SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13D/A

Under the Securities Exchange Act of 1934 (Amendment No. 13)*

(Amendment No. 13)
Enzo Biochem, Inc.
(Name of Issuer)
Common Start 60.01 committee
Common Stock, \$0.01 par value
(Title of Class of Securities)
294100102
(CUSIP Number)
Kevin A. McGovern, Esq.
c/o Harbert Discovery Fund, LP
2100 Third Avenue North, Suite 600
Birmingham, AL 35203
(205) 987-5577
with a copy to:
Eleazer Klein, Esq.
Schulte Roth & Zabel LLP
919 Third Avenue
New York, New York 10022
(212) 756-2000
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)
March 16, 2021

(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), Rule 13d-1(f) or Rule 13d-1(g), check the following box. []

(Page 1 of 14 Pages)

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 294100102 SCHEDULE 13D/A Page 2 of 14 Pages

1		ORTING PERSON very Fund, LP	
2	CHECK THE AF	PROPRIATE BOX IF A MEMBER OF A GROUP	(a) □ (b) □
3	SEC USE ONLY		
4	SOURCE OF FU WC	NDS	
5	CHECK BOX IF I	DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware		
	7	SOLE VOTING POWER -0-	

^{*}The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING	8	SHARED VOTING POWER 1,763,493	
	9	SOLE DISPOSITIVE POWER -0-	
PERSON WITH:	10	SHARED DISPOSITIVE POWER 1,763,493	
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH PERSON 1,763,493		
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES		
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 3.66%		
14	TYPE OF REPORTING PERSON PN		

CUSIP No. 294100102 SCHEDULE 13D/A Page 3 of 14 Pages

1		NAME OF REPORTING PERSON Harbert Discovery Fund GP, LLC		
2	CHECK THE	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		
3	SEC USE ONI	LY		
4	SOURCE OF F AF	FUNDS		
5	CHECK BOX II	F DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)		
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NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	8	SHARED VOTING POWER 1,763,493		
	9	SOLE DISPOSITIVE POWER -0-		
	10	SHARED DISPOSITIVE POWER 1,763,493		
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH PERSON 1,763,493			
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF 3.66%	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 3.66%		
14	TYPE OF REP OO	PORTING PERSON		

CUSIP No. 294100102 SCHEDULE 13D/A Page 4 of 14 Pages

1	NAME OF REPORTING PERSON Harbert Discovery Co-Investment Fund I, LP	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a)

3	SEC USE ONLY	SEC USE ONLY		
4	SOURCE OF FU WC	SOURCE OF FUNDS WC		
5	CHECK BOX IF I	DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)		
6	CITIZENSHIP O Delaware	OR PLACE OF ORGANIZATION		
	7	SOLE VOTING POWER -0-		
NUMBER OF SHARES BENEFICIALLY	8	SHARED VOTING POWER 3,412,420		
OWNED BY EACH REPORTING PERSON WITH:	9	SOLE DISPOSITIVE POWER -0-		
	10	SHARED DISPOSITIVE POWER 3,412,420		
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH PERSON 3,412,420			
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.08%			
14	TYPE OF REPO PN	RTING PERSON		

CUSIP No. 294100102 SCHEDULE 13D/A Page 5 of 14 Pages

1		NAME OF REPORTING PERSON Harbert Discovery Co-Investment Fund I GP, LLC		
2	CHECK THE	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		
3	SEC USE ON	LY		
4	SOURCE OF I	FUNDS		
5	CHECK BOX II	F DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)		
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NUMBER OF SHARES BENEFICIALLY OWNED BY	8	SHARED VOTING POWER 3,412,420		
EACH REPORTING PERSON WITH:	9	SOLE DISPOSITIVE POWER -0-		
TERSON WITH.	10	SHARED DISPOSITIVE POWER 3,412,420		
11		AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH PERSON 3,412,420		
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.08%			
14	TYPE OF REI	TYPE OF REPORTING PERSON OO		

1		NAME OF REPORTING PERSON Harbert Fund Advisors, Inc.		
2	CHECK THE AF	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		
3	SEC USE ONLY	SEC USE ONLY		
4	SOURCE OF FU AF	UNDS		
5	CHECK BOX IF I	DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)		
6	CITIZENSHIP C Alabama	OR PLACE OF ORGANIZATION		
	7	SOLE VOTING POWER -0-		
NUMBER OF SHARES BENEFICIALLY OWNED BY	8	SHARED VOTING POWER 5,175,913		
EACH REPORTING PERSON WITH:	9	SOLE DISPOSITIVE POWER -0-		
FERSON WIIII.	10	SHARED DISPOSITIVE POWER 5,175,913		
11		AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH PERSON 5,175,913		
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF C 10.73%	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 10.73%		
14	TYPE OF REPO IA, CO	RTING PERSON		

