

Neuralstem, Inc.  
Form S-8  
March 01, 2011

As filed with the Securities and Exchange Commission on March 1, 2011

Registration No. 333 -

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

NEURALSTEM, INC.  
(Exact name of issuer as specified in its charter)

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Delaware  
(State or other jurisdiction of  
incorporation or organization)

52-2007292  
(I.R.S. Employer  
Identification Number)

Neuralstem, Inc.  
9700 Great Seneca Highway  
Rockville, Maryland 20850  
(301)366-4841

(Address, including zip code, and telephone number, including area code, of Registrant's principal executive offices)

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Paracorp, Inc.  
40 E. Division Street Suite A  
Dover, DE 19901  
(888) 372-7273

(Name, address, including zip code, and telephone number, including area code, of agent for service)

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Copies to:

Raul Silvestre, Esq  
Silvestre Law Group, P.C.  
31200 Via Colinas, Suite 200  
Westlake Village, Ca 91362  
(818) 597-7552

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Pursuant to Rule 429 under the Securities Act of 1933, the prospectus included in this registration statement is a

combined prospectus relating to:

- (i) the registration of up to 7,000,000 shares of Common Stock under our 2010 Plan and;
- (ii) up to 10,150,000 shares of Common Stock previously registered on registration statement no. 333-152801, filed on Form S-8 on August 6, 2008 with the United States Securities and Exchange Commission (“SEC”).

This registration statement, which is a new registration statement, also constitutes post-effective amendment no. 1 to the above referenced registration statements, and such post-effective amendment shall hereafter become effective concurrently with the effectiveness of this registration statement and in accordance with Section 8(c) of the Securities Act of 1933.

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## CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount to be Registered(1)	Proposed Maximum Offering Price	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
Common Stock, par value \$0.01 per share(2)	10,150,000	N/A	N/A	N/A
Common Stock, par value \$0.01 per share (3)	6,387,996	\$ 2.04 (4)	\$ 13,031,512	\$ 1,512.96
Common Stock, par value \$0.01 per share (5)	602,004	\$ 2.21 (6)	\$ 1,330,429	\$ 154.46
Common Stock, par value \$0.01 per share (7)	10,000	\$ 2.02 (6)	\$ 20,200	\$ 2.35
<b>Total</b>	<b>17,150,000</b>		<b>14,382,141</b>	<b>1,669.77</b>

(1) Pursuant to Rule 416, promulgated under the Securities Act of 1933, as amended, this registration statement covers an indeterminate number of securities to be offered as a result of any adjustment from stock splits, stock dividends or similar transactions.

(2) Shares previously registered on Form S-8 (Registration Statement No. 333-152801).

(3) Represents: (i) 5,978,645 Shares reserved for future grants pursuant to our 2010 Equity Compensation Plan, and (ii) 409,351 Shares and restricted stock units issued as a result of prior grants and awards.

(4) Estimated solely for the purpose of calculating the amount of the registration fee pursuant to Rule 457 under the Securities Act of 1933 based upon the average of the high and low prices of the registrant's common stock on February 25, 2011.

(5) Represents shares of Common Stock issuable upon the exercise (at a price of \$2.21 per share) of outstanding options.

(6) Fee based on exercise price applicable to shares issuable upon exercise of warrants in accordance with Rule 457(h)(1) and (c)..

(7) Represents shares of Common Stock issuable upon the exercise (at a price of \$2.02 per share) of outstanding options.

## EXPLANATORY NOTE

Neuralstem, Inc. (the “Company”, “we”, or “us”) has prepared this Registration Statement in accordance with the requirements of Form S-8 under the Securities Act of 1933, as amended (the “Securities Act”), to register an aggregate of 17,150,000 shares of common stock, \$0.01 par value per share, (“Common Stock”) that are issued or issuable under our: (i) 2010 Equity Compensation Plan (“2010 Plan”); (ii) 2005 Stock Plan (“2005 Plan”), and (iii) 2007 Stock Plan (“2007 Plan”)(collectively “Plans”).

Pursuant to Rule 429 under the Securities Act of 1933, the prospectus included in this registration statement is a combined prospectus relating to the resale of up to 7,000,000 shares of Common Stock under our 2010 Plan and (ii) the resale of up to 10,150,000 shares of Common Stock previously registered on registration statement no. 333-152801, filed on Form S-8 on August 6, 2008 with the United States Securities and Exchange Commission (“SEC”). This registration statement, which is a new registration statement, also constitutes post-effective amendment no. 1 to the above referenced registration statements, and such post-effective amendment shall hereafter become effective concurrently with the effectiveness of this registration statement and in accordance with Section 8(c) of the Securities Act of 1933.

This Registration Statement contains two parts. The first part contains a resale prospectus prepared in accordance with the requirements of General Instruction C to Form S-8 that covers resales of “restricted securities” and “control securities” (in each case, as defined in General Instruction C to Form S-8). This resale prospectus is to be used for reoffers and resales, on a continuous or delayed basis in the future, by certain officers, directors and employees of the Company of shares of common stock of the Company acquired under the Plan. The second part of this Registration Statement contains Information Required in the Registration Statement pursuant to Part II of Form S-8.

