## **UNITED STATES** SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

#### **SCHEDULE 13G**

UNDER THE SECURITIES EXCHANGE ACT OF 1934 (Amendment No. 1)

TYPE OF REPORTING PERSON:

				ova, Inc.		
			name c	of Issuer		
				par value \$0.001 of Securities)		
				BP206 Number)		
			•	r 31, 2010 Requires Filing of this ment)		
Check	the appropriate box to d	lesignate the rule pursi	ant to which this Schedul			
			o Rule 1	13d-1(b)		
			x Rule 2	13d-1(c)		
			o Rule 1	13d-1(d)		
			or a reporting person's init h would alter the disclosur		th respect to the subject class ver page.	of securities, and for any
					urpose of Section 18 of the Sizions of the Act (however, s	
1	NAMES OF REPOR	TING PERSONS:				
	Southpaw Asset Man	agement I.P				
2			MEMBER OF A GROUP			(a) o
3	SEC USE ONLY					(b) o
4	CITIZENSHIP OR P	LACE OF ORGANIZ	ATION			
	Delaware					
	Delaware	5 SOLE VOTING I	POWER			
		0				
NILIN	TRED OF CHAREC	6 SHARED VOTIN	IG POWER			
NUMBER OF SHARES BENEFICIALLY OWNED 9		956,294				
	ACH REPORTING ERSON WITH	7 SOLE DISPOSIT	IVE POWER			
	<del></del>	0 8 SHARED DISPO	SITIVE POWER			
			SITIVETOWER			
9	AGGREGATE AMO	956,294 OUNT BENEFICIALL	Y OWNED BY EACH RE	EPORTING PERSON:		
-						
10	956,294 CHECK IF THE AG	GREGATE AMOUNT	Γ IN ROW (9) EXCLUDE	S CERTAIN SHARES:		0
	DED CENTE OF CT.	CONTRACTOR TO	NA A MOUNTE DE DOUG (C			
11	PERCENT OF CLAS	55 KEPRESENTED E	BY AMOUNT IN ROW (9	)		

1	NAMES OF REPO	RTING PERSONS:	
	Southpaw Holdings	LLC	
2		ROPRIATE BOX IF A MEMBER OF A GROUP	(a) o (b) o
3	SEC USE ONLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	Delaware		
		5 SOLE VOTING POWER 0	
NHM	- BER OF SHARES	6 SHARED VOTING POWER	
	FICIALLY OWNED	956,294	
	ACH REPORTING	7 SOLE DISPOSITIVE POWER	
P	ERSON WITH	0	
	<del>-</del>	8 SHARED DISPOSITIVE POWER	
		956,294	
9	AGGREGATE AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:	
	956,294		
10	CHECK IF THE AC	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:	0
11	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (9)	
12	7.1% TYPE OF REPORT	TNC DEDSON:	
12	TITE OF REFORT	INO I ERSON.	
	00		
	NAMES OF REPO	DTING PERCONG.	
1	NAMES OF REPO	KIING PERSONS:	
	Southpaw Credit Op	pportunity Master Fund LP	
2		ROPRIATE BOX IF A MEMBER OF A GROUP	(a) o (b) o
3	SEC USE ONLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	Cayman Islands		
		5 SOLE VOTING POWER	
	_	0 6 SHARED VOTING POWER	
_	BER OF SHARES FICIALLY OWNED	873,149	
	ACH REPORTING	7 SOLE DISPOSITIVE POWER	
P)	ERSON WITH		
	-	0 8 SHARED DISPOSITIVE POWER	
		070.4.40	
9	AGGREGATE AM	873,149 OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:	
3			
10	873,149 CHECK IF THE AG	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:	0
10	CHLOKII IIIE A	Soldshid into in to in (3) exchoded centain dianes.	Ü
11	PERCENT OF CLA		
12	6.6% TYPE OF REPORT	TINC DEDSON:	
12		ING FERSON.	
	PN		

PN

NAMES OF REPORTING PERSONS:

	Kevin Wyman	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) o (b) o
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
	United States	
	5 SOLE VOTING POWER	
	0 6 SHARED VOTING POWER	
	IBER OF SHARES	
	FICIALLY OWNED 956,294 ACH REPORTING 7 SOLE DISPOSITIVE POWER	
	ERSON WITH  0	
	8 SHARED DISPOSITIVE POWER	
	956,294	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:	
	956,294	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:	O
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	7.1%	
12	TYPE OF REPORTING PERSON:	
	IN	
1	NAMES OF REPORTING PERSONS:	
	Howard Golden	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) o
3	SEC USE ONLY	(b) o
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
•		
	United States  5 SOLE VOTING POWER	
	5 SOLE VOTINGTOWER	
	0	
NUM	6 SHARED VOTING POWER IBER OF SHARES	
BENEI	FICIALLY OWNED 956,294	
	ACH REPORTING 7 SOLE DISPOSITIVE POWER ERSON WITH	
	0 8 SHARED DISPOSITIVE POWER	
9	956,294 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:	
Э	AGGREGATE AMOUNT DENEFICIALLY OWNED DY EACH REPORTING PERSON:	
	956,294	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:	0
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	7.1%	
12	TYPE OF REPORTING PERSON:	
	IN	
ITEM	NAME OF ISSUER:	
1(a)		
	MediciNova, Inc. (the " <u>Issuer</u> ")	
TTEM	ADDRESS OF ISSUED'S DRINICIDAL EVECUTIVE OFFICES.	

