The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.

The reader should not assume that the information is accurate and complete.

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 **FORM D** 

OMB APPROVAL

OMB Number: 3235-0076
Estimated average burden
hours per response: 4.00

## **Notice of Exempt Offering of Securities**

1. Issuer's Identity				
CIK (Filer ID Number)	Previous Names	None	Entity Type	
0001095981	MACROPORI	E	X Corporation	
Name of Issuer	INC		Limited Partnership	
CYTORI THERAPEUTICS, INC.				
Jurisdiction of Incorporation/Orga	inization		Limited Liability Company	
DELAWARE	Zation		General Partnership	
Year of Incorporation/Organization	ın		Business Trust	
X Over Five Years Ago			Other (Specify)	
=	· · · · · ·			
Within Last Five Years (Spec	ily Year)			
Yet to Be Formed				
2. Principal Place of Business a	and Contact Information			
Name of Issuer				
CYTORI THERAPEUTICS, INC.				
Street Address 1		Street Address 2		
3020 Callan Road				
City	State/Province/Country	ZIP/PostalCode	Phone Number of Issuer	
San Diego	CA	92121	858-458-0900	
3. Related Persons				
Last Name	First Name		Middle Name	
Calhoun	Christopher		J	
Street Address 1	Street Address 2			
3020 Callan Road				
City	State/Province/Cou	untry	ZIP/PostalCode	
San Diego	CA		92121	
Relationship: X Executive Office	er X Director Promoter			
Clarification of Response (if Nece	ssary):			
Last Name	First Name		Middle Name	
Hawkins	Richard		J	
Street Address 1	Street Address 2		•	
3020 Callan Road	2.1.00171au.1000 <u>2</u>			
City	State/Province/Cou	intry	ZIP/PostalCode	
San Diego	CA		92121	
<u> </u>	r X Director Promoter		72.21	
Clarification of Response (if Nece				
Last Name	First Name		Middle Name	
Hawran	Paul		W	
Street Address 1	Street Address 2			
3020 Callan Road				
City	State/Province/Cou	untry	ZIP/PostalCode	
San Diego	<u>CA</u>		92121	
Relationship: Executive Office	r X Director Promoter			
Clarification of Response (if Nece	ssary):			
Last Name	First Name		Middle Name	
Hedrick	Marc		Н	

Street Address 1	Street Address 2	
3020 Callan Road		
City	State/Province/Country	ZIP/PostalCode
San Diego	CA	92121
Relationship: X Executive Officer X Director	Promoter	
Clarification of Response (if Necessary):		
Last Name	First Name	Middle Name
Henriksen	Ronald	D
Street Address 1	Street Address 2	
3020 Callan Road		7.77
City	State/Province/Country	ZIP/PostalCode
San Diego	CA	92121
Relationship: Executive Officer X Director	or Promoter	
Clarification of Response (if Necessary):		
Last Name	First Name	Middle Name
Holmes, MD	E	Carmack
Street Address 1	Street Address 2	
3020 Callan Road		
City	State/Province/Country	ZIP/PostalCode
San Diego	CA	92121
Relationship: Executive Officer X Director	or Promoter	
Clarification of Response (if Necessary):		
Last Name	First Name	Middle Name
Rickey	David	M
Street Address 1	Street Address 2	
3020 Callan Road		
City	State/Province/Country	ZIP/PostalCode
San Diego	CA	92121
Relationship: Executive Officer X Director	Promoter Promoter	
Clarification of Response (if Necessary):		
Last Name	First Name	Middle Name
Saad	Mark	E
Street Address 1	Street Address 2	
3020 Callan Road		
City	State/Province/Country	ZIP/PostalCode
San Diego	CA	92121
Relationship: X Executive Officer Director	or Promoter	
Clarification of Response (if Necessary):		

4. Industry Group

Agriculture	Health Care	Retailing		
Banking & Financial Services	X Biotechnology	Restaurants		
Commercial Banking	Health Insurance	Technology		
Insurance	Hospitals & Physicians	Computers		
Investing				
Investment Banking	Pharmaceuticals	Telecommunications		
Pooled Investment Fund	Other Health Care	Other Technology		
Is the issuer registered as	Manufacturing	Travel		
an investment company under the Investment Company	Real Estate	Airlines & Airports		
Act of 1940?	Commercial			
Yes No	Construction	Lodging & Conventions		
Other Banking & Financial Services		Tourism & Travel Services		
	REITS & Finance	Other Travel		
Business Services	Residential			
Energy		Other		
Coal Mining	Other Real Estate	_		
Electric Utilities				
Energy Conservation				
Environmental Services				
Oil & Gas				
Other Energy				
5. Issuer Size				
Revenue Range OR	Aggregate Net Asset			
No Revenues	No Aggregate Net	Asset value		
\$1 - \$1,000,000	\$1 - \$5,000,000	200 200		
\$1,000,001 - \$5,000,000	\$5,000,001 - \$25,0			
\$5,000,001 - \$25,000,000	\$25,000,001 - \$50			
\$25,000,001 - \$100,000,000	\$50,000,001 - \$10			
Over \$100,000,000	Over \$100,000,00			
X Decline to Disclose	Decline to Disclos	e		
Not Applicable	Not Applicable			
6. Federal Exemption(s) and Exclusion(s)	Claimed (select all that apply)			
Rule 504(b)(1) (not (i), (ii) or (iii))	Rule 505			
Rule 504 (b)(1)(i)	X Rule 506			
Rule 504 (b)(1)(ii)	Securities Act S	ection 4(5)		
Rule 504 (b)(1)(iii)	Investment Com	pany Act Section 3(c)		
	Section 3(c)(1)	Section 3(c)(9)		
	Section 3(c)(2)	Section 3(c)(10)		
	Section 3(c)(3)	Section 3(c)(11)		
	Section 3(c)(4)	Section 3(c)(12)		
	Section 3(c)(5)	Section 3(c)(13)		
	Section 3(c)(6)	Section 3(c)(14)		
	Section 3(c)(7)			
7. Type of Filing				
X New Notice Date of First Sale 2009-05-1	First Sale Yet to Occur			
Amendment				
8. Duration of Offering				
Does the Issuer intend this offering to last mo	re than one year? Yes X	No		

