



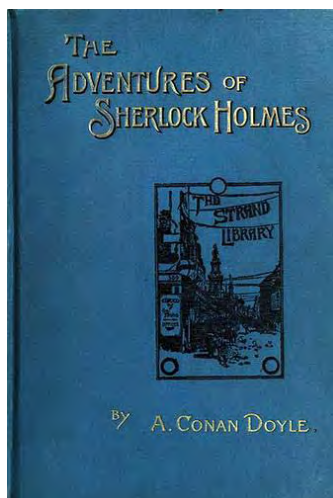
01-crowther1892-London.jpg



01-Valentine-c1890-London..jpg



02-Holmes1892.jpg



02b-Adventures_of_sherlock_holmes.jpg



03-TowerBridge1892-w.jpg



04-StBartholomews-w.jpg



05-Garrod-nd.jpg



06-hematoporhphynuria.jpg



06b-fountain.jpg



07-StB-lab-1896-Wellcome.jpg



08-alt-urine-Benedicts-Test.jpg



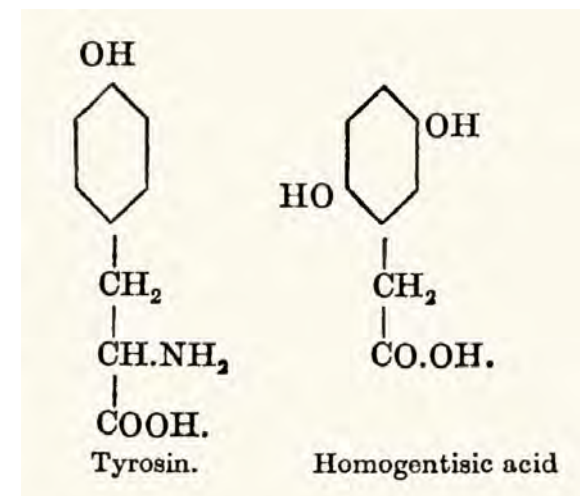
08b-litmus.jpg



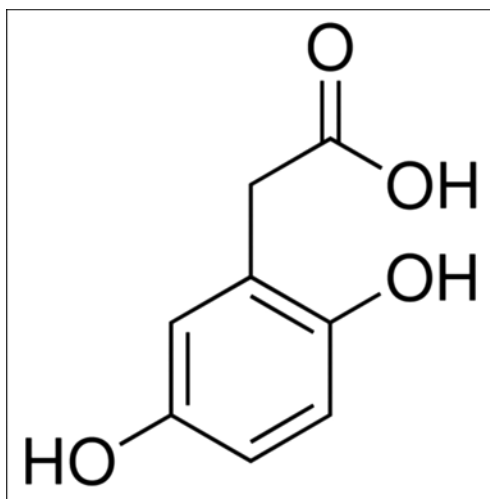
09-fountain.jpg



10-alcaptonuria.jpg



11-homogentisic-acid-1908.jpg

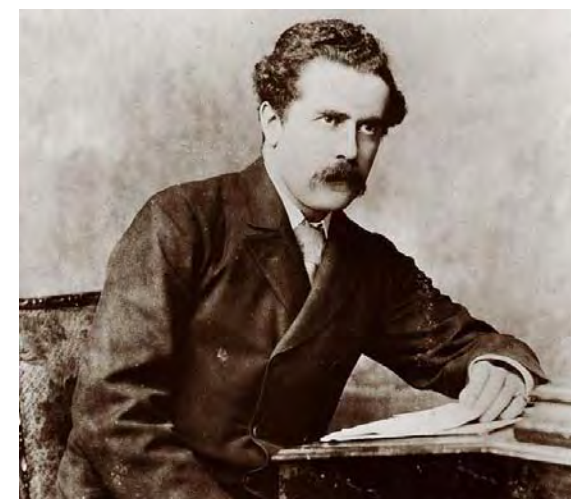


11-homogentisic-acid.jpg

TABLE II. SHOWING THE PROPORTION OF ALKAPTONURIC MEMBERS TO NORMAL MEMBERS IN 9 FAMILIES

| No. | Total number of family (brothers and sisters) | Number of Alkaptonuric members | Number of normal members | Observers |
|--------|---|--------------------------------|--------------------------|-----------------------|
| 1 | 14 | 4 | 10 | Pavy |
| 2 | 4 | 3 | 1 | Kirk |
| 3 | 7 | 3 | 4 | Winternitz |
| 4 | 2 | 1 | 1 | Ewald Stier |
| 5 | 2 | 2 | 0 | Baumann, Embden |
| 6 | 1 | 1 | 0 | Erich Meyer |
| 7 | 10 | 1 | 9 | Noccioli and Domenici |
| 8 | 5 | 2 | 3 | A. E. Garrod |
| 9 | 3 | 2 | 1 | W. Smith, Garrod |
| Totals | 48 | 19 | 29 | — |