## PART I

### INFORMATION REQUIRED IN SECTION 10(A) PROSPECTUS

#### Item 1. Plan Information.

Pursuant to the Note to Part I on Form S-8, the documents containing the information specified in Part I of this Registration Statement will be sent or given to plan participants as specified by Rule 428(b)(1) of the Securities Act. Such documents are not required to be filed, and are not filed, with the United States Securities and Exchange Commission either as part of this Registration Statement or as prospectuses or prospectus supplements pursuant to Rule 424. These documents and the documents incorporated by reference in this Registration Statement pursuant to Item 3 of Part II of this Form S-8, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act.

#### Item 2. Registrant Information and Employee Stock Option Plan Information.

Upon written or oral request, any of the documents incorporated by reference in Item 3 of Part II of this Registration Statement on Form S-8 (which documents are incorporated by reference in this Section 10(a) Prospectus), other documents required to be delivered to eligible employees, officers or directors pursuant to Rule 428(b) under the Securities Act or additional information about the Plans and its administrator are available without charge by contacting:

NEURALSTEM, INC  
9700 Great Seneca Highway,

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Rockville, Maryland 20850  
Attn: Chief Financial Officer  
Tel : (301) 366-4841

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REOFFER PROSPECTUS

NEURALSTEM, INC.

17,150,000 SHARES OF COMMON STOCK

This prospectus relates to the reoffer and resale, from time to time, of 17,150,000 shares of our common stock held or to be acquired by the selling stockholders following the exercise of awards previously granted or to be granted pursuant to our Plans or as a result of restricted stock grants, pursuant to Neuralstem, Inc.'s: (i) 2005 Stock Plan ("2005 Plan"), (ii) 2007 Stock Plan ("2007 Plan") and (iii) 2010 Equity Compensation Plan ("2010 Plan") (collectively the "Plans"). The selling stockholders may acquire additional shares of our common stock under the Plans. The selling stockholders are not required to sell any shares of our common stock.

The shares of our common stock covered by this prospectus are "restricted securities" or "control securities" under the Securities Act of 1933, as amended, or the Securities Act. This prospectus has been prepared for the purpose of registering the shares under the Securities Act to allow for future sales by the selling stockholders, on a continuous or delayed basis, to the public without restriction. Each stockholder that sells shares of our common stock pursuant to this prospectus may be deemed to be an "underwriter" within the meaning of the Securities Act. If any broker-dealers are used to effect sales, any commissions paid to broker-dealers and, if broker-dealers purchase any of the shares of common stock covered by this prospectus as principals, any profits received by such broker-dealers on the resales of shares may be deemed to be underwriting discounts or commissions under the Securities Act.

We will not receive any proceeds from sales of the shares of our common stock covered by this prospectus by any of the selling stockholders. The shares may be offered, from time to time, by any or all of the selling stockholders through ordinary brokerage transactions, in negotiated transactions or in other transactions, at such prices as he, she or they may determine, which may relate to market prices prevailing at the time of sale or be a negotiated price. See "Plan of Distribution." We will bear all costs, expenses and fees in connection with the registration of the shares. Brokerage commissions and similar selling expenses, if any, attributable to the offer or sale of the shares will be borne by the selling stockholders.

Our common stock is listed on the NYSE AMEX under the symbol "CUR." On February 25, 2011, the closing price of our common stock on the NYSE AMEX was \$2.04 per share. You are urged to obtain current market quotations of our common stock before purchasing any of the shares being offered for sale pursuant to this prospectus. Our principal executive offices are located at 9700 Great Seneca Highway, Rockville, MD, and our telephone number at that address is 301-366-4841.

Investing in our common stock involves risks. See "Risk Factors" on page 4 of this reoffer prospectus. These are speculative securities.

**NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THESE SECURITIES OR PASSED UPON THE ACCURACY OR ADEQUACY OF THIS PROSPECTUS. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENCE.**

This prospectus is dated March 1, 2011.



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NO PERSON HAS BEEN AUTHORIZED TO GIVE ANY INFORMATION OR TO MAKE ANY REPRESENTATIONS, OTHER THAN THOSE CONTAINED IN THIS PROSPECTUS, IN CONNECTION WITH THE OFFERING MADE HEREBY, AND, IF GIVEN OR MADE, SUCH INFORMATION OR REPRESENTATION MUST NOT BE RELIED UPON AS HAVING BEEN AUTHORIZED BY THE COMPANY OR ANY OTHER PERSON. NEITHER THE DELIVERY OF THIS PROSPECTUS NOR ANY SALE MADE HEREUNDER SHALL UNDER ANY CIRCUMSTANCES CREATE ANY IMPLICATION THAT THERE HAS BEEN NO CHANGE IN THE AFFAIRS OF THE COMPANY SINCE THE DATE HEREOF. THIS PROSPECTUS DOES NOT CONSTITUTE AN OFFER TO SELL OR A SOLICITATION OF AN OFFER TO BUY ANY SECURITIES OFFERED HEREBY BY ANYONE IN ANY JURISDICTION IN WHICH SUCH OFFER OR SOLICITATION IS NOT AUTHORIZED OR IN WHICH THE PERSON MAKING SUCH OFFER OR SOLICITATION IS NOT QUALIFIED TO DO SO OR TO ANY PERSON TO WHOM IT IS UNLAWFUL TO MAKE SUCH OFFER OR SOLICITATION.