1(b)

4350 La Jolla Village Drive, Suite 950 San Diego, California 92122

# ITEM NAME OF PERSON FILING: 2(a)

This statement is filed on behalf of the following persons (collectively, the "Reporting Persons"):

- (i) Southpaw Asset Management LP ("Southpaw Management")
- (ii) Southpaw Credit Opportunity Master Fund LP
- (iii) Southpaw Holdings LLC ("Southpaw Holdings")
- (iv) Kevin Wyman
- (v) Howard Golden

This statement relates to securities held for the account of (i) Southpaw Credit Opportunity Master Fund LP, a Cayman Islands limited partnership (the "Fund"), which owns \$5,937,412 in principal amount of the Floating Rate Secured Convertible Notes due 2011 of the Issuer ("Convertible Notes"), (ii) a separate managed account managed by Southpaw Management (the "Managed Account 1"), which owns \$417,512 in principal amount of Convertible Notes, and (iii) another separate managed account managed by Southpaw Management (the "Managed Account 2"; and together with the Managed Account 1, the "Managed Accounts"), which owns \$147,877 in principal amount of Convertible Notes. Southpaw Management is the investment manager of the Fund and the Managed Accounts, and, in such capacities, may be deemed to beneficially own the Convertible Notes reported herein which are deemed beneficially owned by the Fund and the Managed Accounts. Southpaw Holdings serves as the general partner of Southpaw Management, and, in such capacity, may be deemed to beneficially own the Convertible Notes reported herein which may be deemed beneficially owned by Southpaw Management. Mr. Wyman and Mr. Golden are principals of Southpaw Holdings and managers of Southpaw Management, and, in such capacities, may be deemed to beneficially own the Convertible Notes reported herein which may be deemed beneficially owned by Southpaw Management.

ITEM ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE: 2(b)

2 Greenwich Office Park Greenwich, CT 06831

ITEM CITIZENSHIP: 2(c)

- (i) Southpaw Asset Management LP is a limited partnership organized under the laws of Delaware.
- (ii) Southpaw Credit Opportunity Master Fund LP is a limited partnership organized under the laws of the Cayman Islands.
- (iii) Southpaw Holdings LLC is a limited liability company organized under the laws of Delaware.
- (iv) Kevin Wyman is an individual having citizenship in the United States.
- (v) Howard Golden is an individual having citizenship in the United States.

ITEM TI 2(d)

TITLE OF CLASS OF SECURITIES: Common Stock

ITEM

2(e)

CUSIP NUMBER: 58468P206

 $ITEM \ 3 \quad IF \ THIS \ STATEMENT \ IS \ FILED \ PURSUANT \ TO \ \S\S \ 240.13d-1(b) \ OR \ 240.13d-2(b) \ OR \ (c), \ CHECK \ WHETHER \ THE \ FILING \ PERSON \ IS:$ 

Not applicable.

#### ITEM 4 OWNERSHIP:

In connection with the merger of Avigen, Inc. ("<u>Avigen</u>") with a subsidiary of the Issuer as reported in the Issuer's current report on Form 8-K filed on December 22, 2009 (the "<u>December 22, 2009 Form 8-K</u>"), the Reporting Persons received a certain amount of Convertible Notes in December 2009 as discussed in the Schedule 13G filed on December 28, 2009 which this Amendment No. 1 to Schedule 13G amends and supplements. In September 2010, following the release of amounts from an escrow account pursuant to the Escrow Agreement (as defined in the December 22, 2009 Form 8-K), the Reporting Persons rece ived additional Convertible Notes.

As of December 31, 2010, the Fund owns \$5,937,412 in principal amount of the Convertible Notes; Managed Account 1 owns \$417,512 in principal amount of Convertible Notes; and Managed Account 2 owns \$147,877 in principal amount of Convertible Notes. Southpaw Management is the investment manager of the Fund and the Managed Accounts, and, in such capacities, may be deemed to beneficially own the Convertible Notes reported herein which are deemed beneficially owned by the Fund and the Managed Accounts. Southpaw Holdings serves as the general partner of Southpaw Management, and, in such capacity, may be deemed to beneficially own the Convertible Notes reported herein which may be deemed beneficially owned by Southpaw Management. Mr. Wym an and Mr. Golden are principals of Southpaw Holdings and managers of

Southpaw Management, and, in such capacities, may be deemed to beneficially own the Convertible Notes reported herein which may be deemed beneficially owned by Southpaw Management.

