|  |  |  |  |
| --- | --- | --- | --- |
| Epigenetics and disease… | | | |
| Non-specific |  | [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11] |
| Mental and behavioural disorders | Psychiatric disorders | [12] |
| Schizophrenia | [13, 14, 15] |
| Post-traumatic stress disorder | [16] |
| ADHD | [17] |
| Endocrine, nutritional and metabolic diseases | Obesity | [18, 19, 20, 21, 22] |
| Diabetes | [21] |
| Metabolic disorders (lipid traits) | [23] |
| Metabolic syndrome | [24] |
| Endocrine disorders | [25] |
| Diseases of the digestive system | Inflammatory bowel disease | [26] |
| Crohn’s disease | [27] |
| Diseases of the respiratory system | Asthma | [28, 29, 30, 31] |
| Diseases of the circulatory system | Pulmonary disease | [32] |
| Diseases of the nervous system | Parkinson’s disease | [33] |
| Diseases of the eye and adnexa | Eye diseases (general) | [34] |
| Neoplasms | Testis cancer (and fertility) | [35] |
| Leukaemia | [36] |
| Injury, poisoning and certain other consequences of external cause | Altitude illness | [37] |
| Other (non-ICD category) | Nuclear envelope disease | [38] |
| Allergic diseases | [39, 40] |
| Epigenetics and environmental stimuli… | | | |
| Multiple factors | | [2, 4, 5, 6, 7, 8, 11, 28, 30, 31, 35, 41] | |
| Diet | | [5, 20] | |
| Particular matter | | [42] | |
| Toxin (arsenic, benzene, nickel) | | [36, 41] | |
| …during pre-, postnatal, or early development | | | |
| Non-specific | | [6, 14, 17, 28, 43] | |
| Developmental origin of diseases | | [7, 21] | |
| Heritability of epigenetic health risk… | | | |
|  | | [44] | |
| Models, theories, and paradigms in epigenetics… | | | |
| Current ‘state of the art’ of epigenetics | | [2, 8, 18, 45, 46] | |
| Animal models (mouse) | | [9, 47] | |
| Model of genetic organisms and human disease | | [48] | |
| Stochastic epigenetic variation | | [49] | |
| Phenotypic variability | | [50, 51] | |
| Social policy | | [52] | |
| Dental variations | | [53] | |
| Neo-Lamarckian medicine | | [54] | |
| Epigenetic modulators and therapeutics | | [24] | |
| Study designs for epigenetic research | | [55, 56, 57, 58] | |

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