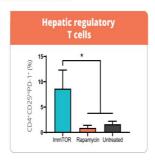
# An ImmTOR-based approach to treating primary biliary cholangitis (PBC)

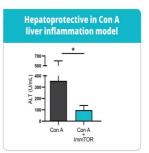
Selecta intends to co-administer ImmTOR-IL with PDC-E2, the autoantigen implicated in PBC

- Patients with PBC need a highly-targeted, liver-directed approach to treating the root cause of the disorder
- ImmTOR biodistributes to the liver and is designed to induce a tolerogenic environment and shows hepatoprotective properties in liver injury models

#### We believe ImmTOR is ideally suited to address PBC











#### 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.

Xork – Cleaves human IgG specifically, 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.

Xork could potentially make patients with pre-existing immunity to AAV vectors eligible for treatment.

Selecta has partnered its technologies with leading gene therapy companies.



\*Flotte TR. 2020. Hum Gene Ther 31:398-399.

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#### Aiming to have the leading toolkit to power AAV gene therapies



# "Gene therapy is a one time only treatment"

The ImmTOR platform has shown the ability to mitigate the formation of Nabs to empty capsids in humans

#### **ImmTOR**

Preventing the formation of neutralizing antibodies could enable redosing of gene therapies



# "Patient eligibility is limited"

Xork can cleave IgG potentially opening a therapeutic window for gene therapy treatment

#### Xork

Increasing patient eligibility for gene therapies can bring hope to those without treatment alternatives and make programs more commercially viable



## "High doses are needed to ensure therapeutic benefit"

Low transduction efficiency and lack of organ specificity requires higher doses to ensure therapeutic benefit

#### Next Gen Capsids

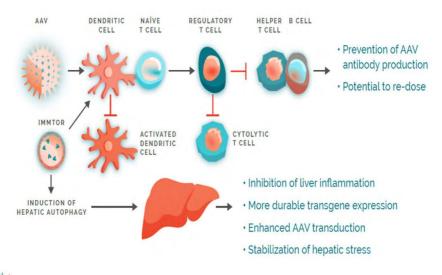
Selecta has partnered with a leading synthetic biology company to engineer next generation capsids with improved transduction and organ specificity



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# Potential for ImmTOR to enhance AAV gene therapies

Safer, more durable AAV gene therapy treatments are within reach

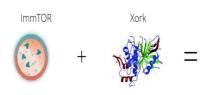




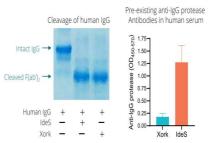
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#### Aiming to simultaneously address two key challenges in AAV gene therapy

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



IdeS is an IgG protease derived from the common human pathogen Streptococcus progenes



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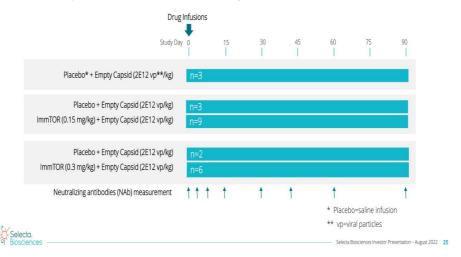
#### ImmTOR could enable safer, more efficacious gene therapy treatments ImmTOR is designed to be dose sparing – a key safety consideration and manufacturing benefit Day 0 Day 70 5e11 vg/kg AAV-SEAP 5e11 vg/kg AAV-SEAP 5e11 vg/kg AAAV-SEAP + ImmTOR 5e11 vg/kg AAV-SEAP + ImmTOR ImmTOR has been observed to enhance transgene expression after first and second doses of AAV SEAP (RLU) 500 00000 Repeat dosing enabled by ImmTOR is dose sparing Time after initial AAV treatment (d)

\*study conducted in wildtype mice

Ilyinskii et al., Science Advances, 2021

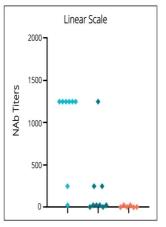
## SEL-399 Phase 1 dose-escalation study: subjects and design