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## PROSPECTUS SUMMARY

This summary highlights certain information found in greater detail elsewhere in this prospectus. This summary may not contain all of the information that may be important to you. We urge you to read this entire prospectus carefully, including the risks of investing in our common stock discussed under “Risk Factors” and the financial statements and other information that is incorporated by reference into this prospectus, before making an investment decision. In addition, this prospectus summarizes other documents which we urge you to read.

All references in this prospectus to “Neuralstem,” “we,” “us,” “our” or “our company” refer to Neuralstem, Inc. Also, a reference to “common shares” or “common stock” refers to our \$.01 par value common stock.

## NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. Any statements about our expectations, beliefs, plans, objectives, assumptions or future events or performance are not historical facts and may be forward-looking. These forward-looking statements include, but are not limited to, statements about:

- the success of our research and development activities, the development of a viable commercial product, and the speed with which regulatory authorizations and product launches may be achieved;
- whether or not a market for our product develops, and, if a market develops, the rate at which it develops;
- our ability to successfully sell or license our products if a market develops;
- our ability to attract and retain qualified personnel to implement our business plan and corporate growth strategies;
- our ability to develop sales, marketing, and distribution capabilities;
- our ability to obtain reimbursement from third party payers for our proposed products if they are developed;
- the accuracy of our estimates and projections;
- our ability to secure additional financing to fund our short-term and long-term financial needs;
- changes in our business plan and corporate strategies; and
- other risks and uncertainties discussed in greater detail in the section captioned “Risk Factors.”

Each forward-looking statement should be read in context with, and in understanding of, the various other disclosures concerning our company and our business made elsewhere in this prospectus as well as our public filings with the SEC. You should not place undue reliance on any forward-looking statement as a prediction of actual results or developments. We are not obligated to update or revise any forward-looking statements contained in this prospectus or any other filing to reflect new events or circumstances unless and to the extent required by applicable law.

## OUR BUSINESS

This summary highlights selected information appearing elsewhere or incorporated by reference in this prospectus and may not contain all of the information that is important to you. This summary is not complete and does not contain all of the information that you should consider before investing in our securities. To fully understand this offering and its consequences to you, you should read this entire prospectus, including the information referred to under the heading “Risk Factors” in this prospectus and the financial statements and other information incorporated by reference in this prospectus when making an investment decision.

#### Overview

We are focused on the development and commercialization of treatments based on transplanting human neural stem cells and small molecule compounds.

We have developed and maintain a portfolio of patents and patent applications that form the proprietary base for our research and development efforts in the area of neural stem cell research. We own or exclusively license fourteen (14) issued patents and twenty-two (22) patent pending applications in the field of regenerative medicine and related technologies. We believe our technology base, in combination with our know-how, and collaborative projects with major research institutions, provide a competitive advantage and will facilitate the development and commercialization of products for use in the treatment of a wide array of neurodegenerative conditions and in regenerative repair of acute disease.

Regenerative medicine is a young and emerging field. Regenerative medicine is the process of creating living, functional tissues to repair or replace tissue or organ function lost due to age, disease, damage, or congenital defects. There can be no assurances that our intellectual property portfolio will ultimately produce viable commercialized products and processes. Even if we are able to produce a commercially viable product, there are strong competitors in this field and our products may not be able to successfully compete against them.

All of our research efforts to date are at the pre-clinical or clinical stage of development. We are focused on leveraging our key assets, including our intellectual property, our scientific team and our facilities, to advance our technologies. In addition, we are pursuing strategic collaborations with members of academia.

#### Clinical Trials

On December 18, 2008 we filed our first Investigational New Drug Application (“IND”) with the U.S. Food and Drug Administration (“FDA”) to begin a clinical trial to treat Amyotrophic Lateral Sclerosis (“ALS” or “Lou Gehrig’s disease”). On September 21, 2009, the FDA approved our IND. The first patient in our study was dosed on January 21, 2010 at Emory University in Atlanta Georgia. In May of 2010, we announced that, after reviewing the safety data from the first cohort of three patients, the Safety Monitoring Board had approved moving to the next cohort and transplanting the fourth patient. The first cohort of patients received five injections of the Company’s spinal cord stem cells on one side of the spinal cord. The second cohort of three patients will receive ten injections, five on each side of the cord. The trial will ultimately consist of up to 18 ALS patients, who will be examined at regular intervals post-surgery, with final review of the data to come six months after the last patient is treated. To date, we have treated 7 patients. It is still too early in the trials to make any determination as to its level of success, if any.

On August 22, 2010, we filed our second IND with the FDA in connection with our proposed Phase I clinical trials for chronic spinal cord injury. In October of 2010, we were notified that our IND for spinal cord injury had been placed on clinical hold. At the time, the FDA provided us with specific comments, questions and recommendations for modifications to our trial protocol as contained in our IND. We anticipate the study, if approved and commenced, will be a multi-site study in the U.S.

In December of 2010, the FDA approved our IND application to initiate a Phase Ia safety trial to test NSI-189, our first small molecule compound, for the treatment of major depression.

#### Technology

##### Stem Cells

Our technology enables the isolation and large-scale expansion of human neural stem cells from all areas of the developing human brain and spinal cord, thus enabling the generation of physiologically relevant human neurons of all types. Our two issued core patents entitled: (i) Isolation, Propagation, and Directed Differentiation of Stem Cells from Embryonic and Adult Central Nervous System of Mammals; and (ii) In Vitro Generation of Differentiated Neurons from Cultures of Mammalian Multipotential CNS Stem Cell contain claims which cover the process of

deriving the cells as well as the cells created from this process.

