BIONXT RECEIVES POSITIVE INTERNATIONAL EXAMINATION REPORT FROM THE EUROPEAN PATENT OFFICE FOR BROAD PATENT APPLICATION FOR SUBLINGUAL DELIVERY OF ANTICANCER DRUGS FOR THE TREATMENT OF AUTOIMMUNE NEURODEGENERATIVE DISEASES

VANCOUVER, BC – September 9, 2024 - BioNxt Solutions Inc. ("**BioNxt**" or the "**Company**") (CSE: BNXT / OTC: BNXTF / FSE: BXT) is pleased to report that the European Patent Office ("EPO") has issued a positive international examination report for the Company's comprehensive patent application for sublingual delivery of anticancer drug for the treatment of autoimmune neurodegenerative diseases. The Company expects the EU patent to be granted within eight weeks and to rapidly enter the national phase of the Patent Cooperation Treaty ("PCT") patent process with submissions planned for the US, Canada, China, Japan, Australia, and other jurisdictions.

BioNxt plans to continue development of and extend its patent portfolio regarding orally dispersible films ("ODFs") containing highly potent anticancer compounds for neurodegenerative diseases. The Company intends to file several related provisional patent applications in the EU with three to four patents expected to be on file in multiple major international jurisdictions by late 2025 to early 2026 with potential patent protection extending to 2045.

BioNxt's lead program is the development of a 100% owned and proprietary ODF Cladribine dosage form, directed at the multiple sclerosis ("MS") market. Cladribine tablets are currently approved for use in over 75 countries, including by the United States Food and Drug Administration ("FDA") and the European Medicines Agency ("EMA"), with 2023 annual sales in excess of one billion USD according to Merck KGaA. Cladribine tablets are approved for several indications, namely highly active forms of relapsing-remitting MS. MS represents the largest market segment for the sale of Cladribine with approximately 2.3 million people living with MS worldwide, with the highest prevalence in North America and Europe, noted by Atlas of MS. The global Multiple Sclerosis drug market is expected to top USD 41 billion by 2033 according to Market.us.

Further to the Company's MS program, BioNxt is pleased to announce that its second clinical indication using anticancer compounds in an ODF delivery system will be Myasthenia Gravis ("MG"). MG is an autoimmune and neuromuscular disease characterised by muscle weakness and fatigue. Similar to MS patients, MG patients commonly experience Dysphagia (difficulty swallowing), which is expected to yield a significant advantage to ODF drug products over conventional tablet forms. The global MG market is expected to reach USD 6.7 billion by 2032.

In general, the expectation of continued increasing prevalence of Central Nervous System ("CNS") pathologies will drive investment into new drugs and new drug delivery systems capable of targeting these diseases. The market size for drugs to treat CNS diseases is growing and expected to reach USD 238.8 billion by 2032 according to GMI Market Insights.

About BioNxt Solutions Inc.

BioNxt Solutions Inc. is a bioscience accelerator focused on next-generation drug formulations and delivery systems, diagnostic screening tests, and new active pharmaceutical production and evaluation, including: precision transdermal and oral dissolvable drug formulations; rapid, low-cost infectious disease and oral health screening tests; and standardization and clinical evaluation of emerging active pharmaceutical ingredients for neurological applications. The Company has research and development operations in North America and Europe, with an operational focus in Germany, and is currently focused on regulatory approval and commercialization of medical products for European markets.

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