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): May 7, 2024

RECURSION PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

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

001-40323 (Commission File Number)

(Commission File Number) 41 S Rio Grande Street Salt Lake City, UT 84101 (Address of principal executive offices) (Zip code)

(385) 269 - 0203 (Registrant's telephone number, including area code)

Not Applicable

(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)

D Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

D Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

occurries registered pursuant to occurring (b) of the Act.						
Title of each class	Trading symbol(s)	Name of each exchange on which registered				
Class A Common Stock, par value \$0.00001 per share	RXRX	Nasdaq Global Select Market				

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

46-4099738 (I.R.S. Employer Identification No.)

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.

Item 2.02. Results of Operations and Financial Condition.

On May 9, 2024, the Company issued a press release announcing its results of operations and financial condition for the first quarter March 31, 2024. A copy of the press release is furnished as Exhibit 99.1 and is incorporated herein by reference.

Item 4.01. Change in Registrant's Certifying Accountant.

The Audit Committee of our Board of Directors (the "Audit Committee") recently solicited proposals from several accounting firms to serve as our registered independent accounting firm for the year ending December 31, 2024.

As a result of this process, on May 7, 2024, the Audit Committee approved the appointment of PricewaterhouseCoopers LLP ("PwC") as our independent registered public accounting firm, effective upon completion of PwC's standard client acceptance process. On May 7, 2024, the Audit Committee also dismissed Ernst & Young LLP ("EY") as our independent registered public accounting firm, beginning in the second fiscal quarter.

During the two most recent fiscal years ended December 31, 2023 and 2022 and the subsequent interim period through May 7, 2024 preceding the engagement of PwC as our independent registered public accounting firm, neither we nor anyone acting on our behalf consulted PwC regarding any of the matters referred to in Item 304(a)(2) of Regulation S-K.

The audit reports of EY on our consolidated financial statements as of and for the fiscal years ended December 31, 2023 and 2022 did not contain any adverse opinion or disclaimer of opinion, nor were they qualified or modified as to uncertainty, audit scope or accounting principles.

During the two most recent fiscal years ended December 31, 2023 and 2022 and the subsequent interim period through May 7, 2024, there were no disagreements (as that term is defined in Item 304(a)(1)(iv) of Regulation S-K) with EY on any matter of accounting principles or practices, financial statement disclosure or auditing scope or procedures, which disagreements, if not resolved to EY's satisfaction, would have caused EY to make reference thereto in its reports on the consolidated financial statements for such years. In addition, during our two most recent fiscal years ended December 31, 2023 and 2022 and the subsequent interim period through May 7, 2024, there were no "reportable events" (as that term is defined in Item 304(a)(1)(v) of Regulation S-K), except that for the year ended December 31, 2023, a material weakness existed in our internal control over financial reporting related to control activities over our processes to estimate costs used to calculate revenue related to our revenue license agreement, which was previously identified by management and disclosed in Item 9A of our Annual Report on Form 10-K for the fiscal year ended December 31, 2023 because of the effect over financial reporting related to a maintain effective internal control over financial reporting as of December 31, 2023 because of the effect of such identified material weakness on the achievement of the objectives of the control criteria and containing an explanatory paragraph. This reportable event was discussed among the Audit Committee and EY.

The Audit Committee has authorized EY to respond fully to the inquiries of PwC concerning this material weakness. We are still in the process of remediating the material weakness as disclosed in our Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2024.

We delivered a copy of this Current Report on Form 8-K to EY and requested a letter addressed to the SEC stating whether or not it agrees with the statements made in response to this Item 4.01 and, if not, stating the respects in which it does not agree. EY has furnished us with a letter, dated May 9, 2024, addressed to the Securities and Exchange Commission indicating that it agrees with the foregoing statements. A copy of this letter is filed as Exhibit 16.1 to this Current Report on Form 8-K.

Item 7.01. Regulation FD Disclosure.

On May 9, 2024, the Company released an updated corporate presentation to the investor section of the Company's website. A copy of the presentation is attached hereto as Exhibit 99.2 to this Current Report on Form 8-K and incorporated into this Item 7.01 by reference.

Also on May 9, 2024, the Company released a presentation made in connection with its L(earnings) call on May 9, 2024. A copy of the presentation is attached hereto as Exhibit 99.3.

The information furnished pursuant to Item 2.02 (including Exhibit 99.1) and 7.01 (including Exhibits 99.2 and 99.3) on this Form 8-K, 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 into any other 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.

Forward Looking Statements

The Company cautions you that statements contained in this report includes or is based upon "forward-looking statements" within the meaning of the Securities Litigation Reform Act of 1995, including, without limitation, those regarding all actions and anticipated performance under the Tempus Agreement and the Restated Agreement, and all other statements that are not historical facts. Forward-looking statements may or may not include identifying words such as "plan," "will," "expect," "anticipate," "intend," "believe," "potential," "continue," and similar terms. These statements are subject to known or unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such statements such as those described under the heading "Risk Factors" in the Company's filings with the SEC, including the Company's most recent Annual Report on Form 10-K and all subsequently filed Quarterly Reports on Form 10-Q. All forward-looking statements are based on management's current estimates, projections, and the Company undertakes no obligation to correct or update any such statements, whether as a result of new information, future developments, or otherwise, except to the extent required by applicable law.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit Number	Description
16.1	Letter dated May 9, 2024, from Ernst & Young LLP to the Securities Exchange Commission.
99.1	Press release issued by the Company. dated May 9, 2024
99.2	Company presentation dated May 9, 2024
99.3	L(earnings) call presentation dated May 9, 2024
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 on May 9, 2024.

RECURSION PHARMACEUTICALS, INC.

By: /s/ Michael Secora Michael Secora

Chief Financial Officer

May 9, 2024

Securities and Exchange Commission 100 F Street, N.E. Washington, DC 20549

Commissioners:

We have read Item 4.01 of Form 8-K dated May 9, 2024, of Recursion Pharmaceuticals, Inc. and are in agreement with the statements contained in the first, fourth, fifth, sixth and seventh paragraphs and the second sentence of the second paragraph on pages two and three therein. We have no basis to agree or disagree with other statements of the registrant contained therein.

/s/ Ernst & Young LLP

Recursion Provides Business Updates and Reports First Quarter 2024 Financial Results

- On track to read out multiple Phase 2 clinical trials in the coming quarters, beginning in Q3 2024
- Performance benchmarking completed on BioHive-2, Recursion's next generation supercomputer, which will support the construction of foundation models across biology, chemistry, and
- patient outcomes Transcriptomics technology has continued to be scaled to more than 1 million transcriptomes with a whole-genome knockout transcriptomics map to be completed in the coming quarters Entered into a multi-year agreement with Helix to access hundreds of thousands of de-identified records for training causal AI models and designing biomarker and patient stratification strategies

SALT LAKE CITY, May 9, 2024 — Recursion (Nasdaq: RXRX), a leading clinical stage TechBio company decoding biology to industrialize drug discovery, today reported business updates and financial results for its first quarter ending March 31, 2024.

"We are excited about the multiple upcoming value catalysts that could potentially occur in the near-term, including clinical trial readouts, partnership option exercises, new partnerships, and interest in Recursion's data and technology solutions," said Chris Gibson, Ph.D., Co-founder and CEO of Recursion. "It is great to see individuals from both the biopharma and technology industries demonstrating an understanding and appetite for the power of combining large-scale computing resources with the ability to generate a proprietary source of large-scale data. To that end, we are thrilled to welcome Dr. Najat Khan to Recursion who will help lead our R&D and commercialization efforts."

	Program	Indication	Target	Patient Population	Preclinical	Phase 1	Phase 2	Phase 3	Near-Term Milestones
	REC-994	Cerebral Cavernous Malformation	Superoxide	~ 360K1	SYCAMORE				Topline readout in Q3 2024
ler	REC-2282	Neurofibromatosis Type 2	HDAC	~ 33K ²	POPLAR				Preliminary data readout in Q4 2024
e & Other	REC-4881	Familial Adenomatous Polyposis	MEK	~ 50K ³	TUPELO				Preliminary data readout in H1 2025
Rare	REC-3964	Clostridioides difficileInfection	TodB	~730K					+ Phase 2 initiation
	Epsilon	Fibrotic Diseases	Undisclosed	~ 50K ^{4,5,6}					IND submission
logy	REC-4881	Advanced AXIN1/APG Mutant Cancers	MEK	~ 104K ⁷	LILAC				Preliminary data readout in H1 2025
Oncology	RBM39	Advanced HR-Proficient Cancers	RBM39	~ 220K ⁸					IND submission Phase 1 initiation

More than a dozen discovery and research programs in oncology or with our partners- first program optioned by Roche-Genentech in GI-oncology

defined above are US and EUS incidence unless otherwise noted. EUS is idence for all NF2-driven meningiomas. (3) Prevalence for adult and pe cific indication. (6) Incidence for US only. (7) 2L+ drug-treatable populati nce, Germany, Italy, Spain, and tion. (4) Our program has the p and sporadic symptomatic population. (2) Annual ations. (5) We have not finalized a target product

Summary of Business Highlights

Pipeline

- Cerebral Cavernous Malformation (CCM) (REC-994): Our Phase 2 SYCAMORE clinical trial is a randomized, double-blind, placebo-controlled study of two doses of REC-994 in
 participants with CCM. The primary endpoint of the study is safety and tolerability. Secondary and exploratory endpoints, including clinician measured outcomes, imaging of CCM
 lesions, patient reported outcomes, and selected biomarkers, will be evaluated. This trial was fully enrolled in June 2023 with 62 participants, where the vast majority of
 participants who completed 12 months of treatment have entered the long-term extension study. We expect to share Phase 2 data in Q3 2024.
- Neurofibromatosis Type 2 (NF2) (REC-2282): Our adaptive Phase 2/3 POPLAR clinical trial is a randomized, two part study of REC-2282 in participants with progressive NF2-mutated meningiomas. Part 1 of the study is ongoing and is exploring two doses of REC-2282 in approximately 23 adults and 9 adolescents, with enrollment in adults expected to complete in Q2 2024. We expect to share Phase 2 safety and preliminary efficacy data in Q4 2024.
 Familial Adenomatous Polyposis (FAP) (REC-4881): Our Phase 1b/2 TUPELO clinical trial is an open label, multicenter, two part study of REC-4881 in participants with FAP.
- Familial Adenomatous Polyposis (FAP) (REC-4881): Our Phase 1b/2 TUPELÓ clinical trial is an open label, multicenter, two part study of REC-4881 in participants with FAP.
 Part 1 is complete and enrollment in Part 2 has commenced. We expect to share Phase 2 safety and preliminary efficacy data in H1 2025.
 AXIN1 or APC Mutant Cancers (REC-4881): Our Phase 2 LILAC clinical trial is an open label, multicenter study of REC-4881 in participants with unresectable, locally advanced
- AXIN1 or APC Mutant Cancers (REC-4881): Our Phase 2 LILAC clinical trial is an open label, multicenter study of REC-4881 in participants with unresectable, locally advanced
 or metastatic cancer with AXIN1 or APC mutations. This study was initiated at the end of 2023 with the first participant dosed in Q1 2024. Since that time, multiple participants are
 now enrolled. We expect to share Phase 2 safety and preliminary efficacy data in H1 2025.
- Clostridioides difficile Infection (REC-3964): REC-3964 is a first-in-class C. difficile toxin inhibitor and the first new chemical entity developed by Recursion, with promising preclinical efficacy data seen in relevant models (superiority versus bezlotoxumab). Full Phase 1 data from our healthy volunteers study will be presented at the World Congress on Infectious Diseases in Paris in June 2024. We expect to initiate a randomized Phase 2 study in patients at high risk for C. difficile infection recurrence in 2024.
- Advanced HR-Proficient Cancers (RBM39): RBM39 is a novel CDK12-adjacent target identified by the Recursion OS. We intend to position our lead candidate as a single agent
 for the potential treatment of advanced HR-proficient cancers including ovarian and other solid tumors. We expect to submit an IND in H2 2024 and anticipate initiating a Phase 1
 open label study of our lead candidate in participants with relapsed/refractory cancer. The primary endpoint of the study will be safety and tolerability. Secondary endpoints will
 explore pharmacokinetics and preliminary sions of anti-tumor activity.
- explore pharmacokinetics and preliminary signs of anti-tumor activity.
 Undisclosed Indication in Fibrosis (Target Epsilon): This program originated under our initial fibrosis collaboration with Bayer and we have since in-licensed from Bayer all rights to this program. We are advancing our lead candidate through IND-enabling studies with IND submission expected in the near-term.

Platform

- Supercomputer Expansion: We worked with our partner NVIDIA to design and build BioHive-2, our next generation supercomputer with over 500 H100 GPUs. We have nearly completed the build out of BioHive-2 and began performance benchmarking tests. We believe that the performance of our supercomputer may place BioHive-2 in the top 50 of the next TOP500 list, making it one of the most powerful supercomputers in the world across any industry and the most powerful supercomputer owned and operated by any biopharma company. These computational resources, paired with Recursion's vast datasets and data generation capabilities, enable the construction of Recursion's large foundation models for biology, chemistry and causal patient outcomes.
- Whole-Genome Transcriptomics Map: We continue to focus on key technologies that enhance our ability to generate, extract and validate novel insights for therapeutic advancements. Over the past year, we have scaled our transcriptomics technology in order to validate phenotypic-insights and relate to patient-derived RNA sequencing data. In April, we announced sequencing our 1 millionth transcriptome. We believe that we are one of the largest transcriptomics sequencers in the world and are advancing the development of a whole-genome knockout transcriptomics map, which we expect to complete in the coming quarters. Such platform capabilities are important for curating scaled datasets that are relatable and provide a more complete understanding of biology, chemistry, and patient outcomes.
- Active Learning: We have been applying active learning approaches to predict where our OS should generate and enrich biological and chemical datasets via phenotypic and ADME compound profiling across existing and new cellular contexts. These capabilities enable Recursion to rapidly construct multiomics maps that are enriched for areas of biology and chemistry that may be of high value for translating insights into therapeutic programs. We believe that such approaches enable Recursion to more rapidly expand its data moat and see active learning capabilities as an important step towards autonomous drug discovery.