What differentiates our stem cell technology from others is that our patented processes do not require us to direct our cells towards a certain fate by adding specific growth factors. Our cells actually “become” the type of cell they are fated to be. This process and the resulting cells comprise a technology platform that allows for the efficient isolation and production, in commercially reasonable quantities, of neural stem cells from the human brain and spinal cord.

To date we have focused our efforts on applications involving spinal cord stem cells. We believe we have established “proof of principle” for two important spinal cord applications: ALS, or Lou Gehrig’s disease, and Ischemic Spastic Paraplegia (a painful form of spasticity that may arise as a complication of surgery to repair aortic aneurysms). Of these applications, we have commenced Phase I trials with regard to ALS.

We intend to treat both chronic and acute spinal cord injury with the same spinal cord stem cells, utilizing the same injection devices we are using for ALS. We, therefore, add to our knowledge about the surgical route of entry for both the ALS patients and the spinal cord injury patients with each patient we treat in the ALS trial.

### Small-molecule Compounds

We have performed tests on cultured neural stem cells as well as in animal models in order to validate the performance of small molecule compounds for hippocampal neurogenesis. As a result of those tests, we feel that our small molecule compound may have an application with regard to the treatment of depression. In December of 2010 the FDA approved our phase 1a human trial for Major Depressive Disorder.

In July of 2009, the U.S. Patent and Trademark Office issued the patent covered by patent application 12/049,922, entitled "Use of Fused Nicotinamides to Promote Neurogenesis," which claims four chemical entities and any pharmaceutical composition included in them.

### Research

We have devoted substantial resources to our research programs in order to isolate and develop a series of neural stem cell banks that we believe can serve as a basis for our therapeutic products. Our efforts to date have been directed at methods to identify, isolate and culture large varieties of stem cells of the human nervous system, and to develop therapies utilizing these stem cells. This research is conducted internally, through the use of third party laboratories and consulting companies under our direct supervision, and through collaboration with academic institutes.

### Operating Strategy

We employ an outsourcing strategy where we outsource all of our Good Laboratory Practices, preclinical development activities and GMP manufacturing and clinical development activities to contract research organizations and contract manufacturing organizations as well as all non-critical corporate functions. Manufacturing is also outsourced to organizations with approved facilities and manufacturing practices. This outsource model allows us to better manage cash on hand and eliminates non-vital expenditures. It also allows for us to operate with relatively fewer employees and lower fixed costs than that required by our competitors.

### Employees

As of October 31, 2010, we had 8 full-time employees and 11 full time independent contractors. Of these employees, 3 work on research and development and 5 in administration. We also use the services of numerous outside consultants in business and scientific matters.

### Our Corporate Information

We were incorporated in Delaware. Our principal executive offices are located at 9700 Great Seneca Highway, Rockville, Maryland 20850, and our telephone number is (301) 366-4841. Our website is located at [www.neuralstem.com](http://www.neuralstem.com). We have not incorporated by reference into this prospectus supplement or the accompanying base prospectus the information in, or that can be accessed through, our website, and you should not consider it to be a part of this prospectus supplement or the accompanying prospectus.

## THE OFFERING

Issuer	Neuralstem, Inc., a Delaware corporation
Common Stock Offered	17,150,000 shares of our common stock, par value \$0.01 per share.

Use of Proceeds

We will not receive any proceeds from the sale of common shares by the selling stockholders pursuant to this prospectus. The selling stockholders will receive all proceeds from the sales of these shares, and they will pay any and all expenses incurred by them for brokerage, accounting or tax services (or any other expenses incurred by them in disposing of their shares). In the event the selling stockholders exercise their awards with cash, we will receive cash proceeds from such exercise. The amount of such proceeds will be dependent on a number of factors which we cannot calculate at this time including the exercise price of the awards. All proceeds received from the exercise of awards, if any, will be used for working capital.

Risk Factors

Before deciding to invest in shares of our common stock, you should read carefully the risks set forth under the caption "Risk Factors" beginning on page 4 of this prospectus, and the risks described in our periodic reports incorporated by reference in this prospectus supplement and the accompanying prospectus.

NYSE AMEX

CUR

## RISK FACTORS

An investment in our securities involves risks. Before you invest in our securities, you should carefully consider the risk factors included in our most recent annual report on Form 10-K, subsequent quarterly reports on Form 10-Q, our current reports on Form 8-K, as well as risks described in “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and cautionary notes regarding forward-looking statements included or incorporated by reference herein, together with all of the other information included in this prospectus and the documents we incorporate by reference.

If any of these risks were to materialize, our business, results of operations, cash flows and financial condition could be materially adversely affected. In that case, our ability to make distributions to our shareholders or pay interest on, or the principal of, any debt securities, may be reduced, the trading price of our securities could decline and you could lose all or part of your investment.

## DETERMINATION OF OFFERING PRICE

The selling stockholders may sell the common shares issued to them from time-to-time at prices and at terms then prevailing or at prices related to the then current market price, or in negotiated transactions.

