

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>CHURCH JEFFREY WAYNE</u>  (Last) (First) (Middle) <u>C/O CELSION COPORATION</u> <u>10224-L OLD COLUMBIA ROAD</u>  (Street) <u>COLUMBIA MD 21046</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Celsion CORP [ CLSN ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below)  X CFO
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/14/2011</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Series A Redeemable Convertible Preferred Stock <sup>(2)</sup>	\$2.4 <sup>(3)</sup>	01/14/2011 <sup>(1)</sup>		P		8		01/14/2011	01/14/2013	Celsion Corporation Common Stock	3,333.33	\$1,197.795 <sup>(6)</sup>	8	D	
Warrants to Purchase Common Stock <sup>(2)</sup>	\$3.25 <sup>(4)</sup>	01/14/2011 <sup>(1)</sup>		P		3,333.3328		07/14/2011	07/14/2016	Celsion Corporation Common Stock	3,333.3328	\$0 <sup>(5)</sup>	3,333.3328	D	

**Explanation of Responses:**

- Represents the date which the NASDAQ Stock Market LLC approved the participation of insiders in the public offering in which the securities were purchased by the reporting person and the date on which the reporting person became irrevocably committed to purchase the securities covered by this report.
- The securities were purchased in a public offering pursuant to Celsion Corporation's Registration Statement on Form S-3 (File No. 333-158402) that was declared effective on April 17, 2009 (the "Registration Statement") on the terms and conditions set forth in the prospectus supplements to the Registration Statement dated January 12, 2011 and January 13, 2011.
- Represents the conversion price per share of the Series A Convertible Preferred Stock.
- Represents the exercise price of the warrants per whole share of common stock.
- Each unit of a warrant to purchase 416.6666 shares of common stock was purchased for \$0.125 per unit, which represents the value allocated to the unit in accordance with the NASDAQ Stock Market Rules.
- Represents the at-the-market purchase price per share of Series A Convertible Preferred Stock allocated to each such share in accordance with the NASDAQ Stock Market Rules.

Timothy J Tumminello, Controller 01/19/2011  
& CAO

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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