Note that references to percentage ownerships of common stock in this Amendment No. 1 to Schedule 13G are based upon (i) the 12,436,381 shares of common stock outstanding as reported in the Issuer's quarterly report on Form 10-Q for the quarter ended September 30, 2010 filed on November 8, 2010, and (ii) the conversion rate of 1 share of common stock per \$6.80 principal amount of Convertible Notes as reported in the December 22, 2009 Form 8-K.

- (i) For Southpaw Asset Management LP:
  - (a) Amount beneficially owned: 956,294
  - (b) Percent of class: 7.1%
  - (c) Number of shares as to which the person has:
    - (i) Sole power to vote or direct the vote: 0
    - (ii) Shared power to vote or direct the vote: 956,294
    - (iii) Sole power to dispose or direct the disposition of: 0
    - (iv) Shared power to dispose or direct the disposition of: 956,294
- (ii) For Southpaw Holdings LLC:
  - (a) Amount beneficially owned: 956,294
  - (b) Percent of class: 7.1%
  - (c) Number of shares as to which the person has:
    - (i) Sole power to vote or direct the vote: 0
    - (ii) Shared power to vote or direct the vote: 956,294
    - (iii) Sole power to dispose or direct the disposition of: 0
    - (iv) Shared power to dispose or direct the disposition of: 956,294
- (iii) For Southpaw Credit Opportunity Master Fund LP:
  - (a) Amount beneficially owned: 873,149
  - (b) Percent of class: 6.6%
  - (c) Number of shares as to which the person has:
    - (i) Sole power to vote or direct the vote: 0
    - (ii) Shared power to vote or direct the vote: 873,149
    - (iii) Sole power to dispose or direct the disposition of: 0
    - (iv) Shared power to dispose or direct the disposition of: 873,149
- (iv) For Kevin Wyman:
  - (a) Amount beneficially owned: 956,294
  - (b) Percent of class: 7.1%
  - (c) Number of shares as to which the person has:
    - (i) Sole power to vote or direct the vote: 0
    - (ii) Shared power to vote or direct the vote: 956,294
    - (iii) Sole power to dispose or direct the disposition of:  $\,0\,$
    - (iv) Shared power to dispose or direct the disposition of: 956,294
- (v) For Howard Golden:
  - (a) Amount beneficially owned: 956,294

- (b) Percent of class: 7.1%
- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or direct the vote: 0
  - (ii) Shared power to vote or direct the vote: 956,294
  - (iii) Sole power to dispose or direct the disposition of: 0
  - (iv) Shared power to dispose or direct the disposition of: 956,294

ITEM 5 OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

Not Applicable.

ITEM 6 OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

Not Applicable.

ITEM 7 IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY OR CONTROL PERSON.

Not Applicable.

ITEM 8 IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not Applicable.

ITEM 9 NOTICE OF DISSOLUTION OF GROUP.

Not Applicable.

ITEM 10 CERTIFICATIONS.

By signing below each of the Reporting Persons certifies that, to the best of such person's knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

## **SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

January 18, 2010

Southpaw Credit Opportunity Master Fund

L

By: Southpaw GP LLC,

its general partner

By: /s/ Kevin Wyman

Name: Kevin Wyman Title: Managing Member

Southpaw Asset Management LP

By: Southpaw Holdings LLC, its general partner

By: /s/ Kevin Wyman

Name: Kevin Wyman Title: Managing Member

Southpaw Holdings, LLC

By: /s/ Kevin Wyman

Name: Kevin Wyman Title: Managing Member

/s/ Kevin Wyman

Kevin Wyman

/s/ Howard Golden

Howard Golden

# **EXHIBIT INDEX**

# Exhibit Number Exhibit

1. Joint Filing Agreement, dated January 18, 2010, by and among the Reporting Persons.

## **EXHIBIT 1 - JOINT FILING AGREEMENT**

The undersigned hereby agree that Amendment No. 1 to the Schedule 13G with respect to the shares of common stock of MediciNova, Inc., dated as of January 18, 2010, is, and any amendments thereto (including amendments on Schedule 13D) signed by each of the undersigned shall be, filed on behalf of each of the undersigned pursuant to and in accordance with the provisions of Rule 13d-1(k) under the Securities Exchange Act of 1934.

Date: January 18, 2010

Southpaw Credit Opportunity Master Fund

By: Southpaw GP LLC, its general partner

By: /s/ Kevin Wyman

Name: Kevin Wyman Title: Managing Member

Southpaw Asset Management LP

By: Southpaw Holdings LLC, its general partner

By: /s/ Kevin Wyman

Name: Kevin Wyman Title: Managing Member

Southpaw Holdings, LLC

By: /s/ Kevin Wyman

Name: Kevin Wyman Title: Managing Member

/s/ Kevin Wyman

Kevin Wyman

/s/ Howard Golden

Howard Golden