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## **P163. CORRELATION BETWEEN TOXIC SUBSTANCES AND A VARIETY OF DISEASES, MAINLY NEURODEGENERATIVE DISORDERS**

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Neurodegenerative disorders are composed of a group of pathological traits, characterised by a progressive and irreversible loss of neurons within specific regions of a brain. The most commons are the following: Parkinson's Disease, Huntington's Disease, Alzheimer's Disease, and Amyotrophic Lateral Sclerosis. In a variable studies conducted, there has been a correlation found between an exposure to the elements of daily use, such as aluminum and copper, pesticide-derived heavy metals, such as manganese and mercury, and arsenic. In industry, the values of neurotoxic substances' emission to air have been determined to be really high. In addition, these substances' relation to the diseases, like secondary hypertension, type 2 diabetes mellitus are being researched. Also, evaluations regarding the synergistic effects of toxic substances if used together are being made. In this study, interesting and current evaluations within the topic are included with an aim of coming up certain evaluations regarding humans' health.

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