

## Exploring Common Etiology and Eradications of All Diseases from a Cell Perspective

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At present some difficult and complex diseases are significantly negatively affecting people's life such as cancers, diabetes, high pressure, genetic diseases, new types of infectious diseases, etc. For example, recent studies tried to starve cancer cells to death by limiting access to nutrients (e.g., glucose, amino acids, fatty acids, cholesterol, etc.), which is viewed as a powerful solution to cancers. Can the solution eliminate cancer cells from the root? What make normal cells turn into cancer cells? Why do diseases happen? How are diseases eradicated? The paper attempts to discover common etiology and eradications of all diseases by exploring cell nutrient element and crucial role of each nutrient element in cell health. By analyzing of a large number of experimental and theoretically based research results, it concluded that common etiology of all diseases is primarily due to the deficiency or overmuch of related nutrient elements in cells. The causes of cell nutrient element deficiency leading to diseases are due to insufficient ingestion, inhale or/and supply of related nutrient elements or more rapid loss or consumption than usual because of ingestion or inhale or formation of a sufficient number of harmful substances (carcinogens, virus, harmful bacterial, radiations, etc.) in the body. Supplementing nutrient elements in deficiency should be able to eradicate all diseases. If diseases do not disappear after sufficient supplementation, there must be a barrier to absorption of certain nutrient element(s) whose deficiency is associated with the disease, e.g., unsuccessful decomposition or/and synthesis or/and transport or/and receptors of related nutrient elements or/and problematic excretions of waste products of cells. Besides, hereditary diseases should also be due to the barrier to absorption of related nutrient elements, leading to deficiencies of related nutrient elements after full supply of related nutrient elements. Based on the barrier to absorption of related nutrient elements leading to innate or postnatal diseases, treatments of related diseases in the future (e.g., herbal remedies or/and drug or/and operation treatments or/and gene therapy) should focus on the removal of the barrier to related nutrient element absorption, e.g., problematic decomposition or/and synthesis or/and transport or/and receptors of related nutrient elements or/and excretions of waste products of cells. In some cases, cell nutrient element deficiency is also due to sufficiently excessive consumption of related nutrient elements or other nutrient elements. The research is significant. It is distinguished from current mainstream medical research direction. However, what is worth attention is that it provides a significant insight and solution for removal of difficult and complex diseases and also presents a more scientifically based medical research direction for future medical research and development.

### Keywords

Etiology, nutrient elements, carcinogen, virus, bacterial, cancer, hereditary diseases, absorption, decomposition, synthesis, transport, receptor, excretion

### Biography

Mei Yin has completed her MSc degree in [Healthcare Management](#). She is working on [Cancer and hereditary diseases](#).

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