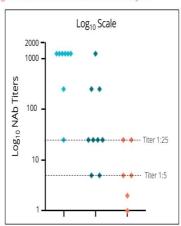
- Total healthy volunteers enrolled: 23 (14 males and 9 females)
- All subjects with anti-AAV8 NAb titers <1:5 at baseline
- Randomized, placebo controlled and double-blind study



# Single dose ImmTOR observed to inhibit anti-AAV8 NAb formation at day 30

100% of subjects dosed with 0.3 mg/kg lmmTOR had NAb titers ≤1:25 at Day 30 67% of subjects dosed with 0.3 mg/kg lmmTOR had NAb titers ≤1:5 at Day 30





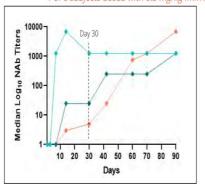
- Empty Capsid (n=8)
   Empty Capsid + 0.15 mg/kg ImmTOR (n=9)
   Empty Capsid + 0.3 mg/kg ImmTOR (n=6)

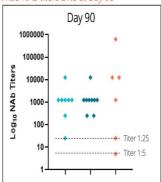


### Subjects treated with a single dose of ImmTOR developed delayed NAb formation by day 90

Additional doses of ImmTOR may be required to maintain control beyond Day

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



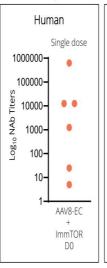


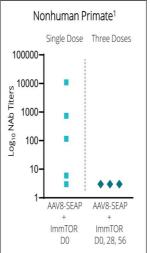
- Empty Capsid (n=8)
   Empty Capsid + 0.15 mg/kg ImmTOR (n=9)
   Empty Capsid + 0.3 mg/kg ImmTOR (n=6)

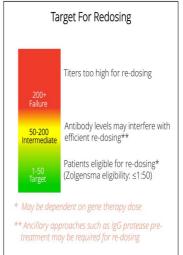


# Empty capsid data in-line with single dose ImmTOR NHP data at day 90

Three monthly doses of ImmTOR provide inhibition of NAbs in NHP







1. ESGCT 2021 Poster 00:



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#### 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

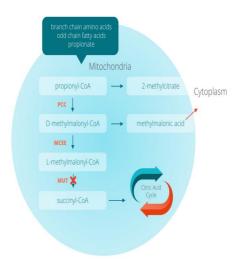


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#### SEL-302 - Gene therapy program for the treatment of MMA

Phase 1 start expected in Q4 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 <sup>1</sup>
- 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-Informatio

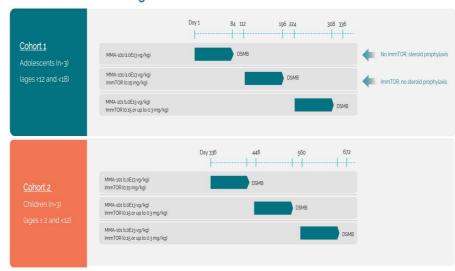
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# MMA Clinical Trial Design: Schedule of Events for Individual Subjects



POBT-1-<sup>13</sup>C -sodium propionate oxidative capacity using breath test; sMMA- serum methylmalonic acid levels; NAb-neutralizing anti-AAV8 antibodies clusters and point-Data cutoff for Data Safety Monitoring Board evaluation

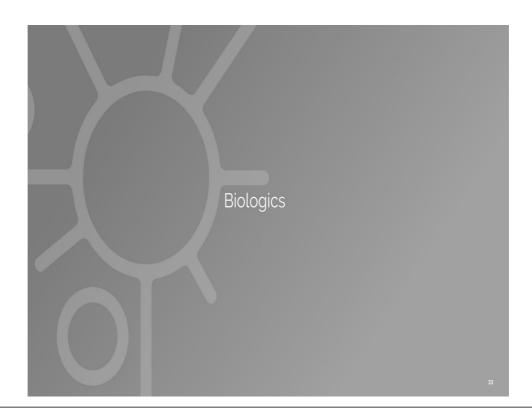
# MMA Clinical Trial Design: Schedule of Events