12-Table2-Garrod1902.jpg



13-Garrod-c1908.jpg

TABLE III. SHOWING THE LARGE PROPORTION OF ALKAPTONURICS WHO ARE THE OFFSPRING OF MARRIAGE OF FIRST COUSINS

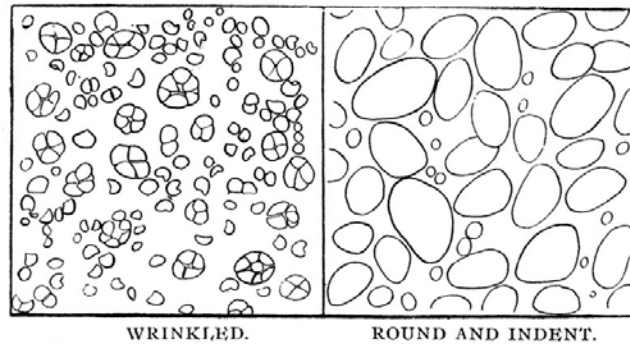
| A | | | |
|--|---|--------------------------------------|--------------|
| Families the offspring of marriages of first cousins | | | |
| No. | Total number of family (brothers and sisters) | Number of known alkaptonuric members | Observers |
| 1 | 14 | 4 | Pavy |
| 2 | 4 | 3 | R. Kirk |
| 3 | 5 | 2 | A. E. Garrod |
| 4 | 1 | 1 | Erich Meyer |
| 5 | 8 | 1 | H. Ogden |
| 6 | 4 | 1 | Hammarsten |
| Totals | 36 | 12 | — |

| B | | | |
|--|---|--------------------------------------|-------------------------------------|
| Families whose parents were not related and not alkaptonuric | | | |
| No. | Total number of family (brothers and sisters) | Number of known alkaptonuric members | Observers |
| 1 | 3 | 2 | Armstrong, Walter Smith, and Garrod |
| 2 | 2 | 1 | Ewald Stier |
| 3 | 10 | 1 | Noccioli and Domenici |
| 4 | 7 | 2 | Marshall and Fletcher |
| Totals | | 6 | — |

14-Table3-Garrod1902.jpg



15c-Mendel.jpg



16-Gregory1903-staech grains.jpg



15b-Correns.jpg



17a-Garrod-c1908.jpg



17b-Bateson1905.jpg



18a-Bateson.jpg



18b-Punnett.jpg



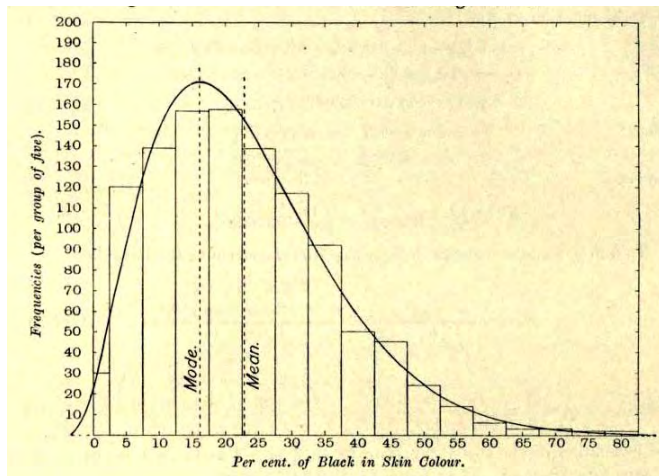
18c-pea-seeds.jpg



18c-Pearson1910-w.jpg



18d-Weldon-c1906-w.jpg



18e-Pearson-graph.jpg



By Permission of the President and Council of the Royal Society.
19-Garrod1910.jpg