## USE OF PROCEEDS

We will not receive any proceeds from the sale of common shares by the selling stockholders pursuant to this prospectus. The selling stockholders will receive all proceeds from the sales of these shares, and they will pay any and all expenses incurred by them for brokerage, accounting or tax services (or any other expenses incurred by them in disposing of their shares). In the event the selling stockholders exercise their awards with cash, we will receive cash proceeds from such exercise. The amount of such proceeds will be dependent on a number of factors which we cannot calculate at this time including the exercise price of the awards. All proceeds received from the exercise of awards, if any, will be used for working capital.

## SELLING STOCKHOLDERS

This prospectus relates to the offering and sale, from time to time, of up to 17,150,000 shares of our common stock held or to be acquired by the stockholders named in the tables below (“Selling Stockholders”) following the exercise of awards previously granted or to be granted pursuant to our Plans or as a result of restricted stock grants. The Selling Stockholders may acquire additional shares of our common stock under the Plans. The selling stockholders may resell any or all of the shares of our common stock, when issued, subject to vesting conditions in some cases, while this prospectus is effective. See “Plan of Distribution.”

Officers and directors, their family members, trusts for their benefit, or entities that they control, that acquire common stock under our benefit plans may be added to the selling stockholder list below by a prospectus supplement filed with the SEC. The number of shares of our common stock available to be sold by any selling stockholder under this prospectus also may be increased or decreased by a prospectus supplement, subject to the aggregate number of shares included within this prospectus. Although a person’s name is included in the table below, neither that person nor we are making an admission that the named person is our “affiliate.” Each selling stockholder will receive all of the net proceeds from the sale of his or her shares covered by this prospectus.

The following table identifies each selling stockholder of the Company and sets forth, based on the information available to us on February 17, 2011, (i) the name and relationship to us of each selling stockholder; (ii) the number of shares of common stock outstanding that, to our knowledge, are beneficially owned by such selling stockholder; (iii)

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the number of shares of common stock are available to be sold by such selling stockholder; and (iv) the number of shares of common stock that will be owned by such selling stockholder and the percentage, if 1% or more, of common stock outstanding that such shares will represent after the completion of this offering.

Name	Position	Common Shares Owned Before Sale (1)				Common Shares Owned After Sale (2)			
		Held Outright	Convertible Securities(3)	Amount	% of class	Shares being registered	Amount	% of Class	
John Conron	CFO	115,492	1,215,948	1,331,440	2.69 %	1,316,440(4)	15,000		*
Karl Johe, Ph.D	CSO	1,871,984	6,906,242	8,778,226	15.90 %	4,082,742(5)	4,695,484		8.50 %
Richard Garr, JD	CEO, General Counsel	1,588,072	3,563,147	5,151,219	9.93 %	3,987,135(6)	1,164,084		2.24 %
Scot Ogilvie	Director	15,000	165,000	180,000	*	180,000 (7)	-		*
Thomas Hazel	Senior VP of Research	-	200,000	200,000	*	200,000 (8)	-		*
William Oldaker	Director	104,300	165,000	269,300	*	180,000 (9)	89,300		*
Stanley Westreich	Director	1,482,902	10,000	1,492,902	3.09 %	35,000 (10)	1,457,902		3.02 %

(1) Pursuant to Rules 13d-3 and 13d-5 of the Exchange Act, beneficial ownership includes any common shares as to which a shareholder has sole or shared voting power or investment power, and also any common shares which the shareholder has the right to acquire within 60 days, including upon exercise of common shares purchase options or warrants. There were 48,319,384 common shares outstanding as of February 17, 2011.

(2) Assumes the sale of all common shares being registered pursuant to this registration statement.

(3) Includes shares underlying Convertible Securities.



- (4) Represents: (i) 1,215,948 shares underlying common stock purchase options, and (ii) 100,492 restricted shares.
- (5) Represents: (i) 3,906,242 shares underlying common stock purchase options, and (ii) 176,500 restricted shares.
- (6) Represents: (i) 3,563,147 shares underlying common stock purchase options, and (ii) 423,988 restricted shares.
- (7) Represents: (i) 165,000 shares underlying common stock purchase options, and (ii) 15,000 restricted shares.
- (8) Represents: (i) 200,000 shares underlying common stock purchase options.
- (9) Represents: (i) 165,000 shares underlying common stock purchase options, and (ii) 15,000 restricted shares.
- (10) Represents (i) 10,000 shares underlying common stock purchase options, and (ii) 25,000 restricted stock units.

#### PLAN OF DISTRIBUTION

The Selling Stockholders and any of their pledgees, donees, transferees, assignees and successors-in-interest may, from time to time, sell any or all of their shares of Common Stock on any stock exchange, market or trading facility on which the shares are traded or in private transactions. These sales may be at fixed or negotiated prices. The Selling Stockholders may use any one or more of the following methods when selling shares:

- (i) ordinary brokerage transactions and transactions in which the broker-dealer solicits investors;
- (ii) block trades in which the broker-dealer will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction;
- (iii) purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- (iv) an exchange distribution in accordance with the rules of the applicable exchange;
- (v) privately negotiated transactions;
- (vi) short sales;
- (vii) broker-dealers may agree with the Selling Stockholders to sell a specified number of such shares at a stipulated price per share;
- (viii) a combination of any such methods of sale; and
- (ix) any other method permitted pursuant to applicable law.