CUSIP No. 294100102 SCHEDULE 13D/A Page 7 of 14 Pages

1		PORTING PERSON nagement Corporation		
2	CHECK THE	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		
3	SEC USE ONI	LY		
4	SOURCE OF I	SOURCE OF FUNDS AF		
5	CHECK BOX II	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)		
6	CITIZENSHIP OR PLACE OF ORGANIZATION Alabama			
	7	SOLE VOTING POWER -0-		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	8	SHARED VOTING POWER 5,175,913		
	9	SOLE DISPOSITIVE POWER -0-		
	10	SHARED DISPOSITIVE POWER 5,175,913	_	

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH PERSON 5,175,913	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 10.73%	
14	TYPE OF REPORTING PERSON CO	

CUSIP No. 294100102 SCHEDULE 13D/A Page 8 of 14 Pages

	NAME OF BED	ORTING PERSON			
1	Jack Bryant	UKTING PERSON			
	Ī	·			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		(a) \square		
			(b) \square		
_	SECTISE ONLY	SEC USE ONLY			
3	SEC USE ONL!				
4	SOURCE OF FU AF	UNDS			
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5	CHECK BOX IF I	DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)			
6		OR PLACE OF ORGANIZATION			
0	United St	tates of America			
	7	SOLE VOTING POWER			
	/	-0-			
NUMBER OF		SHARED VOTING POWER			
SHARES BENEFICIALLY	8	5,175,913			
OWNED BY					
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REPORTING PERSON WITH:		-0-			
	10	SHARED DISPOSITIVE POWER			
	10	5,175,913			
11	AGGREGATE A	AMOUNT BENEFICIALLY OWNED BY EACH PERSON			
11	5,175,913				
10	CHECK IF THE	AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
12	CHECK II THE	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF C	CLASS REPRESENTED BY AMOUNT IN ROW (11)			
13	10.73%				
1.4	TYPE OF REPO	ORTING PERSON			
14	IN				

CUSIP No. 294100102 SCHEDULE 13D/A Page 9 of 14 Pages

1	NAME OF REPORTING PERSON Kenan Lucas	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) (b) (b)	
3	SEC USE ONLY	
4	SOURCE OF FUNDS AF	

5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)		
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States of America		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	7	SOLE VOTING POWER -0-	
	8	SHARED VOTING POWER 5,175,913	
	9	SOLE DISPOSITIVE POWER -0-	
	10	SHARED DISPOSITIVE POWER 5,175,913	
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH PERSON 5,175,913		
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES		
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 10.73%		
14	TYPE OF REPORTING PERSON IN		

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	1		1		
1	NAME OF REPORTING PERSON				
	Raymond Harbert				
2	CHECK THE A	(a) 🗆			
<u> </u>			` '		
			(b) 🗆		
3	SEC USE ONLY				
4	SOURCE OF FUNDS AF				
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5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)				
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NUMBER OF	8	SHARED VOTING POWER			
SHARES BENEFICIALLY	o	5,175,913			
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PERSON WITH:		-0-			
	10	SHARED DISPOSITIVE POWER			
	10	5,175,913			
11	AGGREGATE .	AMOUNT BENEFICIALLY OWNED BY EACH PERSON			
11	5,175,913				
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES				
12	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)				
13	10.73%				
	TYPE OF REPORTING PERSON				
14	IN IN				
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The following constitutes Amendment No. 13 to the Schedule 13D filed by the undersigned (the "Amendment No. 13"). This Amendment No. 13 amends the Schedule 13D, filed with the Securities and Exchange Commission on April 8, 2019 as specifically set forth herein.

Item 4. PURPOSE OF TRANSACTION

Item 4 of the Schedule 13D is hereby amended and supplemented by the addition of the following:

On March 16, 2021 Harbert Discovery Fund, LP and Harbert Discovery Co-Investment Fund I, LP sent a letter to the independent members of the Board of the Issuer, calling on them to pursue strategic alternatives and enter into discussions with potential acquirers. The letter also expressed disappointment in the Board's apparent decision to not accept Dr. Rabbani's resignation. The foregoing summary of the letter is qualified by reference to the entirety of the letter, a copy of which is attached as Exhibit 11.