Partnerships

- Helix Collaboration: Recursion entered into a multi-year agreement with Helix to access hundreds of thousands of de-identified records including Helix's Exome+(R) genomic data and data from longitudinal health records. Recursion plans to use this data to train causal AI models and design biomarker and patient stratification strategies across broad disease areas. The Helix dataset expands Recursion's integration of real-world patient data and complements Recursion's access to Tempus' oncology data.
- Transformational Collaborations: We continue to advance efforts to discover potential new therapeutics with our strategic partners in the areas of undruggable oncology (Bayer)
 as well as neuroscience and a single indication in gastrointestinal oncology (Roche-Genentech). In the near-term, there is the potential for option exercises associated with
 partnership programs, option exercises associated with map building initiatives or data sharing and additional partnerships in large, intractable areas of biology or technological
 innovation.

Additional Corporate Updates

- L(earnings) Call: Recursion will host a L(earnings) Call on May 9, 2024 at 5:00 pm Eastern Time / 3:00 pm Mountain Time. Recursion will broadcast the live stream from Recursion's X
- (formerly Twitter), LinkedIn and YouTube accounts and there will be opportunities to ask questions of the company. Chief R&D Officer and Chief Commercialization Officer: In April 2024, Recursion named Najat Khan, Ph.D. as Chief R&D Officer and Chief Commercialization Officer. Previous to joining Recursion, Dr. Khan worked at Johnson & Johnson for over 6 years, serving most recently as Chief Data Science Officer and Global Head of Strategy & Portfolio Organization for Innovative Medicine R&D. Dr. Khan has also been appointed to Recursion's Board of Directors.
- London Office: In March 2024, Recursion announced plans to open a new office in London in order to recruit top TechBio talent within the areas of computational biology, machine learning and data science. Additionally, Recursion announced that Prof. Michael Bronstein, DeepMind Professor of Artificial Intelligence at Oxford University, will join Recursion as a Scientific Advisor
- Annual Shareholder Meeting: Recursion's Annual Shareholder Meeting will be held on June 3, 2024 at 10:00 am Eastern Time / 8:00 am Mountain Time.

First Quarter 2024 Financial Results

- Cash Position: Cash and cash equivalents were \$296.3 million as of March 31, 2024.
- Revenue: Total revenue was \$13.8 million for the first quarter of 2024, compared to \$12.1 million for the first quarter of 2023. The increase was due to revenue recognized from our partnership with Roche, as our mix of work on the three performance obligations shifted towards higher cost processes including the progression of work related to one of our neuroscience performance obligations.
- Research and Development Expenses: Research and development expenses were \$67.6 million for the first quarter of 2024, compared to \$46.7 million for the first quarter of 2023. The increase in research and development expenses was across all development phases as we continue to expand and upgrade our platform, including our chemical technology, machine learning and transcriptomics platform. Our discovery costs increased as we advanced our preclinical pipeline including our work on Target Epsilon. Our clinical costs grew as we continued to progress through our various clinical trials.
- General and Administrative Expenses: General and administrative expenses were \$31.4 million for the first quarter of 2024, compared to \$22.9 million for the first quarter of 2023. The increase in general and administrative expenses was due to an increase in salaries and wages of \$3.9 million and increases in software and depreciation expenses.
- Net Loss: Net loss was \$91.4 million for the first quarter of 2024, compared to a net loss of \$65.3 million for the first quarter of 2023. Net Cash: Net cash used in operating activities was \$102.3 million for the first quarter of 2024, compared to net cash used in operating activities of \$73.3 million for the first quarter of 2023. The increase in net cash used in operating activities compared to the same period last year was due to higher operating costs incurred for research and development and general
- and administrative due to Recursion's expansion and upgraded capabilities. Net cash used in operating activities was \$74.1 million for the fourth quarter of 2023. The increase in net cash used compared to the fourth quarter of 2023 was due to paying our annual cash bonuses to employees of \$18.0 million, timing

of accrual payments of \$6.4 million and a lease deposit prepayment for our BioHive-2 supercomputer of \$1.6 million.

About Recursion

Recursion is a clinical stage TechBio company leading the space by decoding biology to industrialize drug discovery. Enabling its mission is the Recursion OS, a platform built across diverse technologies that continuously expands one of the world's largest proprietary biological, chemical and patient-centric datasets. Recursion leverages sophisticated machine-learning algorithms to distill from its dataset a collection of trillions of searchable relationships across biology and chemistry unconstrained by human bias. By commanding massive experimental scale — up to millions of wet lab experiments weekly — and massive computational scale — owning and operating one of the most powerful supercomputers in the world, Recursion is uniting technology, biology, chemistry and patient-centric data to advance the future of medicine.

Recursion is headquartered in Salt Lake City, where it is a founding member of BioHive, the Utah life sciences industry collective. Recursion also has offices in Toronto, Montréal and the San Francisco Bay Area. Learn more at www.Recursion.com, or connect on X (formerly Twitter) and LinkedIn.

Media Contact

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Investor Contact Investor@Recursion.com

Recursion Pharmaceuticals, Inc. Condensed Consolidated Statements of Operations and Comprehensive Loss (unaudited) (in thousands, except share and per share amounts)

	Three months ended March 31,			
	 2024	2023		
Revenue				
Operating revenue	\$ 13,491 \$	12,134		
Grant revenue	303	-		
Total revenue	13,794	12,134		
Operating costs and expenses				
Cost of revenue	11,166	12,448		
Research and development	67,560	46,677		
General and administrative	31,408	22,874		
Total operating costs and expenses	110,134	81,999		
Loss from operations	(96,340)	(69,865)		
Other income, net	4,188	4,538		
Loss before income tax benefit	\$ (92,152) \$	(65,327)		
Income tax benefit	\$ 779 \$	_		
Net loss and comprehensive loss	\$ (91,373) \$	(65,327)		
Per share data				
Net loss per share of Class A, B and Exchangeable common stock, basic and diluted	\$ (0.39) \$	(0.35)		
Weighted-average shares (Class A, B and Exchangeable) outstanding, basic and diluted	236,019,349	173,435,970		

Recursion Pharmaceuticals, Inc. Condensed Consolidated Balance Sheets (unaudited) *(in thousands)*

	 March 31,	December 31,
	 2024	2023
Assets		
Current assets		
Cash and cash equivalents	\$ 296,326 \$	391,565
Restricted cash	3,195	3,231
Other receivables	2,599	3,094
Other current assets	41,495	40,247
Total current assets	343,615	438,137
Restricted cash, non-current	6,629	6,629
Property and equipment, net	86,716	86,510
Operating lease right-of-use assets	35,501	33,663
Intangible assets, net	33,076	36,443
Goodwill	52,056	52,056
Other assets, non-current	254	261
Total assets	\$ 557,847 \$	653,699
Liabilities and stockholders' equity		
Current liabilities		
Accounts payable	\$ 5,115 \$	3,953
Accrued expenses and other liabilities	26,070	46,635
Unearned revenue	36,618	36,426
Notes payable	55	41
Operating lease liabilities	6,062	6,116
Total current liabilities	73,920	93,171
Unearned revenue, non-current	37,391	51,238
Notes payable, non-current	1,071	1,101
Operating lease liabilities, non-current	43,786	43,414
Deferred tax liabilities	528	1,339
Total liabilities	156,696	190,263
Commitments and contingencies		
Stockholders' equity		
Common stock (Class A, B and Exchangeable)	2	2
Additional paid-in capital	1,460,144	1,431,056
Accumulated deficit	(1,058,995)	(967,622)
Total stockholders' equity	401,151	463,436
Total liabilities and stockholders' equity	\$ 557,847 \$	653,699

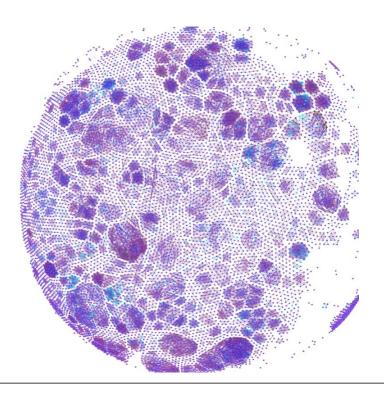
Forward-Looking Statements

This document contains information that includes or is based upon "forward-looking statements" within the meaning of the Securities Litigation Reform Act of 1995, including, without limitation, those regarding expectations related to early and late stage discovery, preclinical, and clinical programs, including timelines for enrollment in studies, data readouts, and progression toward INDenabling studies; developments with Recursion OS and other technologies, including construction of foundation models and augmentation of our dataset; developments of our transcriptomics technology, including the timing of development of a whole-genome knockout transcripts map; expectations and developments with respect to licenses and collaborations, including option exercises by partners and additional partnerships; expected ranking of our BioHive supercomputer on the TOP500 list; prospective products and their potential future indications and market opportunities; expectations for business and financial plans and performance, including cash runway; outcomes and benefits expected from the Helix partnership, including the development of causal AI models and biomarker and patient stratification strategies; Recursion's plan to maintain a leadership position in data generation and aggregation; and all other statements that are not historical facts. Forward-looking statements are subject to known or unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such statements, including the timing and results of preclinical and clinical programs, where the risk of failure is high and failure can occur at any stage prior to or after regulatory approval due to lack of sufficient efficacy, safety considerations, or other factors; our ability to obtain regulatory approval of, and ultimately commercialize, drug candidates; our ability to obtain, maintain, and enforce intellectual property protections; cyberattacks or other risks and uncertainties and other corporate purposes; th



Decoding Biology To Radically Improve Lives

May 2024



Disclaimers

This presentation and any accompanying discussion and documents contain information that includes or is based upon "forward-looking statements" within the meaning of the Securities Litigation Reform Act of 1995. These forward-looking statements are based on our current expectations, estimates and projections about our industry and our company, management's beliefs and certain assumptions we have made. The words "plan," "anticipate," "continue," "estimate," "expect," "intend," "may," "will" and similar expressions are intended to identify forward-looking statements. Forward-looking statements made in this presentation include the occurrence or realization of any near- or medium-term potential milestones; the initiation, timing, progress, results, and cost of our research and development programs and our current and future preclinical and clinical studies, including timelines for enrollment in studies, data readouts, and progression toward IND-enabling studies; outcomes and benefits expected from the Tempus partnership, including our ability to leverage the datasets acquired partnerships, and the ability to house tools on the BioNeMO Marketplace; outcomes and benefits expected from the Tempus partnership, including our ability to leverage the datasets acquired partnerships, and the ability to for any data and tools available to third parties; advancements of our Recursion OS, including augmentation of our dataset; outcomes and benefits expected from the Helix partnerships and making data and tools available to third parties; advancements of our Recursion OS, including augmentation of our dataset; outcomes and benefits expected from the Large Language Model-Orchestrated Workflow Engine (LOWE); our ability to identify viable new drug candidates for clinical development and the accelerating rate at which we expect to identify such candidates; our expectation that the assets that will drive the most value for us are those that we will identify in the future using our datasets and tools, and many others. Forward-looki

Certain information contained in this presentation relates to or is based on studies, publications, surveys and other data obtained from third-party sources and the company's own internal estimates and research. While the company believes these third-party sources to be reliable as of the date of this presentation, it has not independently verified, and makes no representation as to the adequacy, fairness, accuracy or completeness of, any information obtained from third-party sources. In addition, all of the market data included in this presentation involves a number of assumptions and limitations, and there can be no guarantee as to the accuracy or reliability of such assumptions. Finally, while the company believes its own internal research is reliable, such research has not been verified by any independent source. Information contained in, or that can be accessed through our website (including the company's ESG report referenced herein) is not a part of and is not incorporated into this presentation.

Cross-trial or cross-candidate comparisons against other clinical trials and other drug candidates are not based on head-to-head studies and are presented for informational purposes; comparisons are based on publicly available information for other clinical trials and other drug candidates.

Any non-Recursion logos or trademarks included herein are the property of the owners thereof and are used for reference purposes only.

