List of Figures

Figure No.	Title	Page No.
2.7.1.1	Worldwide cancer incidence	33
2.7.1.2	Worldwide cancer mortality	33
2.7.1.3	Worldwide gender wise distribution of most common cancer sites	34
2.7.1.4	Global estimated numbers of new cases	35
2.7.1.5	Estimated numbers (thousands) of new cancer cases (incidence) and death (mortality) in men and women	36
2.7.1.6	Global new cases and deaths with proportions by world regions, both sexes combined	37
2.8.1	A general scheme for interactions occurring between blocking agents and suppressing agents and the various stages in the sequence of events associated with the stepwise development of neoplasia	43
4.1	Experimental design for Phase-I	56
4.1.3.1	Dibrugarh district of Assam, India	63
4.1.3.2	Determination of sample size for the survey	64
4.2	Experimental design for Phase-II	67
4.3	Experimental design for Phase-III	73
4.4	Experimental design for Phase-IV	76
4.5	Experimental design for Phase-V	77
5.1.1.1	Education of subjects of forest villages of Dibrugarh, Assam	84
5.1.1.2	Occupation of subjects of forest villages of Dibrugarh, Assam	85
5.1.1.3	Income of subjects of forest villages of Dibrugarh, Assam	86
5.1.1.4	Socio Economic Status (SES) of subjects of forest villages of Dibrugarh, Assam	87

Figure No.	Title	Page No.
5.1.1.5	Subjects' medical condition of forest villages of Dibrugarh, Assam	88
5.1.1.6	Family medical history of forest villages of Dibrugarh, Assam	89
5.1.2	Cooking pattern of <i>Calamus tenuis</i> Roxb. shoots followed by subjects of forest villages of Dibrugarh, Assam	90
5.1.3.1	Frequency of <i>Calamus tenuis</i> Roxb. shoots consumption by the subjects of forest villages of Dibrugarh, Assam	91
5.1.3.2	Period of maximum consumption of <i>Calamus tenuis</i> Roxb. shoots during the year by subjects of forest villages of Dibrugarh, Assam	92
5.1.4	Sources of <i>Calamus tenuis</i> Roxb. shoots of the subjects of forest villages of Dibrugarh, Assam	93
5.1.5	Storage of <i>Calamus tenuis</i> Roxb. shoots by the subjects of forest villages of Dibrugarh, Assam	94
5.1.6	Therapeutic beliefs of the subjects of forest villages of Dibrugarh, Assam	95
5.1.7	Health issues beliefs on consumption of shoots of the subjects of forest villages of Dibrugarh, Assam	96
5.2.2 (a-d)	Percent viability of Lung carcinoma cells (A549) treated with different concentrations of various <i>Calamus tenuis</i> Roxb. shoots extracts	104-105
5.2.3 (a-d)	Percent viability of Breast carcinoma cells (MCF7) treated with different concentrations of various <i>Calamus tenuis</i> Roxb. shoots extracts	106-107
5.3.2 (a-c)	Percent viability of Lung carcinoma cells (A549) treated with different concentrations of selected MPCT fractions (F-2, F-3 and F-8) of <i>Calamus tenuis</i> Roxb. shoots	114
5.3.3 (a-c)	Percent viability of Breast carcinoma cells (MCF7) treated with different concentrations of various <i>Calamus tenuis</i> Roxb. MPCT shoot extract fractions	116
5.4.1 (a-b)	Percent viability of human lung normal cells (L132) treated with different concentrations of MPCT and MSCT extracts of <i>Calamus tenuis</i> Roxb. shoots	120
5.4.2 (a-c)	Percent viability of human lung normal cells (L132) treated with different concentrations of various <i>Calamus tenuis</i> Roxb. MPCT shoot extract fractions	122