9. Type(s) of Securities Offered (select all that apply)	
X Equity	Pooled Investment Fund Interests
Debt	Tenant-in-Common Securities
Option, Warrant or Other Right to Acquire Another Security	Mineral Property Securities
Security to be Acquired Upon Exercise of Option, Warrant or Other F to Acquire Security	Other (describe)
10. Business Combination Transaction	
Is this offering being made in connection with a business combination tracquisition or exchange offer?	ansaction, such as a merger, Yes X No
Clarification of Response (if Necessary):	
11. Minimum Investment	
Minimum investment accepted from any outside investor \$0 USD	
12. Sales Compensation	
Recipient	Recipient CRD Number X None
(Associated) Broker or Dealer X None	(Associated) Broker or Dealer CRD Number X None
Street Address 1	Street Address 2
City State(c) of Solicitation (coloct all that apply)	State/Province/Country ZIP/Postal Code
State(s) of Solicitation (select all that apply) Check "All States†or check individual States  All States	Foreign/non-US
13. Offering and Sales Amounts	
Total Offering Amount \$12,801,756 USD or Indefinite	
Total Amount Sold \$4,251,700 USD	
Total Remaining to be Sold \$8,550,056 USD or Indefinite	
Clarification of Response (if Necessary):	
The remaining \$8,550,056 represents the aggregate exercise price of the commo	on stock warrants issued as part of this offering.
14. Investors	
Select if securities in the offering have been or may be sold to person	ons who do not qualify as accredited investors, and enter the
number of such non-accredited investors who already have invested	d in the offering.
Regardless of whether securities in the offering have been or may be enter the total number of investors who already have invested in the	
15. Sales Commissions & Finder's Fees Expenses	
Provide separately the amounts of sales commissions and finders fees estimate and check the box next to the amount.	expenses, if any. If the amount of an expenditure is not known, provide an
Sales Commissions \$0 USD Estimate	
Finders' Fees \$0 USD Estimate	
Clarification of Response (if Necessary):	
16. Use of Proceeds	
	or is proposed to be used for payments to any of the persons required to be 3 above. If the amount is unknown, provide an estimate and check the box next
\$0 USD Estimate	
Clarification of Response (if Necessary):	
Signature and Submission	
Please verify the information you have entered and review the Term this notice.	ns of Submission below before signing and clicking SUBMIT below to file
Terms of Submission	
In submitting this notice, each issuer named above is:	

- Notifying the SEC and/or each State in which this notice is filed of the offering of securities described and undertaking to furnish them, upon
  written request, in the accordance with applicable law, the information furnished to offerees.\*
- Irrevocably appointing each of the Secretary of the SEC and, the Securities Administrator or other legally designated officer of the State in which the issuer maintains its principal place of business and any State in which this notice is filed, as its agents for service of process, and agreeing that these persons may accept service on its behalf, of any notice, process or pleading, and further agreeing that such service may be made by registered or certified mail, in any Federal or state action, administrative proceeding, or arbitration brought against the issuer in any place subject to the jurisdiction of the United States, if the action, proceeding or arbitration (a) arises out of any activity in connection with the offering of securities that is the subject of this notice, and (b) is founded, directly or indirectly, upon the provisions of: (i) the Securities Act of 1933, the Securities Exchange Act of 1934, the Trust Indenture Act of 1939, the Investment Company Act of 1940, or the Investment Advisers Act of 1940, or any rule or regulation under any of these statutes, or (ii) the laws of the State in which the issuer maintains its principal place of business or any State in which this notice is filed.
- Certifying that, if the issuer is claiming a Rule 505 exemption, the issuer is not disqualified from relying on Rule 505 for one of the reasons stated in Rule 505(b)(2)(iii).

Each Issuer identified above has read this notice, knows the contents to be true, and has duly caused this notice to be signed on its behalf by the undersigned duly authorized person.

For signature, type in the signer's name or other letters or characters adopted or authorized as the signer's signature.

Issuer	Signature	Name of Signer	Title	Date
CYTORI THERAPEUTICS, INC.	/s/ Jonathan E. Soneff	Jonathan E. Soneff	Secretary	2009-06-30

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

<sup>\*</sup> This undertaking does not affect any limits Section 102(a) of the National Securities Markets Improvement Act of 1996 ("NSMIA") [Pub. L. No. 104-290, 110 Stat. 3416 (Oct. 11, 1996)] imposes on the ability of States to require information. As a result, if the securities that are the subject of this Form D are "covered securities" for purposes of NSMIA, whether in all instances or due to the nature of the offering that is the subject of this Form D, States cannot routinely require offering materials under this undertaking or otherwise and can require offering materials only to the extent NSMIA permits them to do so under NSMIA's preservation of their anti-fraud authority.