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# EPIGENETICS AND CHROMOSOME

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## Epigenetics and oral health

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The avant-garde scientific scope of epigenetics is characterized with extremely intensive rate of development, corresponding to the dynamic, multi-dimensional interactions between the environmental factors and style of life of the individual and society as a whole. Epigenetics attracts scientists' interest and investigations of researchers towards reliable mechanisms of genetic expression, modified by multi-aspect social, behavioral, biological and other traits and specifics of the surrounding medium. Today pyelonephritis and nephrotic syndrome take the second position back to respiratory tract disorders, concerning distribution of diseases in the different periods of childhood. Nephro-logical noxae exert impact upon individual organs and systems. Hard teeth structures and soft tissues are also afflicted in condition of renal disorders. On the other hand, tooth decay, characterized as a multi-etiology and multi-pathology related process of destruction of dental tissues, is considered as an outstanding problem with explicit social significance. Caries is marked with a wide range of complicated long-term effects upon oral cavity tissues, regarding functionality, prophylaxis and esthetics. A great variety of epigenetic codes serve in the context of precise interpretation of fluctuations of phenotype expression, manifested as consequence of mutual influences between human genome and environment in state of health and disease.aas

## Biography

Sirma Todorova Angelova has completed her Master degree of International Financial Affairs from the University of Economics in Varna, Bulgaria and in 2018 she gained an academic degree of Chief-Assistant at the Medical University-Varna.

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