

# GENEALOGY DATABASE ENTRY

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Fischer, Emil Hermann

1852 - 1919

DEGREE: PhD

DATE: 1874

PLACE: Strasbourg

TEACHER/RESEARCH ADVISOR: Baeyer

Nobel Prize 1902 for syntheses of chiral sugars, new amino acids, artificial polypeptides, and purines; studied organic derivatives of hydrazine; investigated enzyme catalysis and proposed lock-and-key analogy; showed that yeast enzymes only attack dextro-glucose and molecules with similar configurations; prepared and established constitutions of caffeine, theobromine, xanthine, guanine, purine, adenine, the barbiturate varonal, and albumin.

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