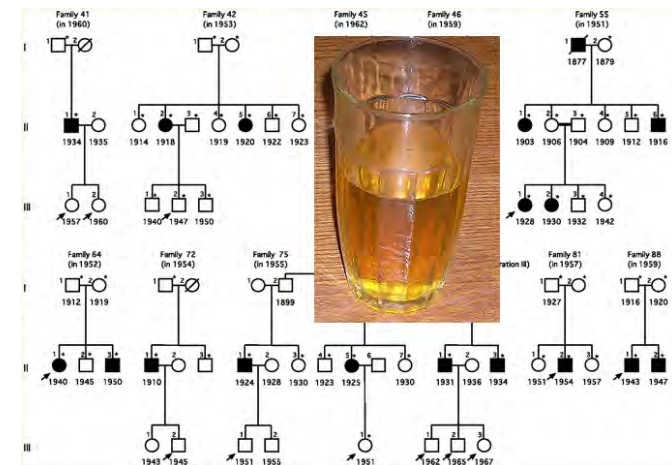
20-StB-consult-1908-Wellcome.jpg



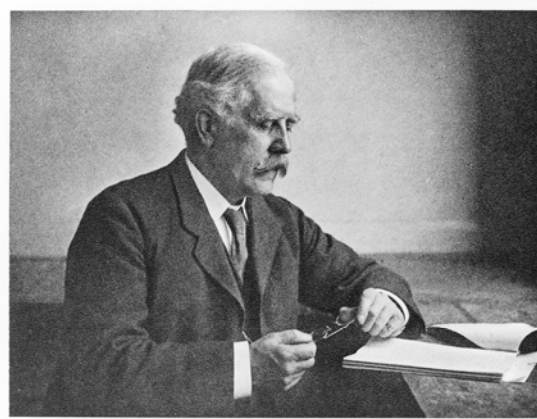
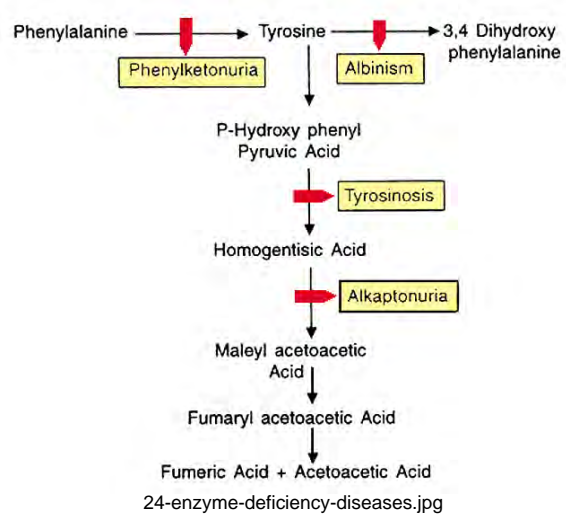
21-albino-sisters.jpg



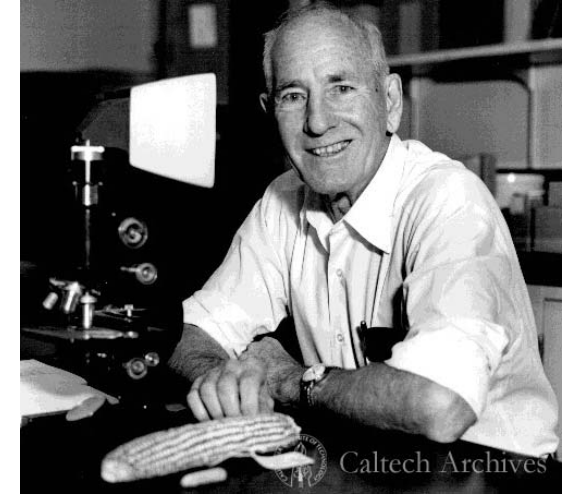
22-cystine-stones.jpg



23-pentosuria-pedigree.jpg



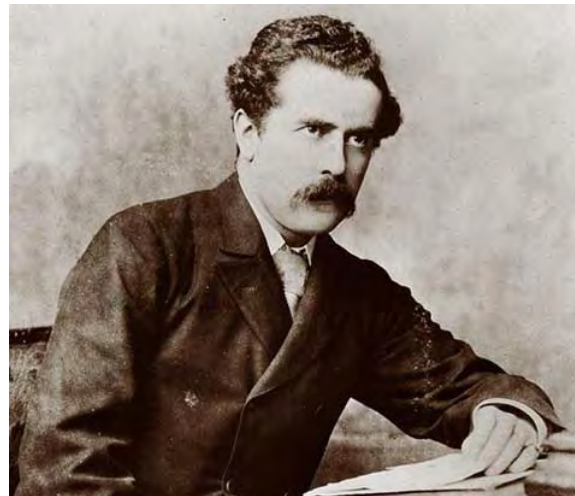
25-Garrod-1930s-Wellcome.jpg



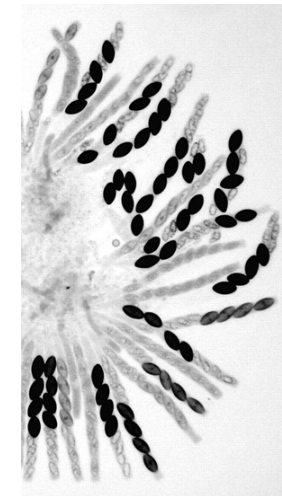
26a-Beadle.jpg



26b-neurospora.jpg



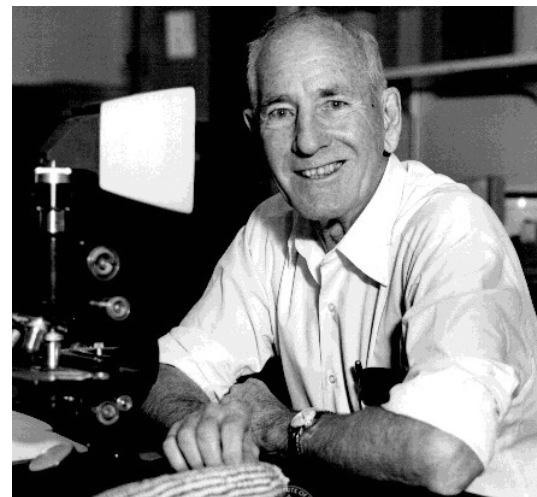
27a-Garrod.jpg



27a-neurospora.jpg



27b-alkaptonuria.jpg



27d-Beadle.jpg



28a-alkaptonuria.jpg