Item 5. INTEREST IN SECURITIES OF THE ISSUER

Item 5(a)-(c) of the Schedule 13D is hereby amended and restated as follows::

- (a) See rows (11) and (13) of the cover pages to this Schedule 13D for the aggregate number of shares of Common Stock and percentages of the Common Stock beneficially owned by each Reporting Person. The percentages used in this Amendment No. 13 are calculated based upon 48,228,567 shares of Common Stock outstanding as of March 8, 2021, as reported in the Issuer's Quarterly Report on Form 10-Q, for the quarterly period ended January 31, 2021, filed with the Securities and Exchange Commission on March 16, 2021.
- (b) See rows (7) through (10) of the cover pages to this Schedule 13D for the number of shares of Common Stock as to which each Reporting Person has the sole or shared power to vote or direct the vote and sole or shared power to dispose or to direct the disposition.
- (c) The transactions in the shares of Common Stock effected in the last 60 days by the Reporting Persons are set forth in Annex A, and are incorporated herein by reference.

Item 7. MATERIAL TO BE FILED AS EXHIBITS

Item 7 of the Schedule 13D is hereby amended and supplemented by the addition of the following:

Exhibit 11: Letter to the Board of the Issuer, dated March 16, 2021.

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SIGNATURES

After reasonable inquiry and to the best of his or its knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Date: March 17, 2021

Harbert Discovery Fund, LP

By: Harbert Discovery Fund GP, LLC,

its General Partner

By: Harbert Management Corporation,

its Managing Member

By: /s/ John McCullough

Executive Vice President and

General Counsel

Harbert Discovery Fund GP, LLC

By: Harbert Management Corporation,

its Managing Member

By: /s/ John McCullough

Executive Vice President and

General Counsel

Harbert Discovery Co-Investment Fund I, LP

By: Harbert Discovery Co-Investment Fund I GP, LLC, its General

Partner

By: Harbert Management Corporation,

its Managing Member

By: /s/ John McCullough

Executive Vice President and

General Counsel

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Harbert Discovery Co-Investment Fund I GP, LLC

By: Harbert Management Corporation,

its Managing Member

By: /s/ John McCullough

Executive Vice President and

General Counsel

Harbert Fund Advisors, Inc.

By: /s/ John McCullough

Executive Vice President and

General Counsel

Harbert Management Corporation

By: /s/ John McCullough

Executive Vice President and

General Counsel

By: /s/ Jack Bryant

Jack Bryant

By: /s/ Kenan Lucas

Kenan Lucas

By: /s/ Raymond Harbert

Raymond Harbert

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Annex A

This Annex sets forth information with respect to each purchase and sale (excluding brokerage commissions) of Common Stock which was effectuated by Harbert in the last 60 days. All transactions were effectuated in the open market through a broker.

Harbert Discovery Fund, LP

Trade Date Common Stock
Purchased (Sold) Price Per Share (\$)

03/15/2021	(34,071)	4.75
03/15/2021	(15,253)	5.00
03/16/2021	(68,140)	4.70
03/16/2021	(34,070)	4.54

Harbert Discovery Co-Investment Fund I, LP

Common Stock				
Purchased (Sold)	Price Per Share (\$)			
(65,929)	4.75			
(29,515)	5.00			
(131,860)	4.70			
(65,930)	4.54			
	Purchased (Sold) (65,929) (29,515) (131,860)			



March 16, 2021

Harbert Discovery Fund Responds to Enzo Biochem, Inc.'s Recent Strategic Announcements

Birmingham, AL

Enzo Biochem, Inc.

Dr. Mary Tagliaferri, Director Dr. Ian Walters, Director Rebecca Fischer, Director Dov Perlysky, Director 60 Executive Boulevard Farmingdale, NY 11735

Independent Directors of the Board,

The announced engagement of Korn Ferry to run a CEO search and Cain Brothers ('Cain") to review strategic options are positive first steps to address Enzo's weak corporate governance and historical underperformance. We commend the Directors for taking these first steps, but also note that they must be followed by sincere processes led by the Independent Directors of the Enzo Board (Board").

We know there are currently interested acquirers. We believe these interested acquirers and others would be willing to pay a significant premium to the current share price. Cain appears to be an acceptable choice, since they recently advised Mercy on the sale of its outreach lab services business to Quest Diagnostics. That coupled with the engagement of former LabCorp Diagnostics CEO Gary Huff, provides Enzo with ties to the most logical strategic acquirers. An outright sale may provide the highest risk-adjusted return for shareholders. Cain should be given the authority to run a full auction process without any limitations on the type of transaction to be considered. Given the presently interested parties, Cain should begin this process immediately. The competitive dynamics that might emerge in a comprehensive sale process could unlock tremendous value for shareholders. The market for corporate assets is extremely robust. The recent performance, which is largely driven by COVID-19 also aligns extremely well with a sales process.

