

NAMED ORGANIC REACTIONS

(U – Z)

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Sakae Uemura

Japanese, b. Japan

Uemura oxidation

Nishimura, T.; Onoue, T.; Ohe, K.; Uemura S. *Tetrahedron Lett.* **1998**, 39, 6011

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Biographical references:

Ivar Karl Ugi

5 September 1930 – 29 September 2005

German, b. Kuressaare, Estland, Germany

Ugi condensation

Ugi, I.; Meyr, R.; Fetzer, U.; Steinbrueckner, C. *Angew. Chem.* **1959**, 71, 386

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Fritz Ullmann

2 July 1875 - 17 March 1939

German, b. Fürth, Germany

Ullmann reaction

Ullmann, F. *Ann. Chem.* **1904**, 332, 38

Biographical references:

Meyer, K.H., *Helv. Chim. Acta* **1940**, 23, 93

Upjohn reaction

Van Rheenen, V.; Kelly, R.C.; Cha, D.Y. *Tetrahedron Lett.* **1976**, 1973

A. Verley

French, b. ?

Meerwein-Pondorff-Verley reduction

see Hans Leberecht Meerwein

Biographical references:

Victor Villiger

1 September 1868 - 1934

Swiss, b. Lenzburg, Cham am Zuger See, Aarau, Switzerland

Baeyer-Villiger reaction

see Johann Friedrich Wilhelm Adolf von Baeyer

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Anton Vilsmeier

12 June 1894 – 12 February 1962

German, b. Burgweinting bei Regensburg, Germany

Vilsmeier-Haack-Arnold reaction

see Albrecht Haack

Biographical references:

Reichardt, C., *J. Prakt. Chem.* **1999**, 341, 609

Personal communication, Prof. Dr. Christian Reichardt, October 2000

Jacob Volhard

4 June 1834 - 14 January 1910
German, b. Darmstadt, Germany

Hell-Volhard-Zelinsky reaction
see Carl Magnus von Hell

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Helmut Vorbrüggen



1930 - 14 September 2021
German, b. ?

Vorbrüggen coupling

Vorbrüggen, H.; Bennua, B. *Tetrahedron Lett.* **1978**, 1339

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Alexander Wacker

1846 - 1922

German, b. ?

Founder of Wacker Chemie GmbH in 1914

Wacker reaction

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Wacker-Tsuji oxidation

see Jiro Tsuji

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William Steele Wadsworth, Jr.

6 May 1927 –

American, b. Hartford, Connecticut, USA

Horner-Emmons-Wadsworth reaction

see Leopold Horner

Biographical references:

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Georg (Egor) Egorovich Wagner (Vagner)

29 November 1849 - 27 November 1903

Russian, b. Kazan, Russia

Wagner-Meerwein rearrangement

see Hans Leberecht Meerwein

Biographical references:

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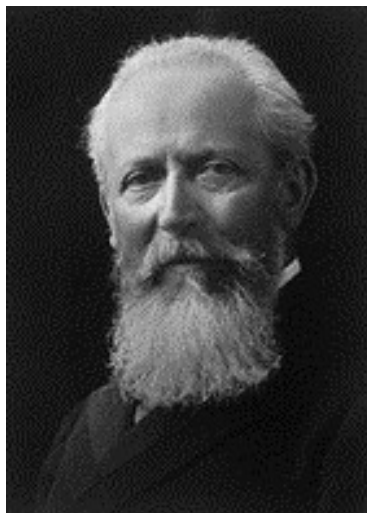
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Otto Wallach



27 March 1847 - 26 February 1921

German, b. Königsberg, Germany, now Kaliningrad, Russia

Nobel Prize Chemistry 1910

Wallach rearrangement

Wallach, O.; Belli, L., *Chem. Ber.* **1880**, 13, 525

Biographical references:

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Stanley Wawzonek

23 June 1914 - 1998

American, b. Valley Falls, Rhode Island, USA

Wawzonek-Yeakey rearrangement

Wawzonek, S.; Yeakey, E., *J. Am. Chem. Soc.* **1960**, 82, 5718

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Rudolf Adriaan Weerman (Weermann)

15 September 1881 - 1931

Dutch, b. ?

Weerman degradation

Weerman, R.A. *Rec. Trav. Chim. Pays-Bas* **1918**, 37, 1

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Ulrich Weiss

24 January 1908 - 15 July 1989

Czech-American, b. Prague, Czech Republic

Weiss reaction

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Henry Wenker

American, b. ?

