CERUS CORP Form SC 13G February 17, 2015

#### **UNITED STATES**

## SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

**SCHEDULE 13G** 

**Under the Securities Exchange Act of 1934** 

(Amendment No.)\*

Cerus Corporation (Name of Issuer)

**Common Stock** (Title of Class of Securities)

157085101 (CUSIP Number)

December 31, 2014 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- x Rule 13d-1(b)
- o Rule 13d-1(c)
- o Rule 13d-1(d)

\*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 the disclosures provided in a prior cover page.

The information required in 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. 157085101		S	CHEDULE 13G	Page 2 of 9 Pages				
1	NAME OF REPO I.R.S. IDENTIFIO		RSONS ). OF ABOVE PERSONS (ENTITIES	ONLY)				
	OrbiMed Advisors LLC							
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) o (b) o							
3	SEC USE ONLY							
4		R PLACE O	OF ORGANIZATION					
	Delaware							
		5	SOLE VOTING POWER					
	NUMBER OF	5	0					
D	SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON H		SHARED VOTING POWE	R				
D		6	2,635,000					
		7	SOLE DISPOSITIVE POW	ER				
			0					
WITH								
		8	SHARED DISPOSITIVE PO	JWER				
			2,635,000					
0	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON							
9	2,635,000							
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN o SHARES (See Instructions)							
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)							
11	3.37%							
	TYPE OF REPORTING PERSON (See Instructions)							
12	IA							

CUSIP No. 157085101		SCHEDU	SCHEDULE 13G				
	ΝΑΜΈ ΟΕ ΒΈΡΟ	PTING PERSONS					
NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)							
	OrbiMed Capital LLC						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) o (b) o						
3	SEC USE ONLY						
4	CITIZENSHIP OR PLACE OF ORGANIZATION						
	Delaware						
		5	SOLE VOTING POWER				
l	NUMBER OF SHARES ENEFICIALLY OWNED BY EACH REPORTING	5	0				
וס			SHARED VOTING POWER				
		6	4,400,000				
]		_	SOLE DISPOSITIVE POWER				
WITH	PERSON	7	0				
			SHARED DISPOSITIVE POWE	CR			
		8	4,400,000				
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
9	4,400,000						
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN o SHARES (See Instructions)						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
11	5.62%						
12	TYPE OF REPORTING PERSON (See Instructions)						
	IA						

CUSI	P No. 157085101	SCHEDU	ЛЕ 13G	Page 4 of 9 Pages			
1		ORTING PERSONS CATION NO. OF AI	BOVE PERSONS (ENTITIES ONL	.Y)			
	Samuel D. Isaly						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) o (b) o						
3	SEC USE ONLY						
4		OR PLACE OF ORGA	ANIZATION				
	United States						
		5	SOLE VOTING POWER				
	NUMBER OF	5	0				
D	SHARES ENEFICIALLY		SHARED VOTING POWER				
D.	OWNED BY EACH	6	7,035,000				
	REPORTING	7	SOLE DISPOSITIVE POWER				
WITH	PERSON	1	0				
			SHARED DISPOSITIVE POWE	ER			
		8	7,035,000				
	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
9	7,035,000						
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN o SHARES (See Instructions)						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
	8.99% TYPE OF REPORTING PERSON (See Instructions)						
12	HC	RTING FERSON (S					

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Item 1. (a) Name of Issuer:		
Cerus Corporation		
	(b) Address of Issuer's Pri	ncipal Executive Offices:
2550 Stanwell Dr.		
Concord, CA 94520		
United States		
Item 2.	(a) Nan	ne of Person Filing:
OrbiMed Advisors LLC		
OrbiMed Capital LLC		
Samuel D. Isaly		
	(b) Address of Prin	cipal Business Office:
601 Lexington Avenue, 54th F	loor	
New York, NY 10022		
	(c)	Citizenship:
Please refer to Item 4 on each	cover sheet for each filing person.	
	(d) Title of (	Class of Securities:
Common Stock		
	(e)	) CUSIP No.:
157085101		

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**Item 3.** OrbiMed Advisors LLC and OrbiMed Capital LLC are investment advisors in accordance with ss.240.13d-1(b)(1)(ii)(E). Samuel D. Isaly is a control person in accordance with ss.240.13d-1(b)(1)(ii)(G).

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#### Item 4. Ownership:

Please see Items 5 - 9 and 11 for each cover sheet for each filing.

#### 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.

Reporting persons are holding 8.99% (3.37% in the case of OrbiMed Advisors LLC and 5.62% in the case of OrbiMed Capital LLC) of the shares on behalf of other persons who have the right to receive or the power to direct the receipt of dividends from, or proceeds from the sale of, such securities. No one such other person's interest in the securities whose ownership is reported here relates to more than five percent of the class.

# 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. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and held in the ordinary course of business and 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

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connection with or as a participant in any transaction having that purpose or effect.

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#### SIGNATURES

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.

Dated: February 17, 2015

OrbiMed Advisors LLC

By: Samuel D. Isaly Name: Samuel D. Isaly Title: Managing Member

OrbiMed Capital LLC

By: Samuel D. Isaly Name: Samuel D. Isaly Title: Managing Member

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#### EXHIBIT A

#### JOINT FILING AGREEMENT

The undersigned hereby agree that the Statement on this Schedule 13G dated February 17, 2015 (the "Schedule 13G"), with respect to the Common Stock of Cerus Corporation is filed on behalf of each of us pursuant to and in accordance with the provisions of Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, and that this Agreement shall be included as an Exhibit to this Schedule 13G. Each of the undersigned agrees to be responsible for the timely filing of the Schedule 13G, and for the completeness and accuracy of the information concerning itself contained therein. This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of February 17, 2015.

OrbiMed Advisors LLC

By: Samuel D. Isaly Name: Samuel D. Isaly Title: Managing Member

OrbiMed Capital LLC

By: Samuel D. Isaly Name: Samuel D. Isaly Title: Managing Member

The Statement on this Schedule 13G dated February 17, 2015 with respect to the Common Stock of Cerus Corporation is filed by Samuel D. Isaly in accordance with the provisions of Rule 13d-1(b) and Rule 13d-1(k), respectively, as control person (HC) of OrbiMed Advisors LLC and OrbiMed Capital LLC.

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OrbiMed Advisors LLC and OrbiMed Capital LLC file this statement on Schedule 13G in accordance with the provisions of Rule 13d-1(b) and Rule 13d-1(k), respectively, as investment advisors (IA).