The Selling Stockholders may also sell shares under Rule 144 under the Securities Act, if available, rather than under this prospectus.

Broker-dealers engaged by the Selling Stockholders may arrange for other brokers-dealers to participate in sales. Broker-dealers may receive commissions or discounts from the Selling Stockholders (or, if any broker-dealer acts as agent for the purchaser of shares, from the purchaser) in amounts to be negotiated. The Selling Stockholders do not expect these commissions and discounts to exceed what is customary in the types of transactions involved.

The Selling Stockholders may from time to time pledge or grant a security interest in some or all of the shares owned by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell shares of Common Stock from time to time under this prospectus, or under an amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act of 1933, as amended, amending the list of Selling Stockholders to include the pledgee, transferee or other successors in interest as Selling Stockholders under this prospectus.

The Selling Stockholders also may transfer the shares of Common Stock in other circumstances, in which case the transferees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

The Selling Stockholders and any broker-dealers or agents that are involved in selling the shares may be deemed to be “underwriters” within the meaning of the Securities Act in connection with such sales. In such event, any commissions received by such broker-dealers or agents and any profit on the resale of the shares purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act. Discounts, concessions, commissions and similar selling expenses, if any, that can be attributed to the sale of securities will be paid by the selling stockholder and/or the purchasers. At the time a particular offer of shares is made by the Selling Stockholders, to the extent required, a prospectus will be distributed. Each selling stockholder has represented and warranted to the Company that it acquired the securities subject to this registration statement in the ordinary course of such selling stockholder’s business and, at the time of its purchase of such securities such selling stockholder had no agreements or understandings, directly or indirectly, with any person to distribute any such securities.

## INTERESTS OF NAMED EXPERTS AND COUNSEL

The validity of the issuance of the securities offered hereby will be passed upon for us by The Silvestre Law Group, P.C. Westlake Village, California. The Silvestre Law Group, P.C. or its affiliates or principals own 54,000 shares of common stock.

## EXPERTS

The financial statements incorporated in this prospectus by reference from the Company's Annual Report on Form 10-K have been audited by Stegman & Company, an independent registered public accounting firm, as stated in their report, which is incorporated herein by reference. Such financial statements have been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing. Stegman & Company has no interest in the shares being registered in this filing.

## INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

This prospectus is part of a registration statement on Form S-8. The prospectus is prepared in accordance with the requirements of Part I of Form S-3 and General Instruction C of the instructions to Form S-8. The SEC allows this filing to "incorporate by reference" information that the Company previously has filed with the SEC. This means the Company can disclose important information to you by referring you to other documents that it has filed with the SEC.

The information that is incorporated by reference is considered part of this prospectus, and information that the Company files later will automatically update and may supersede this information. For further information about the Company and the securities being offered, you should refer to the registration statement and the following documents that are incorporated by reference:

- Our Annual Report on Form 10-K and 10-K/A filed with the Commission on March 31, 2010 and as amended on October 5, 2010, for the year ended December 31, 2009;
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2010, filed on May 17, 2010;
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2010, filed on August 16, 2010;
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended September 30, 2010, filed on November 15, 2010;
- Our Current Reports on Form 8-K filed on June 11, 2010, June 29, 2010, July 14, 2010, November 22, 2010 and February 15, 2011 (excluding any information furnished in such reports under Item 2.02, Item 7.01 or Item 9.01);
- Our Definitive Proxy Statement on Schedule 14A for our 2010 Annual Meeting of Stockholders, filed with the SEC on March 26, 2010; and
- The description of our common stock contained in our registration statement on Form 8-A (Registration No. 001-33672), as amended, filed with the Commission on August 23, 2007.

All documents filed by the Company subsequent to those listed above with the SEC pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act of 1934, as amended, prior to the termination of the offering, shall be deemed to be incorporated by reference into this prospectus and to be a part hereof from the date of filing of such documents. Any statement contained in a document incorporated by reference herein shall be deemed to be modified or superseded for

purposes of this prospectus to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

We will provide without charge to each person, including any beneficial owner, to whom this prospectus is delivered, upon written or oral request, a copy of any or all documents that are incorporated by reference into this prospectus, but not delivered with the prospectus, other than exhibits to such documents unless such exhibits are specifically incorporated by reference into the documents that this prospectus incorporates. You should direct written requests to: NEURALSTEM, INC, 9700 Great Seneca Highway, Rockville, Maryland 20850 Attn: Chief Financial Officer, Tel: (301) 366-4841.

## WHERE YOU CAN FIND MORE INFORMATION

We are a reporting company under the Securities Exchange Act of 1934 (the "Exchange Act") and we file annual, quarterly and current reports, proxy statements and other information with the United States Securities and Exchange Commission. You may read and copy any material that we file with the Securities and Exchange Commission at the Public Reference Section, at 100 F Street, NE, Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the public reference room. The SEC also maintains a web site at <http://www.sec.gov> that contains reports, proxy statements and information regarding issuers that file electronically with the SEC. This prospectus is part of a registration statement on Form S-8 that we filed with the SEC. The registration statement contains more information than this prospectus regarding us and the securities offered, including certain exhibits. You can obtain a copy of the registration statement from the SEC at any address listed above or from the SEC's Internet site.