Wenker synthesis

Wenker, H., *J. Am. Chem. Soc.* **1935**, 57, 2328

Biographical references:

Friedrich Wessely

3 August 1897 - 17 December 1967

Austrian, b. Kirchberg am Wagram, lower Austria

Wessely oxidation

Wessely, F.; Lauterbach-Kiel, G.; Sinwel, F. *Monatsh. Chem.* **1950**, 81, 811

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Randolph West

7 August 1890 - 20 May 1949

American, b. Princeton, New Jersey, USA

Dakin-West reaction

see Henry D. Dakin

Biographical references:

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Peter Stanley Wharton

9 May 1931 –

British-American, b. Oxford, England

Wharton reaction

Wharton, P.S.; Bohlen, D.H., *J. Org. Chem.* **1961**, 26, 3615; 4781

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Heinrich G. Wiechell

4 April 1865 - ?

German, b. Putbus, Rügen, Germany

Fritsch-Buttenberg-Wiechell rearrangement

see Paul Ernst Moritz Fritsch

Biographical references:

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Heinrich Otto Wieland



4 June 1877 - 5 August 1957
German, b. Pforzheim, Germany

Nobel Prize Chemistry 1927

Barbier-Wieland reaction

see Phillipe François Antoine Barbier

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Conrad Heinrich Christoph Willgerodt

2 November 1841 – 19 December 1930

German, b. Harlingerode, Braunschweig, Germany

Willgerodt reaction

Willgerodt, C., *Chem. Ber.* **1888**, 21, 534

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Alexander William Williamson

1 May 1824 - 6 May 1904

British, b. London, England

Williamson ether synthesis

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Biographical references:

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Richard Martin Willstätter



13 August 1872 - 3 August 1942

German, b. Karlsruhe, Germany

Nobel Prize Chemistry 1915

Willstätter reaction

Biographical references:

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Roland Arthur Edwin Winter

29 August 1935 -

American-Estonian, b. Reval, Estonia

Corey-Winter olefin synthesis

see Elias James Corey

Biographical references:

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Georg F.K. Wittig



16 June 1897 - 26 August 1987
German, b. Berlin, Germany

Nobel Prize Chemistry 1979

Wittig rearrangement

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Still-Wittig rearrangement

see W. Clark, Jr.

Wittig reaction

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Alfred Wohl

3 October 1863 - 25 December 1939

German, b. Graudenz, Germany

Wohl degradation

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Friedrich Wöhler



31 July 1800 - 23 September 1882

German, b. Eschersheim, near Frankfurt, Germany

Wöhler urea synthesis

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Ludwig Wolff

27 September 1857 - 24 February 1919

German, b. Neustadt, Palatinate, Germany

Wolff rearrangement

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Wolff-Kishner reduction

see Nikolai Matveevich Kishner

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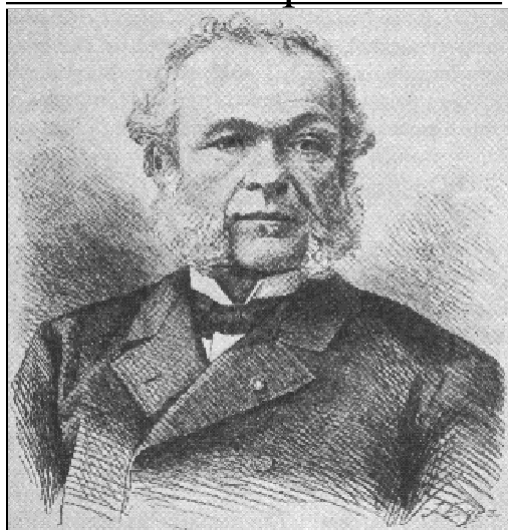
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Charles Adolphe Wurtz



26 November 1817 - 12 May 1884

French, b. Wolfisheim, near Strasbourg, France

Wurtz coupling reaction

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Wurtz-Fittig reaction

see Rudolph Fittig

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Ernest Leon Yeakey

5 August 1934 -

American, b. Sikeston, Missouri, USA

Wawzonek-Yeakey rearrangement

see Stanley Wawzonek

Biographical references:

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Nicolai (Nikolay Dmitrievich) Zelinsky

6 February 1861 - 31 July 1953

Russian, b. Tiraspol, Moldavia

Hell-Volhard-Zelinsky reaction

see Carl Magnus von Hell

Biographical references:

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Géza Zemplén

26 October 1883 - 24 July 1956

Hungarian, b. Trencsén, Hungary (now Trencín, Slovakia)

Zemplén's saponification

Zemplén, G.; Kuntz, A. *Chem. Ber.* **1924**, 57B, 1357

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Zemplén degradation of sugars

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Leonidas Zervas

21 May 1902 - 10 July 1980

Greek, b. Megalopolis, Greece

Bergmann-Zervas carbobenzoxy method

see Max Bergmann

Biographical references:

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Theodor (Ernst Carl) Zincke

19 May 1843 - 17 Mar 1928

German, b. Uelzen, Germany

Zincke-Suhl reaction

Zincke, T.; Suhl, R. *Ber.* **1906**, 39, 4148

Biographical references:

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Nikolai Nikolaevich Zinin

13 August 1812 - 6 February 1880

Russian, b. Shusha, Azerbaydzhan

Zinin reaction

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