Recursion Poised to Hit TechBio Escape Velocity from Competition

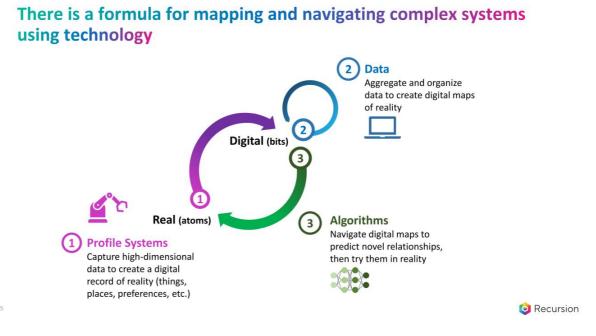
• **Pipeline:** We believe we are the 1st TechBio company to create a flywheel of programs and rapid cadence of potential pivotal trial readouts

- CCM Ph2 readout expected in Q3 2024
- NF2 Ph2 safety & prelim efficacy expected Q4 2024
- FAP Ph2 safety & prelim efficacy expected H1 2025
- AXIN1 or APC mutant cancers Ph2 safety & prelim efficacy expected H1 2025
- C. difficile Infection Ph2 initiation expected in 2024
- RBM39 in HR-proficient cancers IND expected in H2 2024
- Target Epsilon progressing through IND-enabling studies
- · First of our oncology programs optioned by Roche & Genentech
- Dozens of Internal & Partner Programs in early stages
- Business: We believe we have the data, compute, and talent to lead the inevitable shift in the pace and scale of discovery and development
- Trademarks are the property of their respective owners and used for informational purposes (

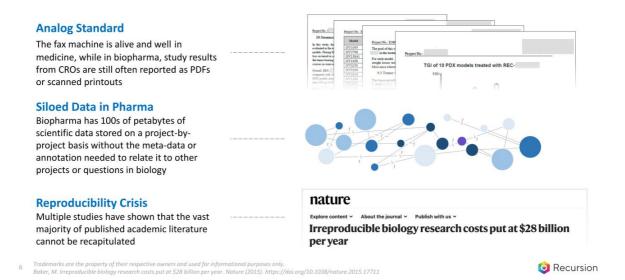
- Partnerships: We believe we are the 1st TechBio company to sign and execute against industry-leading deals in Bio and Tech
 - Roche & Genentech: pioneering collaboration, validation program option exercised for first validated hit series in oncology, potential near-term program & map options
 - Bayer: significant deal value, focused on undruggable oncology, potential near-term program options
 - Tempus: potential novel NSCLC targets identified within weeks of partnering, potential for large-scale causal AI models to generate target hypotheses across cancer in the near term
 - NVIDIA: \$50M equity investment as of today, deploying what is likely the fastest wholly owned supercomputer in biopharma, first to host foundation models on NVIDIA's BioNeMo platform
 - Helix: access to hundreds of thousands of de-identified records, including Helix's Exome+(R) genomics & longitudinal health data, to train causal AI models and design biomarker & patient stratification strategies across broad disease areas

Helix

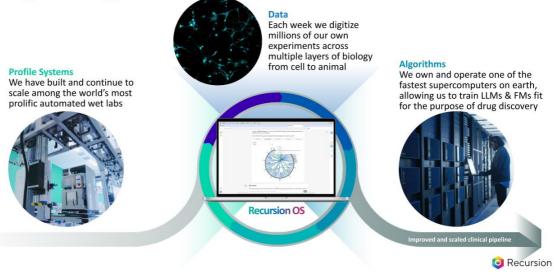




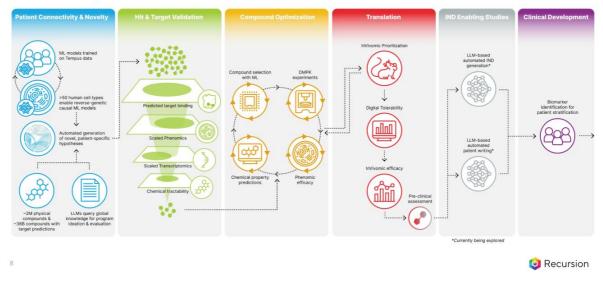
Data roadblocks make mapping and navigating biology difficult



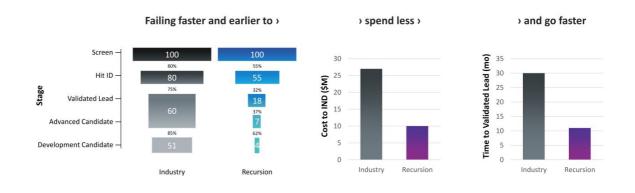
We are building and aggregating purpose-built datasets to map and navigate biology



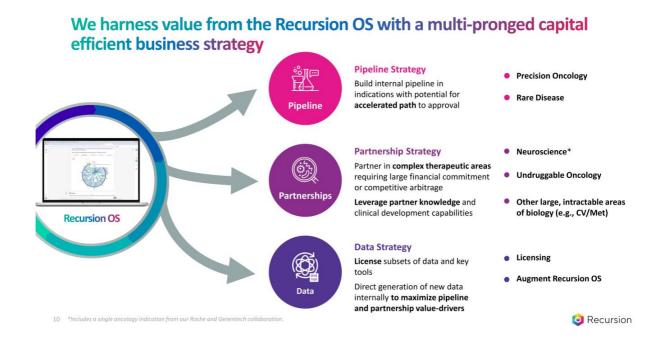
The Recursion OS combines many tools to industrialize drug discovery

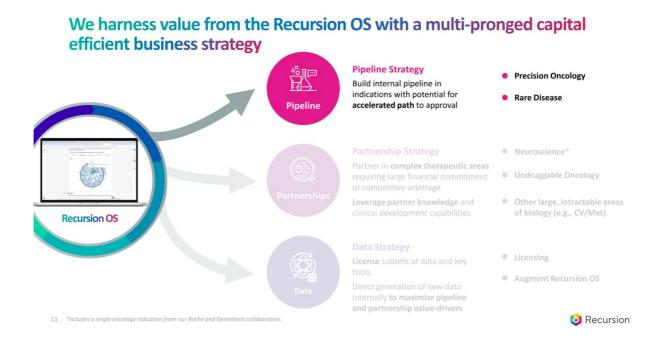


The Recursion OS maps and navigates biology to shift drug discovery from bespoke science to scaled engineering



We believe that, compared to industry overages, our approach enables us to: (i) identify low-viability programs earlier in the research cycle, (i) spend less per program and (iii) rapidly 9 advance program to a validated lead candidate. All industry data has been adapted from Paul, et al. Nature Reviews Drug Discovery. (2010) 9, 203–214. The cost to IND has been inflationadjusted using the US Consumer Price Indus (CPU) through 2023. The Recursion data shown for the transition stages and time to validated et al. It the average of all Recursion programs since late 2017 through 2023. The Recursion data shown for cost to IND pertains to the actual and projected costs for a novel chemical entity to reach IND.



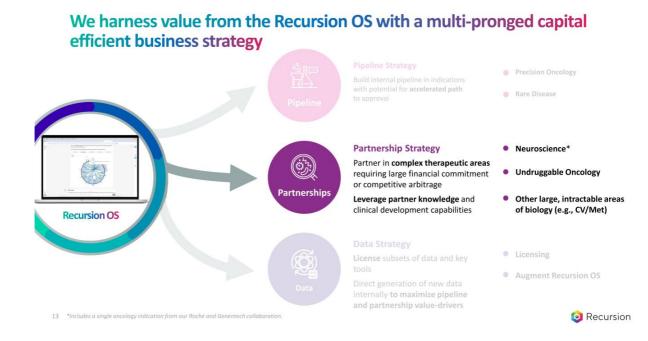


Our pipeline reflects the scale and breadth of our approach

	Program	Indication	Target	Patient Population	Preclinical	Phase 1	Phase 2	Phase 3	Near-Term Milestones
	REC-994	Cerebral Cavernous Malformation	Superoxide	~ 360K1	SYCAMORE				Topline readout in Q3 2024
ler	REC-2282	Neurofibromatosis Type 2	HDAC	~ 33K ²	POPLAR				 Preliminary data readout in Q4 2024
e & Other	REC-4881	Familial Adenomatous Polyposis	МЕК	~ 50K ³	TUPELO				 Preliminary data readout in H1 2025
Rare	REC-3964	Clostridioides difficile Infection	TcdB	~730K					Phase 2 initiation
	Epsilon	Fibrotic Diseases	Undisclosed	~ 50K ^{4,5,6}					IND submission
logy	REC-4881	Advanced AXIN1/APC-mutant Cancers	MEK	~ 104K ⁷	LILAC				 Preliminary data readout in H1 2025
Oncology	RBM39	Advanced HR-Proficient Cancers	RBM39	~ 220K ⁸					 IND submission Phase 1 initiation

More than a dozen discovery and research programs in oncology or with our partners – first program optioned by Roche-Genentech in Gl-oncology

All populations defined above are US and EUS incidence unless otherwise noted. EUS is defined as France, Germany, Italy, Spain, and UK. (1) Prevalence for hereditary and sporadic symptomatic population. (2) Annual US and EUS incidence for all NF2-driven meningiomas. (3) Prevalence for adult and pediatric population. (4) Our program has the potential to address several indications. (5) We have not finalized a target product profile for a specific indication. (6) Incidence for US only. (7) 2L+ drug-treatable population. (8) 2L+ drug-treatable population comprising ovarian, prostate, breast, and pancreatic cancers.



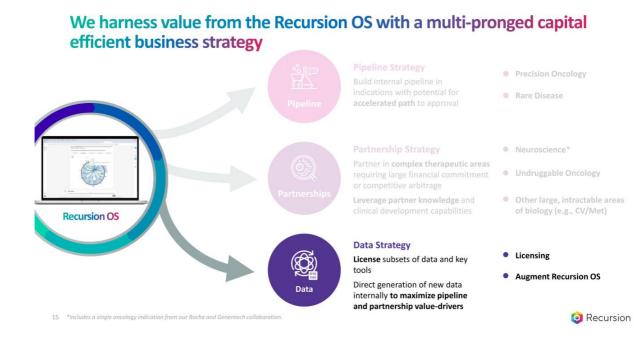
Exciting scientific collaborations span biopharma, tech & data

Therapeutic discovery

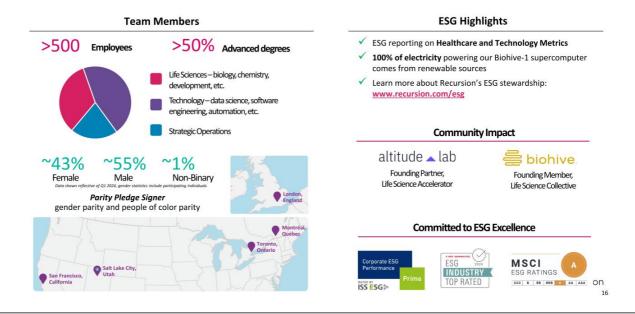
Platform, Technology and Data

euroscie	TCE and a single oncology indication	Computation and ML/AI				
Roche Genentech Athete of de Roke Gener Announced	 \$150M upfront and up to or exceeding \$500M in research milestones and data usage options In addition, up to or exceeding \$300M in possible program milestones for up to 40 programs 	 \$50M equity investment Partnership on advanced computation (e.g., foundation model development) Priority access to compute hardware or DGXCloud Resources Phenom-Beta, a phenomics-based foundation model from Recursion, now available on NVIDIA's BioNeMo platform 				
Dec 2021		Real-world data access				
	 Mid to high single-digit tiered royalties on net sales 	Preferential access to >20 PBs of real-world, multi-modal oncology data, including DNA & RNA sequencing and clinical outcome data for >100,000 patient Announced New 2023 Ability to train causal AI models with utility in target discovery, biomarker				
ndruggable oncology targets		Nov 2023 development & patient selection • Opportunity to accelerate clinical trial enrolment through broad clinical network				
BAYER	\$30M upfront and \$50M equity investment Increased per program milestones which may	Access to hundreds of thousands of de-identified records, including Helix's Exome+(R) genomics & longitudinal health data, to train causal AI models and design biomarker & patient stratification strategies across broad disease areas				
Announced Sep 2020	be up to \$1.5B in aggregate for up to 7 oncology programs	Cheminformatics and chemical synthesis				
Significant Update Announced Nov 2023	 Mid single-digit royalties on net sales Recursion owns all algorithmic improvements 	Utilizes Recursion's predicted protein-ligand interactions for ~36B compounds from Enamine's REAL Library Aim to generate enriched screening libraries & co-brand customer offerings				

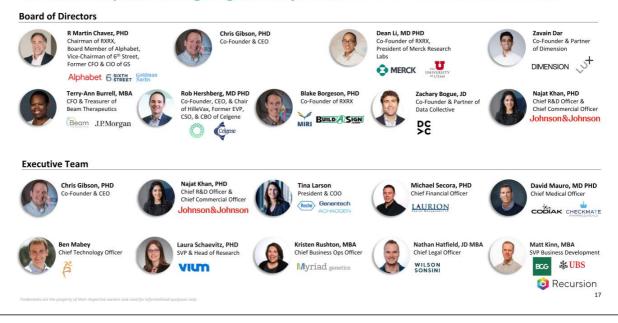
🧿 Recursion



What it takes to make this happen - a new kind of team and culture



Our leadership team brings together experience & innovation to lead TechBio



What to Watch for from Recursion: Potential Near-Term Milestones

- Expected Ph2 readouts for AI-discovered programs
 - CCM readout expected in Q3 2024
 - NF2 safety & prelim efficacy expected Q4 2024
 - FAP safety & prelim efficacy expected H1 2025
 - AXIN1 or APC mutant cancers safety & prelim efficacy expected H1 2025
- Additional Ph2 trial starts
 - Ph2 FPI for AXIN1 or APC mutant cancers program achieved in Q1 2024
 - Part 2 FPI for FAP program achieved in Q2 2024
 - Ph2 initiation for *C. difficile* Infection program expected in 2024
- Potential for additional INDs

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- HR-proficient cancers RBM39 in H2 2024
- In-licensed program from Bayer (Target Epsilon) for a novel target in fibrotic diseases progressing through IND-enabling studies

- Potential for option exercises for map building initiatives and partnership programs
- Potential for additional partnership(s) in large, intractable areas of biology (CV/Met)
- Potential to make some data and tools available to biopharma and commercial users
- Recursion OS moves towards autonomous discovery

Strong Financial Position ~\$296M in cash Q1 2024

Cash refers to cash and cash equivalents at the end of Q1 2024

🗿 Recursion



TechBio Origins: Point Solutions

Most BioTech companies have built a point solution - they've developed a tool, process, model or analysis to accomplish an important step in drug discovery.

This is how we started too.

But discovering and developing medicines requires hundreds of steps...

Cell Painting, a high-content image-based assay for morphological profiling using multiplexed fluorescent dyes

Mark-Anthony Bray¹, Shantanu Singh¹, Han Han², Chadwick T Davis², Blake Borgeson², Cathy Hartland³, Maria Kost-Alimova³, Sigrun M Gustafsdottir³, Christopher C Gibson² & Anne E Carpenter¹

¹Imaging Flatform, Broad Institute of Herrord and MIT, Cambridge Manachustru, USA, ²Recursion Pharmacenticals, Shi Lalo Car, Utah, USA, ²Contor for the Science of Therapeuton, Broad Busittet of Herrard and MIT, Cambridge, Manachustru, USA, Carrospondence should be address to CCG. 1 (ching Sport Neurosing Pharmacent) and A.E.C. (2016) Constantiation for application of the Science of th

Published online 25 August 2016: doi:10.1038/poort 2016.105

Patihote onione 7A Juqua 2016: edited: 1018/paper.2816.155 In morphological, porfiling, spuntitative data are extracted from microscopy images of cells to identify biologically relevan generatives and differences among samples hared on these porfiles. This protocal describes the design and execution of experiments union (Gel linisiting, which is a nonphological porfiling assay that multiployes is file demorscent dyes, imaged in channels, to reveal eight homoly velevant cellular components or organeties. Cells are plated in multively plates, partupes identifies individual cells and massures -1,500 morphological features (carlous measures of size, shape, testure, internet) is on 1 to produce archito prefile that the suitable for the detection of subtle penetypes. Profiles of cell populations treated different experimental perturbations can be compared to suit many goals, such as identifying is plateures of disea Cell culture and image acquisition takes 2 weeks; feature extraction and data analysis take as additional 1-2 weeks.

eserved.