In addition, we maintain a web site that contains information regarding our company, including copies of reports, proxy statements and other information we file with the SEC. The address of our web site is [www.neuralstem.com](http://www.neuralstem.com). Except for the documents specifically incorporated by reference into this prospectus, information contained on our website or that can be accessed through our website does not constitute a part of this prospectus. We have included our website address only as an inactive textual reference and do not intend it to be an active link to our website.

You should rely only on the information contained in this prospectus, including information incorporated by reference as described above, or any supplement that we have referred you to. We have not authorized anyone else to provide you with different information. You should not assume that the information in this prospectus or any supplement is accurate as of any date other than the date on the front of those documents or that any document incorporated by reference is accurate as of any date other than its filing date. You should not consider this prospectus to be an offer or solicitation relating to the securities in any jurisdiction in which such an offer or solicitation relating to the securities is not authorized. Furthermore, you should not consider this prospectus to be an offer or solicitation relating to the securities if the person making the offer or solicitation is not qualified to do so, or if it is unlawful for you to receive such an offer or solicitation.

## DISCLOSURE OF COMMISSION POSITION ON INDEMNIFICATION

Our directors and officers are indemnified as provided by the Delaware General Corporation Law, our Certificate of Incorporation, our Bylaws and pursuant to agreements. To the extent that indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or persons controlling our company pursuant to the foregoing provisions, we have been informed that, in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable. If a claim for indemnification against such liabilities (other than the payment by us of expenses incurred or paid by a director, officer or controlling person of our company in the successful defense of any action, suit or proceeding) is asserted by any of our directors, officers or controlling persons in connection with the securities being registered, we will, unless in the opinion of our counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by us is against public policy as expressed in the Securities Act and will be governed by the final adjudication of that issue.

You should rely only on the information contained in or incorporated by reference into this prospectus. We have not authorized any person to give any information or to make any representations other than those contained or incorporated by reference in this prospectus, and, if given or made, you must not rely upon such information or representations as having been authorized. This prospectus does not constitute an offer to sell or the solicitation of an offer to buy any securities other than the securities described in this prospectus or an offer to sell or the solicitation of an offer to buy such securities in any circumstances in which such offer or solicitation is unlawful. You should not assume that the information we have included in this prospectus is accurate as of any date other than the date of this prospectus or that any information we have incorporated by reference is accurate as of any date other than the date of the document incorporated by reference regardless of the time of delivery of this prospectus or of any securities registered hereunder.

17,150,000 Shares

NEURALSTEM, Inc.  
Common Stock  
PROSPECTUS

March 1, 2011

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents By Reference.

The following documents filed by the Company with the SEC are incorporated by reference in this Registration Statement:

- Our Annual Report on Form 10-K and 10-K/A filed with the Commission on March 31, 2010 and as amended on October 5, 2010, for the year ended December 31, 2009;
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2010, filed on May 17, 2010;
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2010, filed on August 16, 2010;
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended September 30, 2010, filed on November 15, 2010;
- Our Current Reports on Form 8-K filed on June 11, 2010, June 29, 2010, July 14, 2010 and November 22, 2010, and February 15, 2011 (excluding any information furnished in such reports under Item 2.02, Item 7.01 or Item 9.01);
- Our Definitive Proxy Statement on Schedule 14A for our 2010 Annual Meeting of Stockholders, filed with the SEC on March 26, 2010; and
- The description of our common stock contained in our registration statement on Form 8-A (Registration No. 001-33672), as amended, filed with the Commission on August 23, 2007.

All reports and other documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act prior to the filing of a post-effective amendment that indicates that all securities offered have been sold or that deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of the filing of such reports and documents. Unless expressly incorporated into this Registration Statement, a report furnished but not filed on Form 8-K shall not be incorporated by reference into this Registration Statement.

Item 4. Description of Securities.

Not Applicable

Item 5. Interest of Named Experts and Counsel

The validity of the issuance of the securities offered hereby will be passed upon for us by The Silvestre Law Group, P.C. Westlake Village, California. The Silvestre Law Group, P.C. or its affiliates or principals own 54,000 shares of common stock.

Item 6. Indemnification of Directors and Officers

Section 102 of the Delaware General Corporation Law, as amended, or DGCL, allows a corporation to eliminate the personal liability of directors to a corporation or its stockholders for monetary damages for a breach of a fiduciary

duty as a director, except where the director breached his duty of loyalty, failed to act in good faith, engaged in intentional misconduct or knowingly violated a law, authorized the payment of a dividend or approved a stock repurchase or redemption in violation of Delaware corporate law or obtained an improper personal benefit.

Section 145 of the DGCL provides, among other things, that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding (other than an action by or in the right of the corporation) by reason of the fact that the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the corporation's request as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses, including attorneys' fees, judgments, fines and amounts paid in settlement actually and reasonably incurred by the person in connection with the action, suit or proceeding. The power to indemnify applies if (i) such person is successful on the merits or otherwise in defense of any action, suit or proceeding or (ii) such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation, and with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful. The power to indemnify applies to actions brought by or in the right of the corporation as well, but only to the extent of defense expenses (including attorneys' fees but excluding amounts paid in settlement) actually and reasonably incurred and not to any satisfaction of judgment or settlement of the claim itself, and with the further limitation that in such actions no indemnification shall be made in the event of any adjudication of negligence or misconduct in the performance of his duties to the corporation, unless a court believes that in light of all the circumstances indemnification should apply.



