ABSTRACT FROM SYMPOSIUM ON MELATONIN AND THE PINEAL GLAND

A SATELLITE SYMPOSYUM of The 8th International Congress of Endocrinology

Hong Kong 1988

L. Di Bella and M.T. Rossi (Fisiologia Generale, Università di Modena, Via Campi 287, Modena, ITALY)

Melatonin in cancer therapy.

A ten-year experience sugests that Melatonin (MLT) is an indispensable, although not always a sufficient help against cancer and leukemias.

MLT has no antiblastic action, but is is very efficient against the quali-and quantitative pathological cellular and plasmatic blood alteration induced either by cancer or by therapeutic means.

MLT can induce sleep, lower excitement, attenuate pain. This indirect aid against cancer seems to have no organ or cancer species specificity, and can be achieved with moderate daily doses of some mg MLT.

MLT action is effectively potentiated or even brought about by somatostatin, ACTH, alfa-MSH, prolactin secretion inhibitors. When suitably applied these endocrinological substances can enable the progressive reduction of timor growth in good health conditions of patients without any other treatment.

This treatment is effective also in preventing metastases.