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INTRODUCTION Phenotypic screening has been tremendously powerful for identifying novel small molecules as probes and potential thera-processer³¹. High-throughput microscopy has been a particu-hyf furiid type of phenotypic screening it is obten allow the stress section of the stress section of the stress content analysis because of the high information content that in miges? However, most targe-scale intervention of the stress section of a none generalizable and beology of intervents of quantitative data about collutar state remain that wat quants of quantitative data about collutar state remain that wat quants of quantitative data about collutar state remain that wat quants is to phenotypic screening in a potential there is to phenotypic screening in a phenotypic screening in a phenotypic screening is a potential to this arches well deviation about collutar states is to phenotypic screening in a phenotypic screening in a phenotypic screening is a phenotypic screening in the subal phenotypic screening in the screening phenotypic screening in the screening phenotypic screening in a phenotypic screening in the screening phenotypic screening in a phenotypic screening in the screening phenotyp

discuss morphological profiling (also l filing), contrast it with conventional

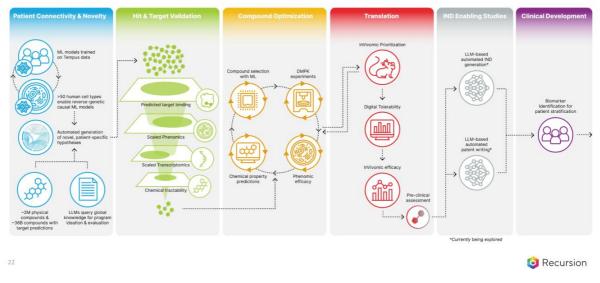
PROTOCOL

As these point solutions evolve they increase in complexity and scale

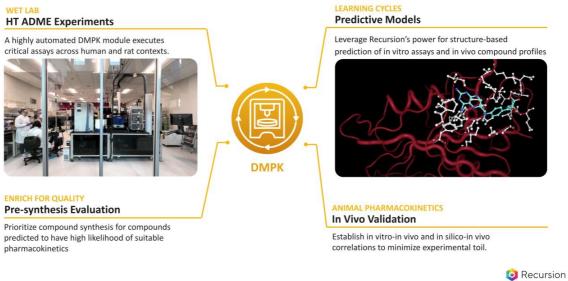
FOUNDATION MODELS AUTOMATION Phenom-1 **High-throughput screening** Models trained on a library of >2 billion images and Our highly automated wet-labs systematically hundreds of millions of parameters learn to extract capture images of human cells in response to biologically meaningful signals perturbations (>250M phenotypic experiments) 18-14-14 18-14-14 Up to A **2.2M experiments** conducted every week DIGITIZATION **PROFILING SYSTEMS** Maps of Biology & Chemistry **Diverse biological and chemical inputs Phenomics** We manipulate human cells with CRISPR/Cas9-Models infer relationships between all possible mediated gene knockouts, compounds, and other combinations of genes and compounds, recapitulating known biology and revealing novel insights reagents >50 human cell types >6 trillion relationships ~2M physical compounds across multiple biological and chemical contexts >1M transcriptomes sequenced

1

To truly industrialize drug discovery, point solutions must be integrated as modules across many diverse steps

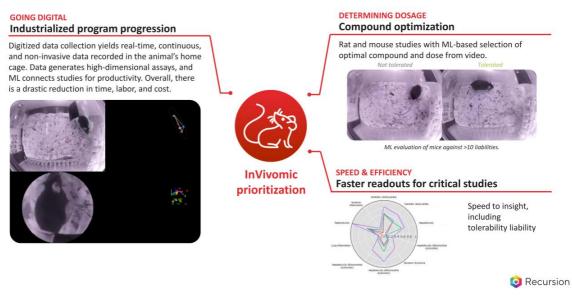


Each module is complex, and we continuously improve them

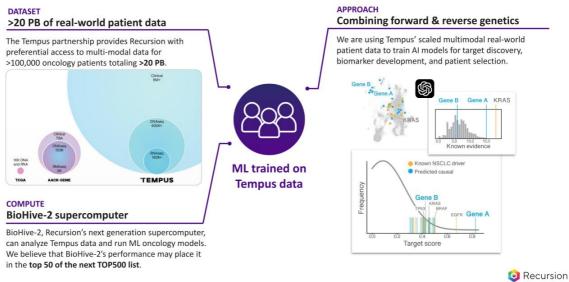


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Utilizing each module requires specialized teams and expertise



We continuously add new modules to improve the Recursion OS



The result is a palette of ever-evolving sophisticated modules



We use different modules for different tasks: Find NCE for known target

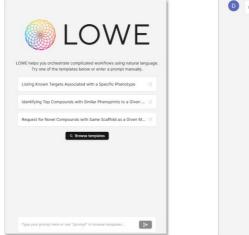


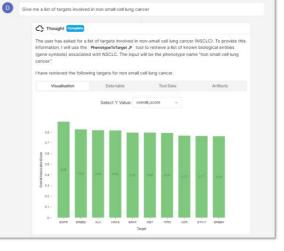
We use different modules for different tasks: Find novel target & drug it





LOWE puts the power of the Recursion OS your fingertips via natural language without any coding expertise required

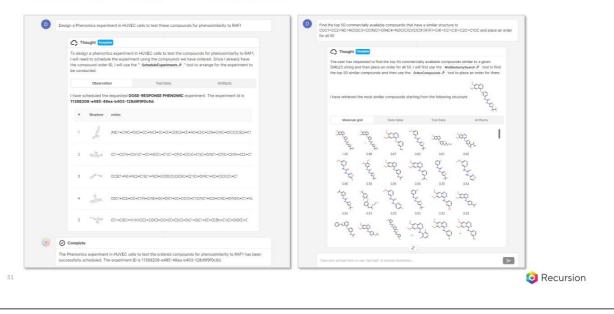




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(2) Recursion

LOWE puts the power of the Recursion OS your fingertips via natural language without any coding expertise required



The Recursion OS is now more than a collection of point solutions accessible to expert users

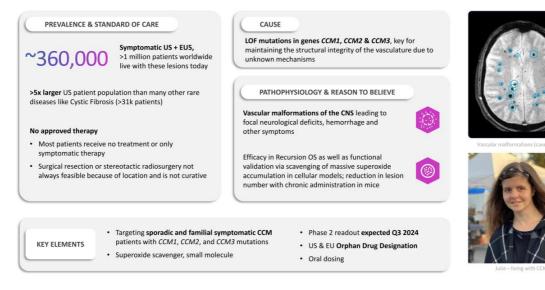
 \ldots it is increasingly integrated and accessible via a $\ensuremath{\text{Discovery User Interface}}$ that

can be used by any of our scientists from the comfort of their laptop...

(2) Recursion

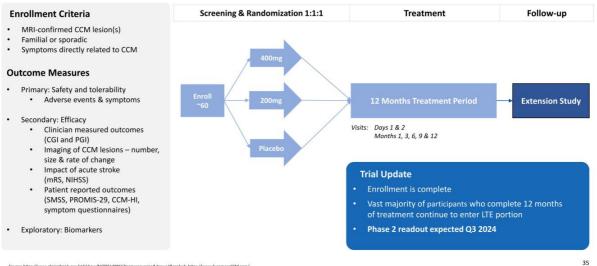


Clinical: CCM SYCAMORE Clinical Trial : REC-994 for CCM Phase 2 Fully Enrolled



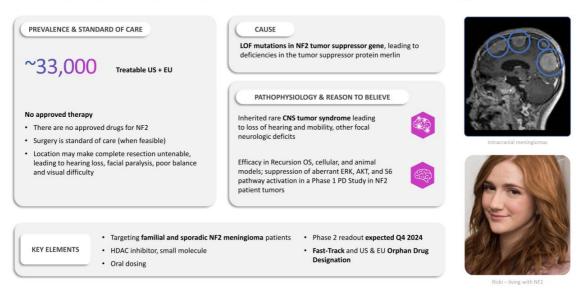
SYCAMORE Clinical Trial : REC-994 for CCM Phase 2 Fully Enrolled

Phase 2 trial initiated in Q1 2022



iource: https://www.clinicaltrials.gov/ct2/show/NCT05130866?term=recursion&draw=2&rank=3; https://www.SycamoreCCM.com/

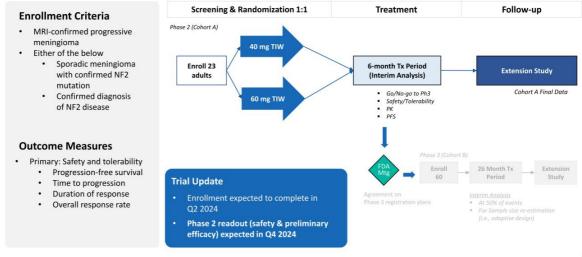
POPLAR Clinical Trial : REC-2282 for NF2 Phase 2 Underway



POPLAR Clinical Trial : REC-2282 for NF2 Phase 2 Underway

Phase 2/3 trial initiated in Q2 2022

https://clinicaltrials.gov/ct2/show/NCT05130866





Clinical: FAP TUPELO Clinical Trial : REC-4881 for FAP Phase 1b/2 Underway

Description of the service of the se	PATHOPHYSIOLOGY & REASON TO BELIEVE Polyps throughout the GI tract with extremely high risk of malignant transformation Efficacy in the Recursion OS showed specific MEK 1/2 inhibitors had an effect in context of APC LOF. Subsequent APC ^{min} mouse model showed potent reduction in polyps and dysplastic adenomas	
Targeting classical FAP patients (v KEY ELEMENTS MEK inhibitor, small molecule	 FPI for Part 2 achieved in Q2 2024 Fast-Track and US & EU Orphan Drug Designation 	



Clinical: FAP TUPELO Clinical Trial : REC-4881 for FAP Phase 1b/2 Underway

Part 2 Enrollment Commenced

Enrollment Criteria

- Confirmed APC mutation
- ≥ 55 years old
- Post-colectomy/proctocolectomy
- No cancer present
- Polyps in either duodenum (including ampulla of vater) or rectum/pouch

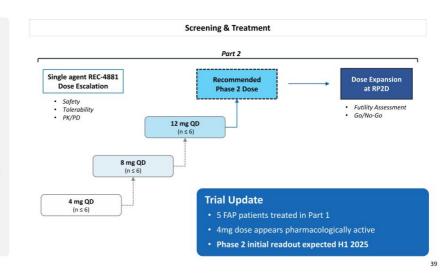
Outcome Measures

- Primary:
 - Safety & Tolerability
 Change from baseline in polyp burden at 12 weeks
 - RP2D

/NCT05552755

- Secondary:
 - PK/PD

als.gov/ct2/s

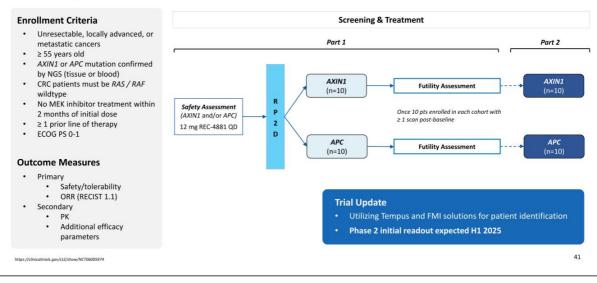


Clinical: AXIN1 or APC LILAC Clinical Trial : REC-4881 for AXIN1 or APC mutant cancers Phase 2

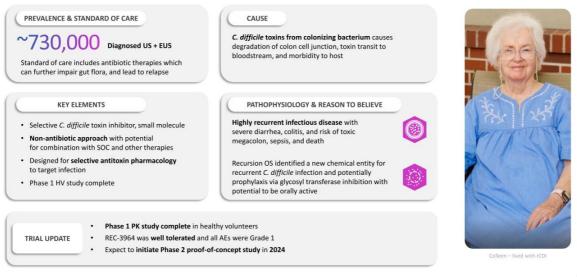
PREVALENCE & STANDARD OF CARE ~104,000 Treatable US + EU5	CAUSE LOF mutations in AXIN1 or APC tumor suppressor g	enes	S. C.
Substantial need for developing therapeutics for patients harboring mutations in AXIN1 or APC, as these mutations are considered undruggable To our knowledge, REC-4881 is the only industry sponsored small molecule therapeutic designed to enroll solid tumor patients harboring mutations in AXIN1 or APC	PATHOPHYSIOLOGY & REASON TO BELIEVE Alterations in the WNT pathway are found in a wide variety of tumors and confer poor prognosis and resistance to standard of care Efficacy in the Recursion OS and favorable results in PDX models harboring <i>AXIN1</i> or <i>APC</i> mutations vs wild-type leading to a significant PFS benefit in HCC and Ovarian tumors		
• Targeting AXIN1 or APC mutant car • MEK inhibitor, small molecule • Oral dosing	 Phase 2 initiated late 2023 FPI achieved Q1 2024 Initial readout expected H1 2025 		Gross morphology of HCC

Clinical: AXIN1 or APC LILAC Clinical Trial : REC-4881 for AXIN1 or APC mutant cancers Phase 2

FPI achieved Q1 2024



Clinical: C. difficile Clinical Trial : REC-3964 for C. difficile Phase 1 Study Complete



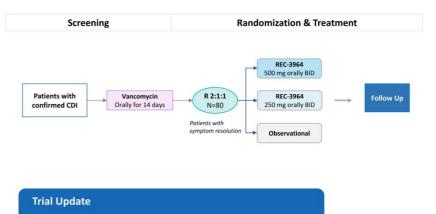
Clinical: C. Difficile Planned Proof of Concept Phase 2 Design

Enrollment Criteria

- High-risk of CDI
- ≥3 bowel movements in 24 hours
- Confirm CDI using EIA (toxin)
- No fulminant CDI
- No history of chronic
- diarrheal illness due to other causes