Section 174 of the DGCL provides, among other things, that a director who willfully and negligently approves of an unlawful payment of dividends or an unlawful stock purchase or redemption may be held liable for such actions. A director who was either absent when the unlawful actions were approved or dissented at the time, may avoid liability by causing his or her dissent to such actions to be entered in the books containing the minutes of the meetings of the board of directors at the time the action occurred or immediately after the absent director receives notice of the unlawful acts.

Our certificate of incorporation states that, to the fullest extent permitted by the DGCL, no director shall be personally liable to us or our stockholders for monetary damages for breach of fiduciary duty as director.

Our bylaws provide that we shall, to the fullest extent authorized by the DGCL, indemnify any person who was or is made a party or threatened to be made a party to or is involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that he or she or a person of whom he or she is the legal representative, is or was our director or officer or is or was serving at our request as a director or officer of another corporation, or as a controlling person of a partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, whether the basis of such proceeding is alleged action in an official capacity as a director or officer, or in any other capacity while serving as a director or officer, against all expenses, liability or loss reasonably incurred or suffered by such person in connection with such action, suit or proceeding. Our bylaws also provide that we may enter into one or more agreements with any director, officer, employee or agent of ours, or any person serving at our request as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, including employee benefit plans, that provides for indemnification rights equivalent to or, if our board of directors so determines, greater than, those provided for in such bylaws.

Item 7. Exemption from Registration Claimed.

The issuance of the shares of restricted stock being registered for resale in this registration statement was exempt from registration under the Securities Act by reason of Section 4(2) thereof, since the issuances were made to a small number of directors, officers and employees of the Company and were not public offerings.

Item 8. Exhibits

See Exhibit Index beginning on page 13 of this registration statement.

Item 9. Undertakings.

(a) The undersigned Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) to include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) to reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement; and

(iii) to include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement;

provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the registration statement is on Form S-8, and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time will be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in this registration statement will be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time will be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant, Neuralstem, Inc. certifies that it has reasonable grounds to believe that it meets all of the requirements for filing a Form S-8 and has duly caused this amended registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Rockville, Maryland on the 1st day of March, 2011.

NEURALSTEM, INC.

By:

/s/ I. Richard Garr  
 I. Richard Garr  
 Chief Executive Officer

POWER OF ATTORNEY

Each person whose signature appears below constitutes and appoints Richard Garr, Chief Executive Officer, and John Conron, Chief Financial Officer, as his true and lawful attorney-in-fact and agent with full power of substitution and re-substitution for him and his name, place and stead, in any and all capacities, to sign any or all amendments to this amended registration statement (including further post-effective amendments or any abbreviated registration statements and any amendments thereto filed pursuant to Rule 462(b) increasing the number of securities for which registration is sought) and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the foregoing, as fully to all intents and purposes as he might or could do in person hereby ratifying and confirming all that said attorney-in-fact, or his substitute, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this amended registration statement has been signed below by the following persons in the capacities and on the date indicated.

REGISTRANT'S OFFICERS AND DIRECTORS

Name	Title	Date
/s/ I. Richard Garr I. Richard Garr	President, Chief Executive Officer and Director (Principal executive officer)	March 1, 2011
/s/ John Conron John Conron	Chief Financial Officer (Principal financial and accounting officer)	March 1, 2011
/s/ Karl Johe Karl Johe	Chairman of the Board and Director	March 1, 2011
/s/ William Oldaker William Oldaker	Director	March 1, 2011
/s/ Scott Ogilvie Scott Ogilvie	Director	March 1, 2011



## INDEX TO EXHIBITS

Exhibit No.	Description	Filed		Incorporated by Reference		Filing Date
		Herewith	Form	Exhibit No.	File No.	
4.01**	Amended and Restated 2005 Stock Plan adopted on June 28, 2007		10-QSB	4.2(i)	333-132923	8/14/07
4.02**	Non-qualified Stock Option Agreement between Neuralstem, Inc. and Richard Garr dated July 28, 2005		SB-2	4.4	333-132923	6/21/06
4.03**	Non-qualified Stock Option Agreement between Neuralstem, Inc. and Karl Johe dated July 28, 2005		SB-2	4.5	333-132923	6/21/06
4.04**	Neuralstem, Inc. 2007 Stock Plan		10-QSB	4.21	333-132923	8/14/07
4.05**	Form of employee and consultant option grant pursuant to our 2005 and 2007 Stock Plan and 2010 Equity Compensation Plan.		10-K	4.23	001-33672	3/31/10
4.06**	Form of Restricted Stock Aware Agreement pursuant to our 2007 Stock Plan and 2010 Equity Compensation Plan	*				
4.07**	Neuralstem 2010 Equity Compensation Plan		8-K	10.01	001-33672	7/14/10
4.08**	Form of Restricted Stock Unit Agreement	*				
5.01	Opinion of Silvestre Law Group, P.C.	*				
23.01	Consent of Stegman and Company	*				
23.02	Consent of Silvestre Law Group, APLC (contained in opinion filed as Exhibit 5.01 to this registration statement)	*				
24.01	Power of Attorney – Included on the signature page	*				

\*\*Management contracts or compensation plans or arrangements in which directors or executive officers are eligible to participate.