

LIST OF PUBLICATIONS

Papers published

1. Inhibition by L-ascorbate of binding to DNA of BP and its metabolites
G.M. Shah and R.K. Bhattacharya
Ind. J. Biochem. Biophys., 17, 96-98 (1980).
2. In vivo effect of L-ascorbate on benzo(a)pyrene metabolite DNA adduct formation in rat liver
G.M. Shah and R.K. Bhattacharya
J. Biosci., 4, 263-268 (1982).
3. Modulation by plant flavonoids and related phenolics of microsome mediated adduct formation between benzo(a)pyrene and DNA
G.M. Shah and R.K. Bhattacharya
Chem.-Biol. Interact., 59, 1-15 (1986).
4. Modulation of transcription in rat liver by benzo(a)pyrene
G.M. Shah and R.K. Bhattacharya
accepted for publication in Cancer Lett., (1987), 38(5), 191-198.

Manuscript ready for communication

1. Effect of benzo(a)pyrene on nuclear RNA polymerase enzymes
G.M. Shah and R.K. Bhattacharya
2. Model studies on inhibitory effects of 7 β ,8 α -dihydroxy 9 α ,10 α -epoxy 7,8,9,10-tetrahydrobenzo(a)pyrene on nuclear transcription in vitro
G.M. Shah and R.K. Bhattacharya

Presentation at Symposia/Conferences

1. Inhibitory effects of L-ascorbate on the microsome mediated activation, DNA binding and mutagenicity of benzo(a)pyrene.
G.M. Shah, M. George and R.K. Bhattacharya.
3rd Annual Meeting of the Environmental Mutagen Society of India [EMSI (India)] held at Gujarat University, Ahmedabad on 31st December 1977 and 1st January 1978.
2. Action of ascorbic acid on covalent binding of benzo(a)pyrene to DNA.
G.M. Shah and R.K. Bhattacharya.
6th Annual Conference of EMSI (India) held at Saha Institute of Nuclear Physics, Calcutta from January 27-29, 1981.
3. Role of L-ascorbate on BP-metabolite-DNA adduct formation.
R.K. Bhattacharya and G.M. Shah.
Accepted for oral presentation at the IIIrd International Conference on Environmental Mutagens held at Tokyo, Japan from September 21-27, 1981.
4. In vivo effect of the carcinogen benzo(a)pyrene on nuclear RNA synthesis in rat liver.
R.K. Bhattacharya and G.M. Shah.
International Conference on Current Trends in Cancer Research held at Calcutta from March 1-3, 1982.
5. Modulation of transcription by benzo(a)pyrene.
G.M. Shah and R.K. Bhattacharya.
Presented at the 8th Annual Conference of EMSI (India) held at Osmania University, Hyderabad from January 21-23, 1983.

6. Modulation of RNA polymerases by benzo(a)pyrene.

G.M. Shah and R.K. Bhattacharya.

53rd Annual General Meeting of Society of Biological Chemists (India) held at V.P. Chest Institute, Delhi from October 12-14, 1984.

7. Modulation of DNA adduct formation by benzo(a)pyrene in vitro by plant flavonoids.

G.M. Shah and R.K. Bhattacharya

Presented at the 10th Annual Conference of EMSI (India) held at B.A.R.C., Bombay from February 18-21, 1985.