

GENEALOGY DATABASE ENTRY

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Bailey, James Robinson

1868 - 1941

DEGREE: PhD

DATE: 1897

PLACE: Munich

TEACHER/RESEARCH ADVISOR: Thiele

discovered more than twenty drugs with effects similar to quinine, morphine, and aspirin; discovered a number of aniline dyes, and several benzoquinoline derivatives; during WWI, with Alcan Hirsch, cracked the German formulas for novacaine, veronal, and synthetic adrenalin; pioneered research on petroleum bases, esp. quinolines, which he called "petroleum alkaloids"; synthesized many new semicarbazides, hydrazines, and hyantoin derivatives; used glacial acetic acid as a solvent for cyanic acid and prussic acid reactions; discovered a series of compounds containing 2 rings conjugated through nitrogen as a result of a criss cross addition.

1. *The Handbook of Texas*; Webb, W. P., Ed.; The Texas State Historical Association: 1952; vol. 1, p95.
2. *National Cyclopaedia of American Biography*; James T. White & Co.: 1921-1984; vol. 31, p260-261.
3. *Dallas News*, **26Mar1941**.