

Copy of a printed x-ray diffraction exposure referenced as "X-ray fibre photograph of oriented sodium thymonucleate (Astbury)"

Contributors

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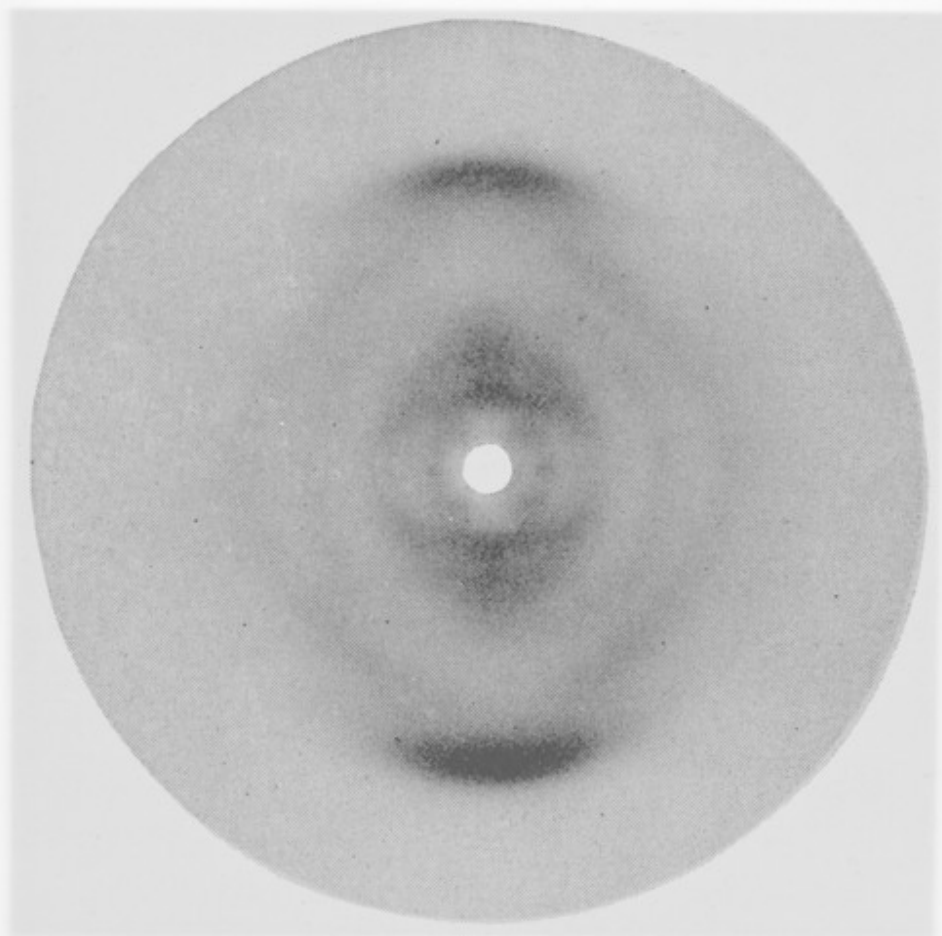
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AND FLORENCE O. BELL



X-ray fibre photograph of oriented sodium thymonucleate. (Direction of stretching — the fibre axis — vertical. Distance from specimen to photographic film = 4 cm. Cu Karays.)

In the first place, there is the strongly-marked period along the fibre axis of 3.3_4 Å. The natural conclusion is that this spacing is that of a close succession of flat or flattish nucleotides standing out perpendicular to the long axis of the molecule to form a relatively rigid structure which would