

List of Table

2.1	Lists of patents/ patent applications in recent years	34
3.1	Standard parameters for human peripheral nerve	54
3.2	Estimation of NCV (m/s) and myelin thickness (μm) in normal sciatic nerve of toad	59
4.1	Enzymes and their composition in <i>Naja Kaouthia</i>	73
4.2	Relation between myelin thickness and NCV with different concentration of crude <i>Naja kaouthia</i> venom	76
4.3	Estimation of NCV for various concentrations of Nk crude venom	77
4.4	Estimation of NCV for various concentrations of purified Nk-PLA ₂	78
4.5	Demyelinating factor (γ) of a normal nerve and nerves treated with three different concentrations of crude venom and Nk-PLA ₂	79
4.6	Estimation of AP in nerves treated with 3FTx	80
5.1	Theoretical estimation of NCV (m/s) in demyelinated nerves and coupled nerves for different alignment factor with respect to human nerve parameters	95
5.2	Estimation of NCV for various concentrations of crude venom	96
5.3	Estimation of NCV for various concentrations of purified Nk-PLA ₂	98
5.4	Estimation of AP in nerves treated with 3FTx	102