**Supplementary Table 1- Epigenetic affecting drugs**

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|  | Agent | Specific Mechanism | Ref. |
| Chromatin modifying | Valproate (Valproic acid) | Class II HDAC inhibition | (139) |
| Trichostatin A | Class I and II HDAC inhibition | (140) |
| AN‐7 (Butyroyloxymethyl‐diethyl phosphate) | Non-specific HDAC inhibition | (141) |
| Vorinostat/SAHA(Suberoylanilide hydroxamic acid) | Class I, II and IV HDAC inhibition | (143, 144) |
| Mocetinostat  | Class I HDAC inhibition | (57) |
| EZH2 inhibitor | Histone methyltransferase inhibition | (146-150) |
| DNA methylation inhibition | Decitabine (5-Aza-2′-Deoxycytidine) |  DNMT1 depletion  | (151-153) |

HDAC - Histone deacetylases, DNMT1- DNA methyl transferase 1