

Brain: Dysfunction to Disease

MCDB 3651

The primary goals of this course are to gain an understanding of the variety of neurological afflictions of the nervous system. In particular upon course completion students should be able to:

1. Identify various types of neurological diseases
2. Identify the current hypothesis regarding causes, treatments and possible cures for neurological diseases
3. Differentiate between sporadic and familial diseases
4. Relate genetic mutations to physiological outcomes
5. Be able to read and explain clinical review articles about neurological diseases
6. Be able to read and explain a basic research article about neurological diseases
7. Be able to write a short review style paper on a neurological disease
8. Be able to work as a team to develop and execute a public presentation related to neurological disease