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



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

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

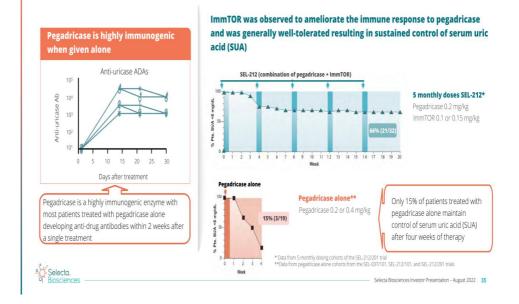


\*Sands, E., Kivitz, A., DeHaan, W. et al. Tolerogenic nanoparticles mitigate the formation of anti-drug antibodies against pegylated uricase in patients with hyperuricen Nat Commun 13, 272 (2022). https://doi.org/10.1038/s41467-021-27945-7

Selecta Biosciences Investor Presentation - August 2022

# 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



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

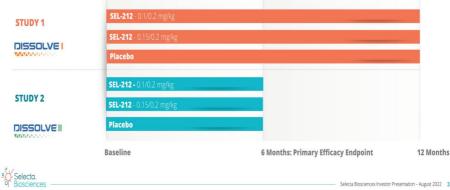


Number of patients with tophi with Responder Assessment
 Treatment difference = SEL-212 percent responder - pegloticase percent responder. Rounded to nearest integer

### SEL-212 phase 3 DISSOLVE program design

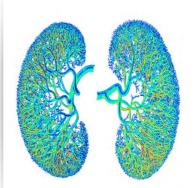
Evaluating SEL-212 in a pivotal phase 3 program vs. placebo, joint topline data expected in Q1 2023

- 2 double blinded placebo-controlled trials of SEL-212 (0.1 mg/kg & 0.15 mg/kg lmmTOR)
  - 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 265 treated subjects across both studies
- DISSOLVE I fully enrolled as of Q4 2021. Study completion anticipated Q4 2022
- DISSOLVE II fully enrolled as of Q2 2022. Study completion anticipated Q4 2022



# 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



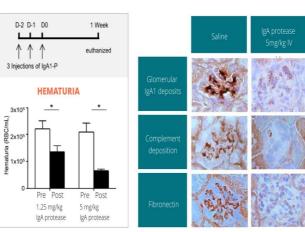


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### Combining ImmTOR with IgA protease for the treatment of IgAN

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

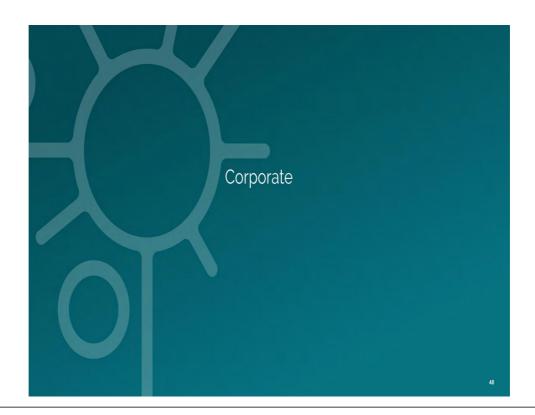
- Selecta intends to co-administer ImmTOR with its proprietary IgA protease to address IgA nephropathy
- Mice expressing human IgA1 and sCD89 develop spontaneous IgA nephropathy
- Treatment with IgA protease clears glomerular IgA1 deposits and associated inflammation and hematuria
- IgA Protease candidate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







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# Experienced management team positions Selecta for success



# Financial information at-a-glance

Expected financial runway into mid 2024

# ~\$143.4 MILLION<sup>(1)</sup>

Cash on hand as of June 30, 2022



Current funding expected to support anticipated 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 gene therapy for 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

