1. A Shift in DNA and RNA contents in cells of Chroococcus (in vivo) on exposure to UV radiation
   B Degradation of DNA and RNA extracted from Chroococcus on exposure to UV radiation

2. Percents of purines and pyrimidine bases of DNA and RNA extracted from the cells of Chroococcus and then exposed to UV radiation

3. The decrease of DNA in mixture of DNA serum albumine, irradiated with UV

4. A $^{14}$C thymine uptake and incorporation in terms c.p.m./mg in irradiated cells of Chroococcus
   B The left over radioactivity in terms of c.m.p. of $^{14}$C Thymine fed cells after exposure to UV

5. Incorporation of $^{14}$C thymine into the metabolism of the cells of Chroococcus exposed to UV

6. Effect of acriflavine on the content of DNA and RNA of Chroococcus

7. The effect of acriflavine on the purine and pyrimidine bases of DNA and RNA in Chroococcus

8. Incorporation of $^{14}$C Thymine in cells of Chroococcus treated with acriflavine