Outcome Measures

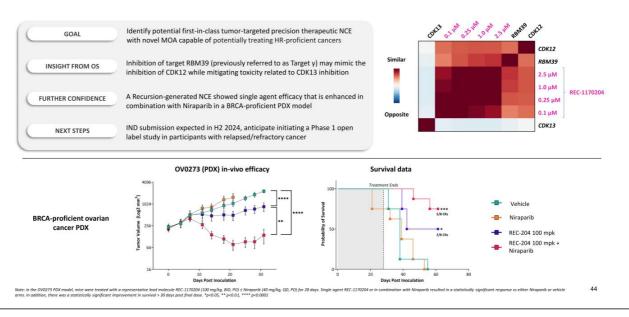
- Primary
- Rate of recurrenceSecondary
- Additional efficacy
 - measures
 - Safety / tolerability
 - PK



- NHV DDI study will precede initiation of Phase 2 POC
- Study designed to rapidly demonstrate proof of concept
- Phase 2 initiation expected in 2024

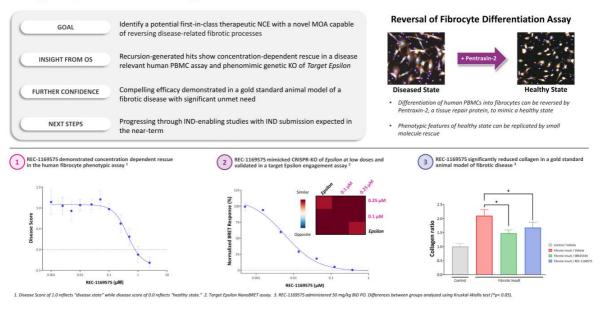
Preclinical: RBM39

RBM39: Advanced HR-Proficient Cancers



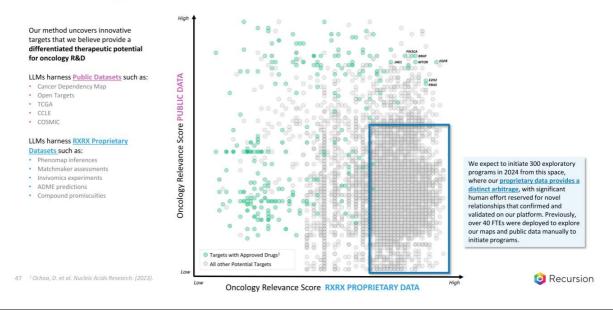
Preclinical: Undisclosed Indication in Fibrosis

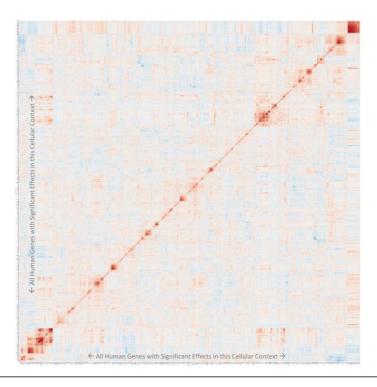
Target Epsilon: Novel Approach for Fibrotic Diseases





New programs are initiated automatically by LLMs tuned to act on Recursion data arbitrage





Genome-scale mapping

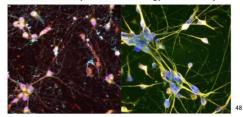
This is a **whole-genome arrayed CRISPR knock-out Map** generated in primary human endothelial cells

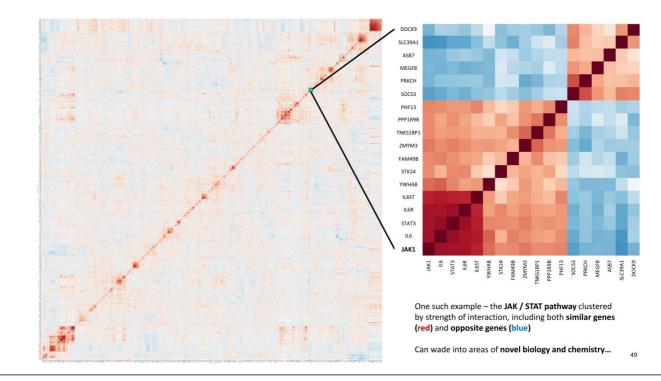
Every gene is represented in a pairwise way (each is present in columns and rows)

Dark Red indicates phenotypic similarity according to our neural networks while Dark Blue indicates phenotypic antisimilarity (which in our experience often suggests negative regulation)

We can add the phenotypes of hundreds of thousands of small molecules at multiple doses and query and interact with these maps using a web application

Thousands of examples of known biology and chemistry





COVID-19 research: Recursion OS correctly predicted 9 of 10 clinical trials

Drug	Prediction	Correct?	
Hydroxychloroquine	Negative	\checkmark	
Lopinavir	Negative	✓	
Ritonavir	Negative	\checkmark	
Remdesivir	Positive	\checkmark	
Baricitinib	Positive	\checkmark	
Tofacitinib	Positive	\checkmark	
Fostamatinib	Positive	\checkmark	
Ivermectin*	Negative	\checkmark	
Fluvoxamine	Negative	\checkmark	
Dexamethasone	Negative	x	

* Recursion did not screen ivermectin but did screen the related compounds selamectin and doramectin. Both of these tested negative, consequently, ivermectin was not expected to have efficacy. Fostamatinib recently read out positive Ph3 results in COVID but was discontinued in ACTIV-4. Hists/Iwenk borvia var/content/10.1107/200.04.21.05487V1

- Recursion conducted several Al-enabled experiments in
 April 2020 to investigate therapeutic potential for COVID-19
- Included FDA-approved drugs, EMA-approved drugs, and compounds in late-stage clinical trials for the modulation of the effect of SARS-CoV-2 on human cells
- Experiments were compiled into the RxRx19 dataset (860+ GB of data) and made publicly available to accelerate the development of methods and pandemic treatments.

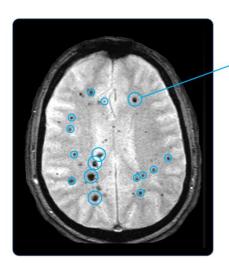


Lopinavir-ritonavir in patients admitted to hospital with COVID-19 (RECOVERY): a randomised, controlled, open-label, platform trial

REC-994 for the Treatment of Symptomatic Cerebral Cavernous Malformations (CCM)

Target / MOA	Superoxide Scavenger
Molecule Type	Small Molecule
Lead Indication(s)	Cerebral Cavernous Malformations
Status	Phase 2
Designation(s)	US & EU Orphan Drug
Source of Insight	Recursion OS

Clinical: CCM Disease Overview : Cerebral Cavernous Malformations (CCM)



Description

.

- Large unmet need for a novel nonsurgical treatment
- Vascular malformations (cavernomas) in the brain and spinal cord
- High-risk for hemorrhage creates "ticking time bomb"
 Progressive increase in CCM size and number over time in those with familial
- disease
- Debilitating symptoms, including intractable seizure, intracerebral hemorrhage, focal neurological deficits

"Historically, cavernomas have been managed primarily with observation, surgical resection, and occasionally radiotherapy. However, for a number of reasons, many patients with cavernomas must endure a life with neurologic symptoms"

- Ryan Kellogg, MD, Investigator at the University of Virginia

Clinical: CCM Disease Overview : Cerebral Cavernous Malformations (CCM)

Patient Population – Large and Diagnosable

• >1 million patients worldwide live with these lesions today

- Caused by loss of function mutation in one of three genes: CCM1 (60%), CCM2 (20%), and CCM3 (20%)
- Inherited autosomal dominant mutation in 30-40%; or sporadic
- US symptomatic population is more than 5 times larger than other rare diseases like Cystic Fibrosis (>31k patients) and Spinal Muscular Atrophy (>33k patients)

No Approved Medical Therapy

No approved drugs for CCM

.

- Most patients receive no treatment or only symptomatic therapy
- Surgical resection or stereotactic radiosurgery not always feasible because of location of lesion and is not curative

~360,000

Symptomatic US + EU5 patients

Source: Appinne Allinere; Fierming ED, et al. Population-Based Perocheror of Cerchard Commons Melformation in DOM: Adult: Moyo Ciric Stauke of Aging, JAMA Neurol 2017 Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.0187.PMD. D4823332, PMCD: PMCS617461 ; Spieger's et al. Cerchard Commons Melformations in DOM: Adult: Adult: Moyo Ciric Stauke 2017 Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.D187.PMD. D4823321, PMCD: PMCS617461 ; Spieger's et al. Cerchard Common Melformations in DOM: Adult: Moyo Ciric Stauke 2017 Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.D187.PMD. D4823321, PMCD: PMCS617461 ; Spieger's et al. Cerchard Common Melformations in DOM: Adult: Moyo Ciric Stauke 2017 Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.D187.PMD. D4823321, PMCD: PMCS617461 ; Spieger's et al. Cerchard Common Melformations in DOM: Adult: Adult: Moyo Ciric Stauke 2018 Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.D187.PMD. D4823321, PMCD: PMCS617461 ; Spieger's et al. Cerchard Common Melformations in DOM: Adult: Adult: Moyo Ciric Stauke 2018 Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.D187.PMD. D4823321, PMCD: PMCS617461 ; Spieger's et al. Cerchard Common Melformations in DOM: Adult: Adult: Moyo Ciric Stauke 2018 Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.Jul 1,74(7) 881-893. doi: 10.1003/jonnamus.l2017.Jul 1,74(7) 881-885. doi: 10.1003/jonnamus.l2017.Jul 1,74(7) 881-893. doi: 10

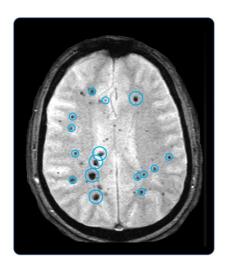
Recursion

Clinical: CCM Disease Overview : CCM is an Under-Appreciated Orphan Disease

Non-oncology Orphan Indication	Product	U.S. + EU5 Prevalence	
Cerebral cavernous malformation (CCM)	REC-994 (Recursion)	>1,800,000 (Symptomatic: ~360,000)	
Idiopathic pulmonary fibrosis (IPF)	Esbriet (pirfenidone)	>160,000	
Cystic fibrosis (CF)	VX-669/ VX-445 + Tezacaftor + Ivacaftor - Vertex	>55,000	
Spinal muscular atrophy (SMA)	SPINRAZA (nusinersen)	>65,000	

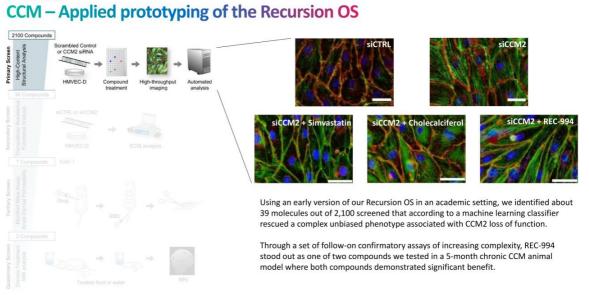
Sources: Angiona Alliance; Flemming KD, et al. Population-Based Prevalence of Cerebral Covernous Malformations in Older Adults: Maya Clinic Study of Aging, JAMA Neurol. 2017 Jul 1;24(7):803-805. doi: 10.1001/jamaneurol.2017.0439. PMID: 28495332; PMIDD: PMC5647665; Spiegler S, et al Cerebral Covernous Malformations: An Ulder advectore Development and Study of Aging, JAMA Neurol. 2017 Jul 1;24(7):803-805. doi: 10.1001/jamaneurol.2017.0439. PMID: 28495332; PMIDD: PMC5647665; Spiegler S, et al Cerebral Transform An Ulder advectore Development and Study a

Clinical: CCM Therapeutic Approach to Cerebral Cavernous Malformations (CCM)



Novel therapeutic approach

- Symptoms associated with both increased size of lesions, but also inflammation or activation of lesions within the immunoprivileged environment of the brain
- Lesions arise from the capillary bed and are not high-pressure (e.g., the lesion growth is unlikely to be primarily driven by the *law of Laplace*)
- The Recursion Vascular Stability Hypothesis:
 - Eliminating the lesions may <u>not</u> be required for significant patient benefit
 - Slowing or halting the growth of the lesions while mitigating lesion leakiness and endothelial cell activation to halt the feed-forward inflammatory reaction *may* mitigate some symptoms and be beneficial to patients



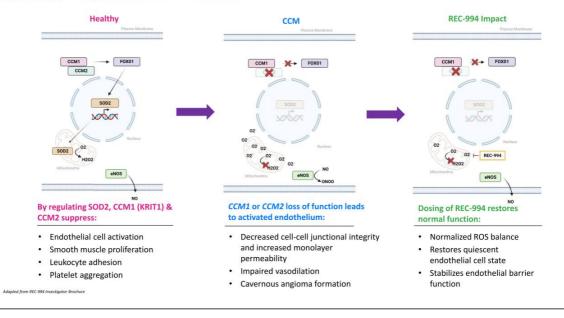
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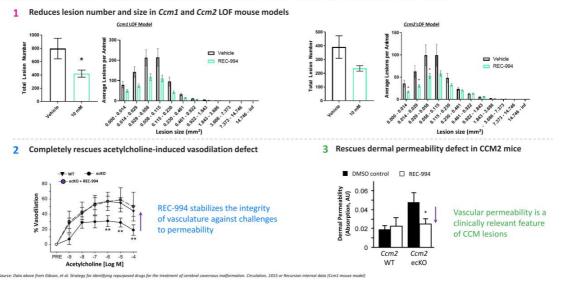
Clinical: CCM REC-994 – Mechanism of Action



Clinical: CCM

Further Confidence : Preclinical Studies Validate Insight

Preclinical Studies: REC-994 reduces lesion burden and ameliorates vascular defects in genetic mouse models of CCM



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Clinical: CCM Further Confidence : Clinical Studies Indicate Favorable Safety Profile

REC-994 Phase 1 Studies - well-tolerated with no dose-dependent adverse events in SAD and MAD

