**NervGen Pharma to Present Topline Data for NVG-291 Phase 1b/2a Chronic Cohort Study at the American Spinal Injury Association Annual Scientific Meeting**

**VANCOUVER, Canada,** May 21, 2025 – **NervGen Pharma Corp. (TSX-V: NGEN) (OTCQB: NGENF)**, a clinical-stage biotechnology company dedicated to developing neuroreparative therapeutics, today announced that topline results from the chronic cohort of the ongoing Phase 1b/2a study of NVG-291 will be presented as an oral presentation at the 52nd American Spinal Injury Association Annual Scientific Meeting being held June 2-4, 2025 in Scottsdale, AZ.

"We are looking forward to completing the data analysis, unblinding the data, and presenting the first results from the chronic cohort in this initial proof-of-concept, double-blind, placebo-controlled clinical trial of NVG-291 in spinal cord injury ("SCI")," stated Daniel Mikol, MD, Ph.D., NervGen's Chief Medical Officer. "In this trial we have incorporated both clinical assessments as well as electrophysiological assessments of connectivity, as we feel this gives the highest probability of observing and characterizing an efficacy signal with NVG-291. We are hopeful that the results of the chronic cohort of our Phase 1b/2a trial may demonstrate, for the first time, the potential for NVG-291 to enable neural repair in individuals with SCI and will support further investigation of NVG-291 in SCI."

**Presentation Details:**

**Presenting Author:** Daniel Mikol MD, Ph.D., Chief Medical Officer, NervGen
**Presentation Title**: A 16-week Placebo-controlled Phase 1b/2a Study of NVG-291: Results for the Chronic Cohort
**Session Name:** General Session 6: Clinical Trial Updates: Clinical Trials: What's the Latest and When Will it Get Here?
**Session Date:** Tuesday, June 3, 2025
**Session Time:** 10:40 AM-11:40 AM MST
**Location:** Arizona Ballroom I, Grand Hyatt Scottsdale Resort, 7500 E. Doubletree Ranch Rd., Scottsdale, AZ

**About NVG-291**
NervGen holds exclusive worldwide rights to NVG-291, a first-in-class therapeutic peptide targeting nervous system repair. NVG-291's technology is licensed from Case Western Reserve University and is based on academic studies that demonstrated the preclinical efficacy of NVG-291-R, the rodent prototype of NVG-291, in animal models of spinal cord injury. These studies implicated several potential molecular and cellular mechanisms by which NVG-291-R promotes neurorepair and functional improvement in both central and peripheral nervous system injury models. The implicated mechanisms include the promotion of neuronal sprouting, or plasticity, remyelination, and promotion of a non-inflammatory phenotype in the microglial cells. NervGen has received Fast Track designation from the FDA for NVG-291 in individuals with spinal cord injury.

**About Phase 1b/2a Trial**
The double-blind, placebo-controlled proof-of-concept Phase 1b/2a clinical trial (NCT05965700) evaluates the safety and efficacy of NVG-291 in two separate cohorts of individuals with cervical motor incomplete spinal cord injury: chronic (1-10 years post-injury) and subacute (20-90 days post-injury), given demonstrated efficacy in preclinical models of both chronic and acute spinal cord injury. The trial is designed to evaluate the safety and efficacy of a fixed dose of NVG-291 using electrophysiological and

MRI imaging measures, functional clinical outcome measures, and blood biomarkers that together will provide comprehensive information about the extent of recovery of somatic and autonomic function post-injury. Specifically, the primary objective seeks to assess changes in corticospinal connectivity of defined upper and lower extremity muscle groups following treatment, based on changes in motor evoked potential amplitudes. Secondary objectives evaluate changes in multiple clinical outcome assessments focusing on motor function, upper extremity dexterity, grasping and immobility, and additional electrophysiological measurements. The cohorts will be comprised of 20 subjects each and will be evaluated independently in a blinded manner as the data becomes available. The trial is being partially funded by a grant from Wings for Life, which is being provided in several milestone-based payments and will offset a portion of the direct costs of this clinical trial. More information about participation in the subacute study is available at www.connectscistudy.com.

**About NervGen**

NervGen (TSXV: NGEN, OTCQB: NGENF) is a clinical-stage biotech company dedicated to developing innovative treatments to promote nervous system repair in settings of neurotrauma and neurologic disease. The company is testing the clinical efficacy of its lead candidate, NVG-291, in a Phase 1b/2a clinical trial in spinal cord injury and has initiated preclinical test of concept evaluation of our pipeline candidate, NVG-300, in models of ischemic stroke and spinal cord injury. For more information, visit www.nervgen.com and follow NervGen on X and LinkedIn for the latest news on the company.

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**Cautionary Note Regarding Forward-Looking Statements**

This news release may contain “forward-looking information” and “forward-looking statements” within the meaning of applicable Canadian and United States securities legislation (collectively, “forward-looking statements”). Such forward-looking statements herein include but are not limited to, the Company’s current and future plans, expectations and intentions, results, levels of activity, performance, goals or achievements, or any other future events or developments constitute forward-looking statements, and the words “may”, “will”, “would”, “should”, “could”, “expect”, “plan”, “intend”, “trend”,

“indication”, “anticipate”, “believe”, “estimate”, “predict”, “likely” or “potential”, or the negative or other variations of these words or other comparable words or phrases, are intended to identify forward-looking statements. Forward-looking statements include, without limitation, statements relating to: the subject matter to be presented at the upcoming conference; the objectives, planned clinical endpoints, timing, expected rate of enrollment, and timing of data readout and study design of our Phase 1b/2a clinical trial of NVG-291 in individuals with spinal cord injury; the future development plans and benefits of NVG-291; the development plans and prospective target indications for NVG-300; the receipt of the milestone-based grant payments; and the creation of neuroreparative therapeutics to promote nervous system repair in settings of neurotrauma and neurologic disease.

Forward-looking statements are based on estimates and assumptions made by the company in light of management’s experience and perception of historical trends, current conditions and expected future developments, as well as other factors that we believe are appropriate and reasonable in the circumstances. In making forward-looking statements, we have relied on various assumptions, including, but not limited to: our ability to obtain future funding on favourable terms or at all; the accuracy of our financial projections; obtaining positive results in our clinical and other trials; our ability to obtain necessary regulatory approvals; our ability to arrange for the manufacturing of our product candidates and technologies; and general business, market and economic conditions.

Many factors could cause our actual results, level of activity, performance or achievements or future events or developments to differ materially from those expressed or implied by the forward-looking statements, including without limitation, a lack of revenue, insufficient funding, reliance upon key personnel, the uncertainty of the clinical development process, competition, and other factors set forth in the "Risk Factors" section of the company’s most recently filed prospectus supplement, short form base shelf prospectus, annual information form, financial statements and management discussion and analysis all of which can be found on NervGen’s profile on SEDAR+ at www.sedarplus.ca. All clinical development plans are subject to additional funding.

Readers should not place undue reliance on forward-looking statements made in this news release. Furthermore, unless otherwise stated, the forward-looking statements contained in this news release are made as of the date of this news release, and we have no intention and undertake no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable law. The forward-looking statements contained in this news release are expressly qualified by this cautionary statement.