We strongly disagree with the apparent decision to allow Dr. Rabbani to remain as a director and note that the Board is still obligated to provide a rationale for not accepting his resignation. It is critical for Korn Ferry to be able to attract the highest qualified candidate available. Justifiably, candidates of this stature will be very wary of Dr. Rabbani's reputation and continued influence on the Board. If the Board determines shareholders are likely to realize the highest risk-adjusted return without pursuing an outright sale, then it is in the clear best interests of shareholders, employees, and all stakeholders to accept Dr. Rabbani's resignation and allow a new CEO to lead the company to reach its full potential.

These announcements alone are insufficient without actions to follow. Failure to follow through on these announcements will be met with continued demand for change. Shareholders will see through an insincere and incomplete sale process, and they will recognize an underqualified CEO. We look forward to seeing the results of Cain and/or Korn Ferry's efforts in the very near future.

Sincerely,

Harbert Discovery Fund, LP Harbert Discovery Co-Investment Fund I, LP

2 9/4 _

Kenan Lucas, Managing Director and Portfolio Manager of Harbert Discovery Fund GP, LLC and Harbert Discovery Co- Investment Fund I GP, LLC

Important Disclosure

THIS STATEMENT CONTAINS OUR CURRENT VIEWS ON THE VALUE OF SECURITIES OF ENZO BIOCHEM, INC. ("ENZO"). OUR VIEWS ARE BASED ON OUR ANALYSIS OF PUBLICLY AVAILABLE INFORMATION AND ASSUMPTIONS WE BELIEVE TO BE REASONABLE. THERE CAN BE NO ASSURANCE THAT THE INFORMATION WE CONSIDERED IS ACCURATE OR COMPLETE, NOR CAN THERE BE ANY ASSURANCE THAT OUR ASSUMPTIONS ARE CORRECT. WE DO NOT RECOMMEND OR ADVISE, NOR DO WE INTEND TO RECOMMEND OR ADVISE, ANY PERSON TO PURCHASE OR SELL SECURITIES AND NO ONE SHOULD RELY ON THIS STATEMENT OR ANY ASPECT OF THIS STATEMENT TO PURCHASE OR SELL SECURITIES OR CONSIDER PURCHASING OR SELLING SECURITIES. THIS STATEMENT DOES NOT PURPORT TO BE, NOR SHOULD IT BE READ, AS AN EXPRESSION OF ANY OPINION OR PREDICTION AS TO THE PRICE AT WHICH ENZO'S SECURITIES MAY TRADE AT ANY TIME. AS NOTED, THIS STATEMENT EXPRESSES OUR CURRENT VIEWS ON ENZO. OUR VIEWS AND OUR HOLDINGS COULD CHANGE AT ANY TIME WITHOUT NOTICE AND WE MAKE NO COMMITMENT TO UPDATE THIS STATEMENT IN THE EVENT OUR VIEWS OR HOLDINGS CHANGE. INVESTORS SHOULD MAKE THEIR OWN DECISIONS REGARDING ENZO AND ITS PROSPECTS WITHOUT RELYING ON, OR EVEN CONSIDERING, ANY OF THE INFORMATION CONTAINED IN THIS STATEMENT.

About Harbert Discovery Fund ("HDF")

HDF invests in a concentrated portfolio of publicly traded small capitalization companies in the US and Canada. We perform significant due diligence on each portfolio company prior to investing. In addition to researching all publicly available information and meeting with management, our diligence includes substantial primary research with

industry experts, consultants, bankers, customers and competitors. We often spend months or years researching ideas before making an investment decision and we only invest in companies that we believe are significantly undervalued, and where there is the potential for change to enhance or accelerate value creation. In an effort to unlock this potential value, we seek to work directly with the boards and management teams of our portfolio companies privately and collaboratively, engaging with them on a range of factors including governance, board composition, corporate strategy, capital allocation, strategic alternatives and operations. We have effected positive, fundamental changes at our current and past investments through this behind-the-scenes, constructive approach.

About Harbert Management Corporation ("HMC")

HMC is an alternative asset management firm with approximately \$7.7 billion in Regulatory Assets Under Management as of February 28, 2021. HMC currently sponsors nine distinct investment strategies with dedicated investment teams. Additional information about HMC can be found at www.harbert.net.

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