MAD Study	Placebo	50 mg	200 mg	400 mg	800 mg
Total Number of TEAEs	5	0	10	4	15
Total Subjects with ≥ one TEAE	4	0	3	3	4
Severity					
Mild	3	0	3	3	3
Moderate	1	0	0	0	1
Severe	0	0	0	0	0
Relationship to Study Drug					
None	3	0	0	2	1
Unlikely	1	0	1	1	2
Possibly	0	0	0	0	0
Likely	0	0	2	0	1
Definitely	0	0	0	0	0
Total Number of SAEs	0	0	0	0	0
Total Subject with ≥ one TEAE	0	0	0	0	0
Discontinued Study Drug Due to AE	0	0	0	0	0

iource: REC-894 for the Treatment of Symptomatic Cerebral Cavernous Malformation (CCM) Phase 1 SAD and MAD Study Results. Oral Presentation at Alliance to Cure Scientific Meeting. 2022 Nov 17

REC-994 for

Symptomatic Cerebral Cavernous Malformations (CCM)

Target Product Profile:



REC-994 for Cerebral Cavernous Malformations (CCM)

First-in-disease potential in CCM with a first-in-class orally bioavailable small molecule superoxide scavenger

Program Overview	 First therapeutic candidate advanced to an industry-sponsored Phase 2 trial (SYCAMORE) for CCM Partnered with leading KOLs at University of Rochester to develop a CCM PRO instrument for clinical trials Putative MOA decreases ROS and oxidative stress to rescue pathogenetic endothelial dysfunction
Clinical Updates	 Favorable safety and tolerability profile in Phase 1 dose-escalation with no DLTs and no SAEs Phase 2 trial fully accrued ahead of schedule in June 2023, enrolling 62 symptomatic CCM patients Vast majority of patients treated with REC-994 for ≥ 12 months continue to opt into LTE portion
Near-term Catalysts	 Phase 2 readout (safety, preliminary efficacy, pharmacokinetics) expected Q3 2024 Results from Phase 2 expected to inform defined registration path with guidance from FDA
Commercial Opportunity	 ~360,000 symptomatic CCM patients living in US and EU5 with no pharmacological agents approved Favorable competitive landscape with REC-994 2+ years ahead in development
IP & Exclusivity	 ODD in US and EU provides 7 and 10 years, respectively, of market exclusivity following approval Method of use patents provide protection until 2035 (excluding extensions)

REC-2282 for the Treatment of Progressive Neurofibromatosis Type 2 (NF2) Mutated Meningiomas

Target / MOA	HDAC Inhibitor
Molecule Type	Small Molecule
Lead Indication(s)	NF2 Mutated Meningiomas
Status	Phase 2/3
Designation(s)	Fast Track; US and EU Orphan Drug
Source of Insight	Recursion OS

Clinical: NF2 Disease Overview : Neurofibromatosis Type 2 (NF2)



Ricki – living with NF2

ource: https://rarediseases.org/rare-diseases/neurofibromatosis-2

Patient Population – Large and Diagnosable

- Rare autosomal dominant tumor syndrome resulting from biallelic inactivation of the NF2 gene which leads to deficiencies in the tumor suppressor protein merlin
- NF2 can be inherited or spontaneous (>50% of patients represent new mutations); up to 1/3 are mosaic
- CNS manifestations: meningiomas and vestibular schwannomas; mean age at presentation: ~20 years

No Approved Medical Therapy

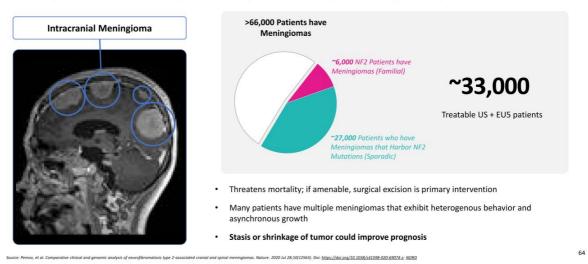
- No approved drugs for NF2
- Surgery is standard of care (when feasible)
- Location may make complete resection untenable, leading to hearing loss, facial paralysis, poor balance and visual difficulty

Clinical: NF2

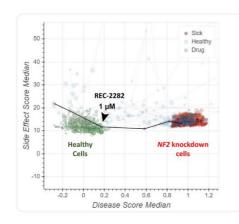
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Disease Overview : Neurofibromatosis Type 2 (NF2) Meningiomas

- · Most tumors are benign and slow growing but location in CNS leads to serious morbidity or mortality
 - Prognosis is adversely affected by early age at onset, a higher number of meningiomas and having a truncating mutation

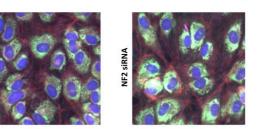


Clinical: NF2 Insight from OS : REC-2282 Rescued Loss of NF2



HUVEC, human umbilical vein endothelial cells; NF2, neurofibromatosis type 2; siRNA, small interfering RNA.

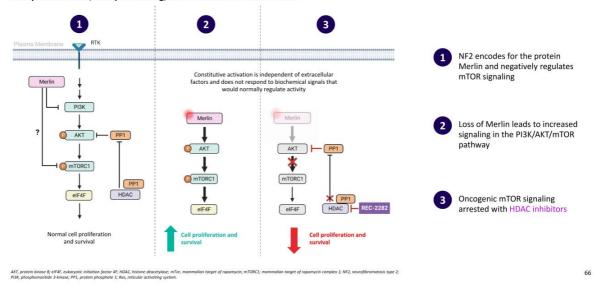
REC-2282 identified as rescuing HUVEC cells treated with NF2



Control

Clinical: NF2 REC-2282 – Mechanism of Action

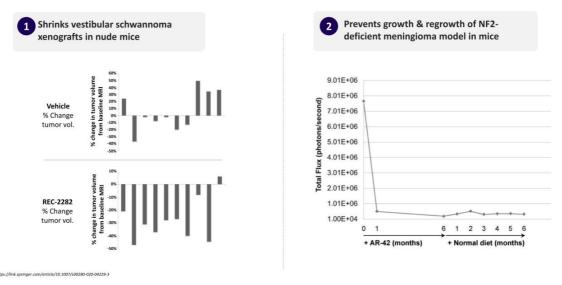
Orally Bioavailable, CNS-penetrating, Small Molecule HDAC Inhibitor



Clinical: NF2

Further Confidence : Preclinical Studies Validate Insight

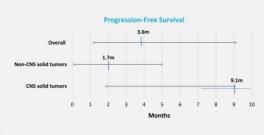
REC-2282 preclinical studies demonstrated clear in-vivo efficacy in multiple NF2 tumor types



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Clinical: NF2 Further Confidence : Prior Studies of REC-2282 Suggest Potential Therapeutic Benefit

- Evaluable Patients: CNS Solid Tumors: NF2 N=5; Non-CNS Solid Tumors: N=10
- PFS: CNS solid tumors = 9.1 months; Non-CNS solid tumors = 1.7 months
- Best overall response = SD in 8/15 patients (53%; 95% Cl 26.6–78.7)
- Longest duration of follow-up without progression: > 27 months (N=1)
- Most common AEs: cytopenia, fatigue, nausea

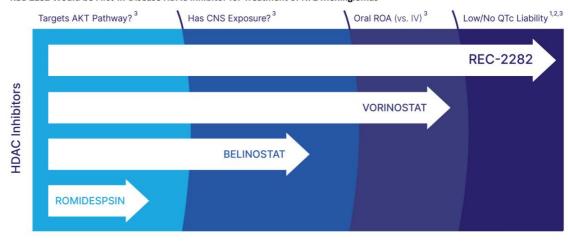


	Multiple investigator-initiated studies in oncology indications
Ŷ	Lengthy human clinical exposure in NF2 – multiple patients on drug for several years
	Well-characterized side effect profile
wi	th a drug-like profile
wi	Established and scalable API manufacturing
wi	

Well understood clinical safety ...

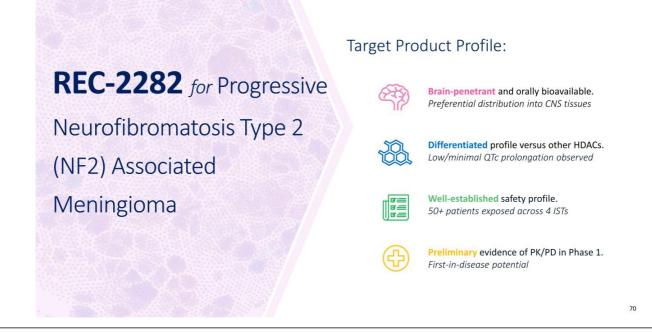
Clinical: NF2 REC-2282 Appears Well Suited for NF2 vs Other HDAC Inhibitors

REC-2282 Would be First-In-Disease HDAC Inhibitor for Treatment of NF2 Meningiomas



¹Sborov DW, et al. A phase 1 trial of the HDAC inhibitor AR-42 in patients with multiple myeloma and T- and B-cell lymphomas. Leak Lymphoma. 2017 Oct;58(10):2310-2318.
²Coller KA, et al. A phase 1 trial of the histone deacetybase inhibitor AR-52 in patients with neurofibromatoxis type 2-associated tumors and advanced solid malignancies. Cancer Chemother Pharmacol. 2021 May;87(5):599-511.
³Prescriben (information of Vinotoxitat/BrinosattRomations) respectively.

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REC-2282 for Neurofibromatosis Type 2 (NF2)

First-in-disease opportunity in NF2 with a potential best-in-class HDAC inhibitor

Program Overview	 Orally bioavailable small molecule inhibitor of class I and class IIB HDACs in Phase 2/3 (POPLAR) trial Unique MOA that disrupts PP1-HDAC interface, attenuating pathophysiologic p-AKT without affecting total AKT Fast Track Designation in <i>NF2</i> mutant meningioma granted by FDA in 2021
Clinical Updates	 Cohort A (Phase 2) enrollment ongoing targeting ~ 23 adults Early Phase 1 study demonstrated mPFS of 9.1 months in patients with CNS tumors, including 5 NF2 patients Therapeutic concentrations of REC-2282 achieved in plasma and CNS tumors in early Phase 1 studies
Near-term Catalysts	 Expected to complete Cohort A enrollment in adults in Q2 2024 Phase 2 readout (safety, preliminary efficacy, pharmacokinetics) expected Q4 2024
Commercial Opportunity	 ~ 33,000 NF2-associated meningioma patients in US and EU5 eligible for treatment with no approved therapies Potential to expand into additional NF2 mutant populations including mesothelioma, MPNST and EHE
IP & Exclusivity	 ODD in US and EU provides 7 and 10 years, respectively, of market exclusivity following approval Composition of matter patent provides protection until 2030 (excluding extensions)

REC-4881 for the Treatment of Familial Adenomatous Polyposis (FAP)

Target / MOA	MEK Inhibitor
Molecule Type	Small Molecule
Lead Indication(s)	Familial Adenomatous Polyposis
Status	Phase 1b/2
Designation(s)	Fast Track; US and EU Orphan Drug
Source of Insight	Recursion OS

Clinical: FAP Disease Overview : Familial Adenomatous Polyposis



Patient Population – Easily Identifiable

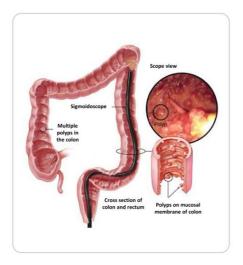
- Autosomal dominant tumor predisposition syndrome caused by a mutation in the APC gene
- Classic FAP (germline mutation) :
 - Hundreds to thousands of polyps in colon and upper GI tract
 - Extraintestinal manifestations (e.g., desmoid tumors)
 - 100% likelihood of developing colorectal cancer (CRC) before age 40, if untreated



Diagnosed US + EU5 patients

ps://www.hopkinsmedicine.org/health/conditions-and-diseases/familial-adenomatous-polyposi

Clinical: FAP Disease Overview : Familial Adenomatous Polyposis – Standard of Care



tps://www.hopkinsmedicine.org/health/conditions-and-diseases/familial-adenomatous-polyposis

No Approved Medical Therapy

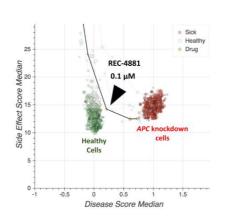
- Standard of care: colectomy during adolescence (with or without removal of rectum)
- Post-colectomy, patients still at significant risk of polyps progressing to GI cancer
- Significant decrease in quality-of-life post-colectomy: continued endoscopies and surgical intervention

"Despite progress with surgical management, the need for effective therapies for FAP remains high due to continued risk of tumors post-surgery"

- Niloy Jewel Samadder, MD, Mayo Clinic

Clinical: FAP Insight from OS : Rescued Loss of APC, Inhibited Tumor Growth

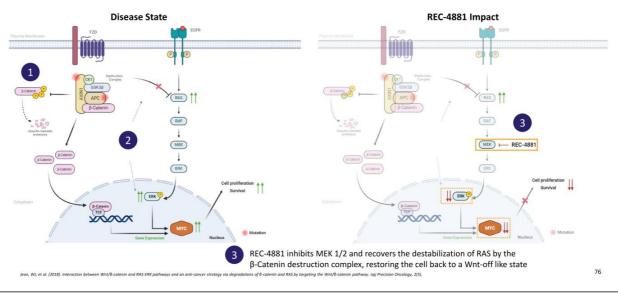
REC-4881 rescued phenotypic defects of cells with APC knockdown



- Compared to thousands of other molecules tested, REC-4881 rescued phenotypic defects substantially better (including better rescue than other MEK inhibitors) for APC specific knockdown
- Findings validated in tumor cell lines and spheroids grown from human epithelial tumor cells with APC mutation
 - 1,000x more selectivity in tumor cell lines with APC mutation
 - Inhibited growth and organization of spheroids

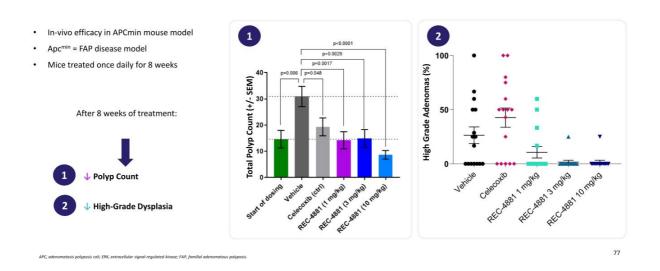
MoA : REC-4881 Blocks Wnt Mutation Induced MAPK Signaling

Orally Bioavailable, Small Molecule MEK Inhibitor



Clinical: FAP

Further Confidence : Preclinical Studies Confirming Reduction in Polyp Count and High-Grade Dysplasia



Clinical: FAP Further Confidence : Clinical Data Generated by Recursion

Accomplished Recursion formulation yields exposures REC-4881-101: Single-center, double-blind, placebo-R comparable to Takeda's formulation controlled, dose-escalation study in healthy (molecule in-licensed from Takeda) volunteers No food effect • Group 1 (n=13): Food effect crossover (REC-4881 4 mg/PBO [fed/fasted]), followed by single dose REC-4881 8 mg/PBO [fed] * Dose proportional increases in exposure Group 2 (n=12): Matched single ascending dose (REC-٠ 4881 4 mg/PBO; REC-4881 8 mg/PBO; REC-4881 12 mg/PBO) Similar to C20001 study, observed pERK inhibition (i.e., target engagement) at 8 mg and 12 mg doses Acceptable safety profile



REC-4881 for Familial Adenomatous Polyposis (FAP)

First-in-disease opportunity in FAP with a potential best-in-class MEK 1/2 inhibitor

Program Overview	 Orally bioavailable, small molecule non-ATP competitive allosteric inhibitor of MEK 1/2 in Phase 1b/2 (TUPELO) REC-4881 appears more active versus approved MEK inhibitors in disease relevant preclinical models Fast Track Designation in FAP granted by FDA in 2022
Clinical Updates	 Part 1 completed with 4 mg QD generally well-tolerated and safety profile consistent with other MEK inhibitors Early PD data indicates 4 mg is pharmacologically active – Part 2 protocol updated to dose escalation / expansion Efficacy will evaluate change in polyp burden relative to baseline at 12 weeks
Near-term Catalysts	 FPI for Part 2 achieved in Q2 2024 Phase 2 initial readout (safety, preliminary efficacy, pharmacokinetics) anticipated H1 2025
Commercial Opportunity	 ~ 50,000 FAP patients in US and EU5 eligible for treatment with no approved therapies Opportunity to treat moderate-to-severe population to potentially delay or prevent surgical intervention
IP & Exclusivity	 ODD in US and EU provides 7 and 10 years, respectively, of market exclusivity following approval No known barriers to market access

REC-4881 for the Treatment of Solid Tumors with AXIN1 or APC Mutant Cancers

Target / MOA	MEK Inhibitor
Molecule Type	Small Molecule
Lead Indication(s)	Solid Tumors with AXIN1 or APC Mutant Cancers
Status	Phase 2
Source of Insight	Recursion OS

Clinical: AXIN1 or APC Disease Overview : AXIN1 or APC Mutant Cancers



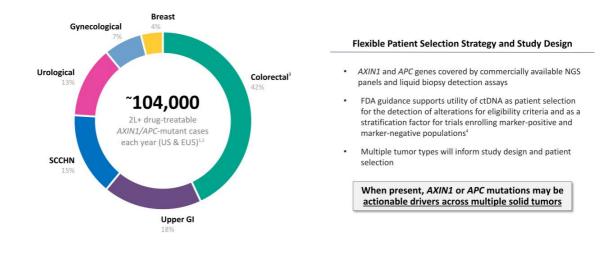
Gross morphology of HCC tumor

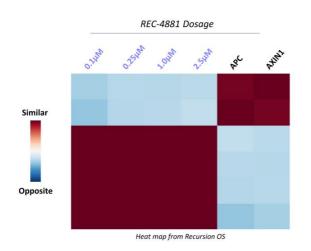
¹Bugter, J.M., et al. Nat Rev Cancer, 2021, 21, pp.5-21

- Sustained Wnt signaling is a frequent driver event found across a wide variety of solid tumors
- Dysregulation of β-catenin destruction complex due to inactivating mutations in AXIN1 or APC leads to sustained Wnt signaling promoting cancer progression and survival¹
- AXIN1 or APC mutant solid tumors are considered clinically aggressive and resistant to standard treatments

"Nothing in HCC has immediate therapeutic relevance and the most common mutations are TERT, TP53, and Wnt (CTNNB1/AXIN1/APC) and combined these alterations define almost 80% of patients and are not targetable"

- KOL, Clinical Investigator, Texas



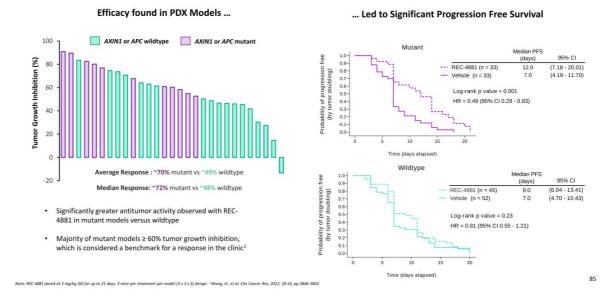


Hypothesis: Rescue of *AXIN1* may impact tumor progression and/or restore checkpoint sensitivity in cancers driven by *AXIN1* loss

Recursion Differentiation: REC-4881 rescues tumor suppressor genes *APC* and *AXIN1*

- APC and AXIN1 are negative regulators of Wnt signaling
- Both proteins form part of the B-catenin destruction complex. Strong clustering suggests map recapitulation of this biology

Clinical: AXIN1 or APC Further Confidence : Preclinical Studies Validate Insight





REC-4881 for AXIN1 or APC Mutant Cancers

First-in-disease opportunity in AXIN1 or APC mutant cancers with a potential best-in-class MEK 1/2 inhibitor

Program Overview	 Orally bioavailable, small molecule non-ATP competitive allosteric inhibitor of MEK 1/2 in Phase 2 (LILAC) First therapeutic candidate advanced to a Phase 2 signal finding study in <i>AXIN1</i> or <i>APC</i> mutant cancers Recursion's first clinical trial in oncology and the first that used inferential search for hypothesis generation
Clinical Updates	 Safety run-in of REC-4881 to identify RP2D prior to allocation Protocol designed to assess activity in two independent cohorts of AXIN1 or APC mutant tumors Efficacy will evaluate ORR as measured by RECIST 1.1
Near-term Catalysts	 FPI achieved in Q1 2024 Phase 2 readout (safety, preliminary efficacy, and PK) anticipated H1 2025
Commercial Opportunity	 Diagnosed incidence of ~ 104,000 2L+ drug-treatable patients harboring AXIN1 or APC mutations in US and EU5 AXIN1 and APC genes covered by commercially available NGS panels and liquid biopsy detection assays
IP & Exclusivity	 Method of use patent pending with protection until 2043 (excluding extensions) No known barriers to market access

REC-3964 for the Prevention of Recurrent *C. difficile* Infection (rCDI)

Target / MOA	Selective C. difficile Toxin Inhibitor
Molecule Type	Small Molecule
.ead Indication(s)	Prevention of rCDI
Status	Phase 2
ource of Insight	Recursion OS

Clinical: C. difficile Disease Overview : C. Difficile Infection (CDI)



Source, CDC *NAAT = Nucleic Acid Amplification Test; **rCDI = recurrent CDI

Patient Population – Large, Diagnosable and Easy to Identify

- Symptoms caused by clostridioides difficile tissue-damaging toxins released in the colon
- Patients who experience >3 unformed stools are diagnosed via NAAT* for toxin gene or positive stool test for toxins
- Patients who are at highest risk are those on antibiotics, and frequently visit hospitals or are living in a nursing home

Diagnosed US + EU5 patients

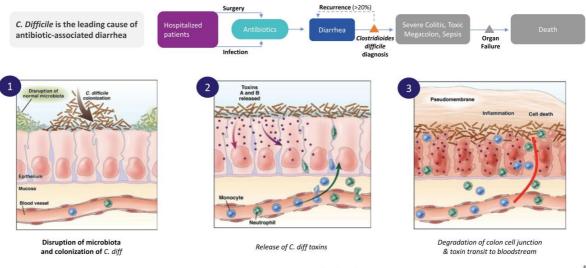
More than 80% of cases occur among patients age 65 or older

Large, Unmet Need with Significant Cost Burden

- RCDI** occurs in 20-30% of patients treated with standard of care
- 40% of those patients will continue to recur with 2+ episodes
- >29,000 patients die in the US each year from CDI
- Cost burden of up to \$4.8bn annually



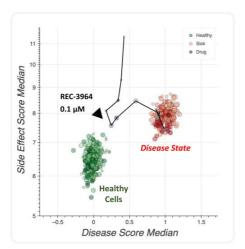
Clinical: C. difficile Disease Overview : C. Difficile Infection (CDI)



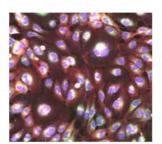
Source: McCallum, D., Rodriguez, JM. Detection, Treatment, and Prevention of Clostridium difficile Infection. Clinical Gastroenterology and Hepatology 2012 Mar 19. https://doi.org/10.1016/j.cgh.2012.03.008

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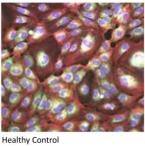
Clinical: C. difficile Insight from OS : REC-3964 Rescued Cells Treated with C. difficile Toxins



REC-3964 identified as a NCE that demonstrated strong rescue in HUVEC cells treated with *C. difficile* toxin



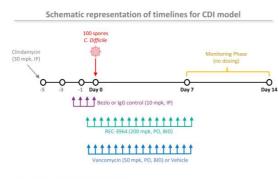
C. difficile toxin B phenotype



Clinical: C. difficile Further Confidence : Preclinical Studies Validate Recursion OS Insight

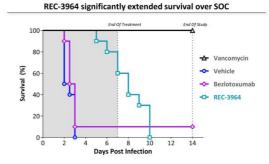
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REC-3964 is Superior to Bezlotoxumab in a Human Disease Relevant CDI Hamster Model



- N = 10 hamsters per group
- C. difficile strain 630 was used as genetic experiments confirmed virulence via toxin B¹
- Clinical observations were conducted from Day 0 to Day 7, with surviving animals monitored until Day 14

²Lyras, D, et al. Nature, 2009, 458, pp.1176-1179.



- REC-3964 potently inhibits toxin B with residual activity against toxin A, while bezlotoxumab is specific to toxin B.
- Significant difference in probability of survival vs bezlotoxumab alone at the end of treatment (p<0.001, log-rank test)

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Trial Design

• Randomized, Double-blind Trial

Population

- Healthy Participants
- SAD (n = 48)
 - 36 participants treated with REC-3964
 12 participants treated with placebo
- MAD (n = 42)
 - 34 participants treated with REC-3964
 - 8 participants treated with placebo

Primary Objectives

- Assess the safety & tolerability of SAD and MAD of REC-3964
- Evaluate the PK profile of REC-3964 after single and multiple doses

Phase 1 Topline

- REC-3964 oral administration was well tolerated by all subjects tested
 - ✓ 3% (n=1) of participants in SAD with drug-related AEs
 - ✓ 12% (n=4) of participants in MAD with drug-related AEs
 - All AEs were deemed Grade 1
 - No SAEs were observed
 - No discontinuations related to treatment
 - REC-3964 exhibited a favorable PK profile
 - ✓ Exposures (AUC) increased approximately dose-proportionally across the dose ranges tested (50 mg − 1200 mg)
 - ✓ Half-life ranged from ~7-10 hours; BID dosing expected to reach targeted trough concentrations

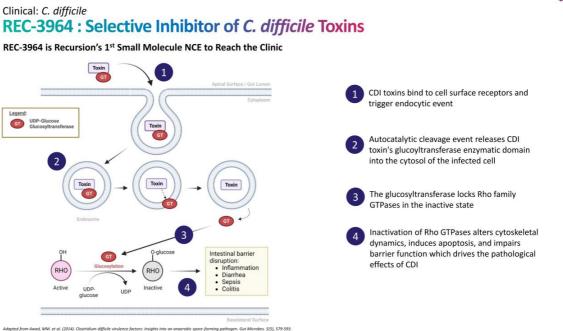
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Clinical: C. difficile Further Confidence : Clinical Studies Suggest Favorable Safety Profile

REC-3964 was well-tolerated with no treatment-related SAEs

MAD Study	Placebo (N=8) n (%)	100 mg (N=10) n (%)	300 mg (N=8) n (%)	500 mg (N=8) n (%)	900 mg (N=8) n (%)	REC-3964 Overall (N=34) n (%)	MAD Overall (N=42) n (%)
Total Number of TEAEs	17	24	5	9	7	45	62
Total Participants with ≥ 1 TEAE	6 (75.0)	8 (80.0)	4 (50.0)	5 (62.5)	4 (50.0)	21 (61.8)	27 (64.3)
Relationship to Study Drug							
Not Related	4 (50.0)	6 (60.0)	3 (37.5)	4 (50.0)	4 (50.0)	17 (50.0)	21 (50.0)
Related	2 (25.0)	2 (20.0)	1 (12.5)	1 (12.5)	0	4 (11.8)	6 (14.3)
Abdominal Distension	2 (25.0)	1 (10.0)	1 (12.5)	1 (12.5)	0	3 (8.8)	5 (11.9)
Flatulence	0	1 (10.0)	0	0	0	1 (2.9)	1 (2.4)
Severity							
Grade 1	6 (75.0)	8 (80.0)	4 (50.0)	5 (62.5)	4 (50.0)	21 (61.8)	27 (64.3)
Grade 2	0	0	0	0	0	0	0
Grade ≥ 3	0	0	0	0	0	0	0
Total Number of SAEs	0	0	0	0	0	0	0
Discontinued Study Drug Due to AE	0	0	0	0	0	0	0

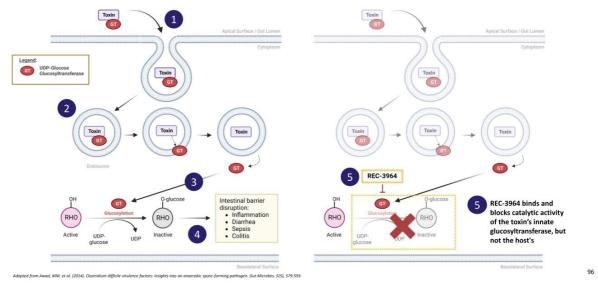
TEAEs = treatment emergent adverse events; Grade 1 = Mild, Grade 2 = Moderate, Grade 3 = Severe, Grade 4 = Life Threatening, Grade 5 = Fatal



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REC-3964 is Recursion's 1st Small Molecule NCE to Reach the Clinic



REC-3964 for Prevention of recurrent C. difficile infection (rCDI) Other infection of recurrent C. Differentiated mechanism of action. Hot independent and bacterial toxin selective No treatment-related discontinuations Differentiated mechanism of action. Hot independent and bacterial toxin selective Differentiated mechanism of action. Hot independent and bacterial toxin selective Differentiated mechanism of action. Hot independent and bacterial toxin selective Differentiated mechanism of action. Hot independent and bacterial toxin selective

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REC-3964 for Prevention of recurrent *C. difficile* infection (rCDI)

First-in-class potential for prevention of rCDI

Program Overview	 Orally bioavailable, small molecule <i>C. difficile</i> toxin inhibitor and the first NCE developed by Recursion Differentiated MOA selectively targets bacterial toxin while sparing the host to minimize adverse events Robust preclinical efficacy demonstrating superiority vs bezlotoxumab in the gold standard hamster model
Clinical Updates	 Favorable safety and tolerability profile in Phase 1 dose-escalation with no DLTs and no SAEs Minimal adverse events seen in Phase 1, and all deemed Grade 1 BID dosing provides therapeutic exposures expected to reach targeted trough concentrations
Near-term Catalysts	 Full Phase 1 data to be presented at the World Congress on Infectious Diseases in Paris in June 2024 Phase 2 proof-of-concept study planned for initiation in 2024
Commercial Opportunity	 > 100,000 high-risk rCDI patients in US and EU5 with limited treatment options to prevent recurrent disease Ability to address populations not eligible for FMT or microbiome-based therapies due to comorbidities
IP & Exclusivity	 Composition of matter patent allowed with protection until 2042 (excluding extensions) No known barriers to market access

RBM39 Inhibition for the Treatment of Advanced HR-Proficient Cancers

Target / MOA	RBM39 Molecular Glue Degrade
Molecule Type	Small Molecule
Lead Indication(s)	2L+ HR-Proficient Cancers
Status	Pre-IND
Source of Insight	Recursion OS



RBM39 Program for Advanced HR-Proficient Cancers

Lead candidate is a potential first-in-class RBM39 degrader being developed for HR-proficient tumors

Program Overview	 Recursion OS identified RBM39 as a novel target capable of mimicking CDK12 biology independent of CDK13 Lead molecule has demonstrated durable regressions across HRP and HRD cell line and patient derived xenografts Program advanced from target identification to IND-enabling stages in under 18 months
Non- Clinical Updates	 No significant in vitro safety concerns with favorable tolerability in disease relevant animal models Target engagement assays demonstrate strong correlation between RBM39 degradation and tumor reduction in vivo Excellent physiochemical properties and reasonable human projected doses support cost-effective CMC campaign
Near-term Catalysts	IND submission expected in H2 2024
Commercial Opportunity	 ~220,000 patients in US and EU5 harbor cancers that lack HRR mutations and have progressed on frontline therapies First-in-class potential as a single agent or in combination with other agents (PARP, IO, chemo, etc.)
IP & Exclusivity	 Composition of matter patent pending with protection until 2043 (excluding extensions) No known barriers to market access



Disclaimers

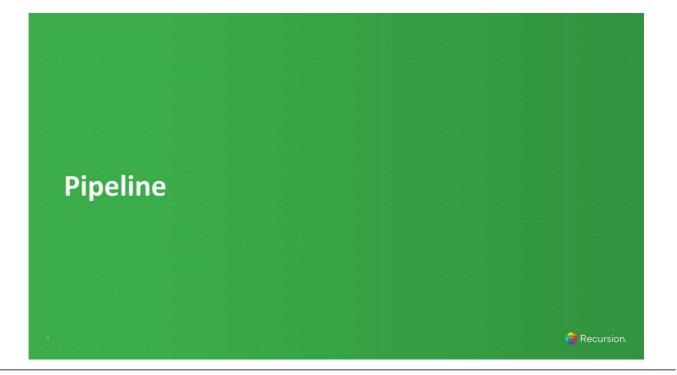
This presentation and any accompanying discussion and documents contain information that includes or is based upon "forward-looking statements" within the meaning of the Securities Litigation Reform Act of 1995. These forward-looking statements are based on our current expectations, estimates and projections about our industry and our company, management's beliefs and certain assumptions we have made. The words "plan," "anticipate," "continue," "estimate," "expect," "intend," "may," "will" and similar expressions are intended to identify forward-looking statements. Forward-looking statements made in this presentation include the occurrence or realization of any near- or medium-term potential milestones; the initiation, timing, progress, results, and cost of our research and development programs and our current and future preclinical and clinical studies, including timelines for enrollment in studies, data readouts, and progression toward IND-enabling studies; outcomes and benefits from licenses, partnerships and collaborations, including option exercises by partners, additional partnerships, and the ability to house tools on the BioNeMO Marketplace; outcomes and benefits expected from the Tempus partnership, including our ability to leverage the datasets acquired through the license agreement into increased machine learning capabilities and accelerate clinical trial enrollment; outcomes and benefits expected from the Helix partnership, including the generating and co-branding of new chemical libraries; expected BioHive supercomputer capabilities; the potential for additional partnerships and making data and tools available to third parties; advancements of our Recursion OS, including augmentation of our dataset; outcomes and benefits expected from the Large Language Model-Orchestrated Workflow Engine (LOWE); our ability to identify viable new drug candidates for clinical development and the accelerating rate at which we expect to identify such candidates; our expectation that the assets that will drive the most

Certain information contained in this presentation relates to or is based on studies, publications, surveys and other data obtained from third-party sources and the company's own internal estimates and research. While the company believes these third-party sources to be reliable as of the date of this presentation, it has not independently verified, and makes no representation as to the adequacy, fairness, accuracy or completeness of, any information obtained from third-party sources. In addition, all of the market data included in this presentation involves a number of assumptions and limitations, and there can be no guarantee as to the accuracy or reliability of such assumptions. Finally, while the company believes its own internal research is reliable, such research has not been verified by any independent source. Information contained in, or that can be accessed through our website (including the company's ESG report referenced herein) is not a part of and is not incorporated into this presentation.

Cross-trial or cross-candidate comparisons against other clinical trials and other drug candidates are not based on head-to-head studies and are presented for informational purposes; comparisons are based on publicly available information for other clinical trials and other drug candidates.

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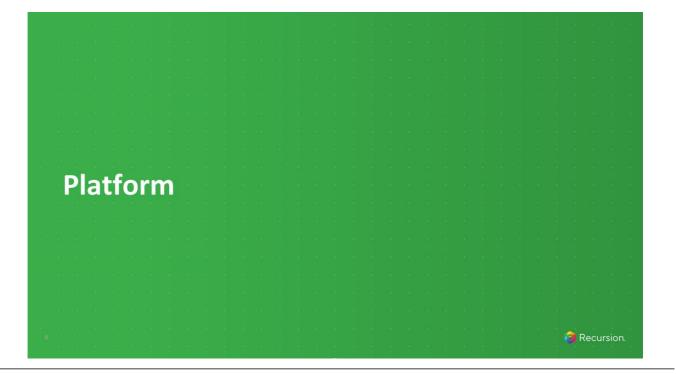


Rapid Cadence of Trial Readouts Over the Next 18 Months

	Program	Indication	Target	Patient Population	Preclinical	Phase 1	Phase 2	Phase 3	Near-Term Milestones
Rare & Other	REC-994	Cerebral Cavernous Malformation	Superoxide	~ 360K ¹	SYCAMORE				 Topline readout in Q3 2024
	REC-2282	Neurofibromatosis Type 2	HDAC	~ 33K ²	POPLAR				 Preliminary data readout in Q4 2024
	REC-4881	Familial Adenomatous Polyposis	МЕК	~ 50K ³	TUPELO				• Preliminary data readout in H1 2025
	REC-3964	Clostridioides difficile Infection	TcdB	~730K					• Phase 2 initiation
Oncology	Epsilon	Fibrotic Diseases	Undisclosed	~ 50K ^{4,5,6}					IND submission
	REC-4881	Advanced AXIN1/APC-Mutant Cancers	MEK	~ 104K ⁷	LILAC				• Preliminary data readout in H1 2025
	RBM39	Advanced HR-Proficient Cancers	RBM39	~ 220K ⁸					 IND submission Phase 1 initiation

More than a dozen discovery and research programs in oncology or with our partners – first program optioned by Roche-Genentech in GI-oncology

All populations defined above are US and EUS incidence unless otherwise noted. EUS is defined as France, Germany, Italy, Spain, and UK. (1) Prevalence for hereditary and sporadic symptomatic population. (2) Annual US and EUS incidence for all NF2-driven meningiomas. (3) Prevalence for adult and pediatric population. (4) Our program has the potential to address several indications. (5) We have not finalized a target product profile for a specific indication. (6) Incidence for US only. (7) 2L+ drug-treatable population. (8) 2L+ drug-treatable population comprising ovarian, prostate, breast, and pancreatic cancers.



Helix Collaboration for Clinico-Genomic Records

Helix

Access to hundreds of thousands of de-identified records, including Helix's Exome+(R) genomics & longitudinal health data, to train causal AI models and design biomarker & patient stratification strategies across broad disease areas

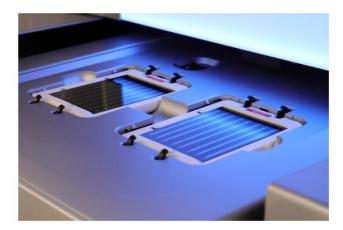


(2) Recursion

One of the Largest Transcriptomics Sequencers on Earth

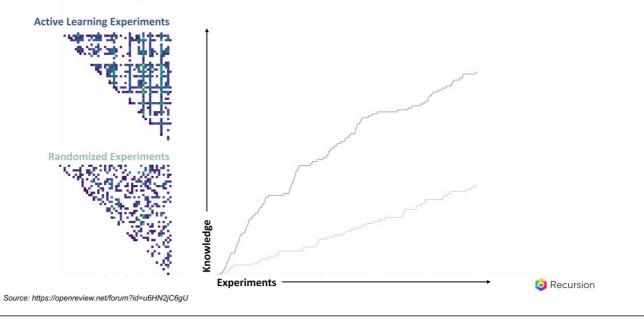
We just announced that we have sequenced our **1** MILLIONTH transcriptome

In the process of creating a full genome transcriptomic map to explore novel biology and complement our phenotypic maps



(2) Recursion

Active Learning Allows Us to Derive 80% of Value with 40% of the work



Industry Leading Compute In Record Time



BioHive-2: 23.32 petaflops

Completed in ~3 weeks

Top500 List from Nov 2023

29 Frentera - Dell C6420, Xeon Platinum 8280 28C 2.7GHz, Mellanox InfiniBand HDR, DELL EMC Texas Advanced Computing Center/Univ. of Texas United States

 30
 CEA-HF - BullSequana XH2000, AMD EPYC 7763 64C
 23.24

 2.45GHz, Atos EX VZ, EVIDEN
 Commissariat a l'Energie Atomique [CEA]
 France

 France
 France
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 France

10



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Adding Industry Leading Talent

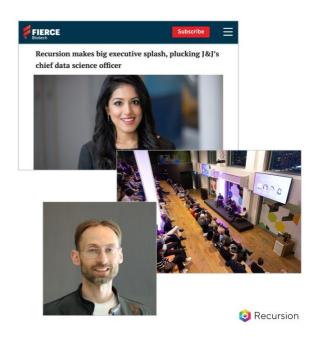
Najat Khan, PhD, Appointed Chief R&D Officer & Chief Commercial Officer and Board Member

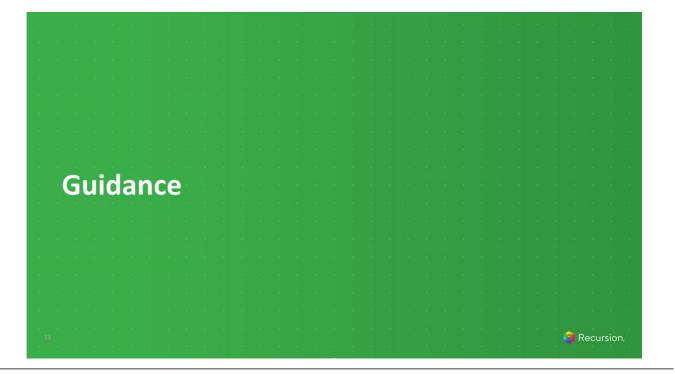
 Former Chief Data Science Officer and Co-Chair of Data Science Council at Johnson & Johnson

Michael Bronstein, DeepMind Professor of Artificial Intelligence, Oxford

• Appointed as Recursion/Valence advisor

Recursion plans to open first European location in London in June





What to Watch for from Recursion: Potential Near-Term Milestones

Pipeline:

- Five expected Ph2 readouts in the next 18 months
- Additional Ph2 trial starts in 2024
- Potential for additional INDs

Partners:

14

- Roche and Genentech: Pioneering collaboration, potential near-term program & map options
- Bayer: Significant deal value, focused on undruggable oncology, potential near-term program options
- Tempus: Potential near term novel NSCLC targets and large-scale causal AI models to generate target hypotheses across cancer
- Potential for additional partnership(s) in large, intractable areas of biology (CV/Met)
- Potential to make some data and tools available to biopharma and commercial users

Platforms:

- Recursion OS moves towards autonomous discovery
- Active learning and exploration of proteomics, organoids, spheroids, and automated synthesis

Strong Financial Position ~\$296M in cash Q1 2024

Cash refers to cash and cash equivalents at the end of Q1 2024

