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Allied Industries
4246 PEPPER DRIVE
SAN DIEGO 5, CALIF.

RESEARCH SUMMARY OF BACTERIA AND VIRUS CHARACTERISTICS

Devised & Compiled by R. R. Rife 1920 to 1953
Retabulated by John F. Crane Nov. 16, 1953

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Micro-Organism	Classification	Discovered By	Date	Sporo-genous	Chromo-genic	Highly Patho-genic	Liquifies (media)	Para-sitic
Syphilis	Treponema pallidum spirochete of syphilis	Schaudin & Hoffman	1905	no	no	yes	no	no
Tuberculosis	Bacillus Tuberculosis	Koch	1882	no	no	yes	no	no
Gonorrhea	Micro-coccus Gonorrhoeae	Neisser	1879	no	no	yes	no	no
Leprosy	Bacillus Leprae	Hansen	1879	no	no	yes	no	yes
Actinomycosis	Actinomyces Bovis	Langenbeck & Bollinger	1845,1846	no	no	yes	either	yes
Typhoid	Bacillus Typhosus	Eberth & Koch Gaffky	1880,1884	no	no	yes	no	no
Catarrhal Inflamation	Micrococcus Catarrhalis	Seifert & Kirchner	1890	no	no	yes	yes	no
Bacillus Coli	Bacillus Coli	Emmerich	1885	no	no	no	no	no
Bubonic Plague	Bacillus Pestis	Yersin & Kitasato	1894	no	no	yes	no	no
Tetanus	Bacillus Tetani	Nicolaier Kitasato	1884,1889	yes	no	yes	no	no
Diphtheria	Bacillus Diphtheriae	Klebs Loffler	1883,1884	no	no	yes	yes	yes
Symptomatic Anthrax	Bacillus anthraces symptomatice	Bollinger & Faser		yes	no	yes	no	no
Anthrax	Bacillus Anthracis	Pollender Davaine	1849,1863	yes	no	yes	yes	no
Pneumonia	Diplococcus Pneumoniae	Sternbert Pasteur	1880,1880	no	no	yes	yes	no
Spinal Meningitis	Diplococcus intracellularis meningitides	Weichselbaum	1887	no	no	yes	no	no
Glanders	Bacillus mallei	Loffler & Schutz	1882	no	no	yes	no	no
Cholera Spirillum	Spirillum cholerae asiaticae	Koch	1884	no	no	yes	no	yes
Typhus Murium	Bacillus Typhi Murium	Laffler	1889	no	no	yes	yes	no
Influenza	Bacillus Influenzae	Pfeiffer & Canon	1892	no	no	yes	no	no
Contagious Conjunctwitis	Koch-Weeks Bacillus	Koch & Weeks	1895	no	no	yes	no	no
Staphylococcus	Staphylococcus Pyogenes Albus	Rosenbach	1884	no	yes	yes	yes	no
Streptococcus	Streptococcus Pyogenes	Rosenbach	1885	no	no	yes	no	no
Cancer Virus	Baccillus X (BX)	Rife	1932	yes	no	yes	no	no
Typhoid Virus	Bacillus Typhosus	Rife and Kendall	1932	no	no	yes	no	no
B. Coli Virus	Bacillus Coli	Rife and Kendall	1932	no	no	no	no	no
Polio Virus	Streptococcus Poliomyelitis	Rife and Rosemow	1932	no	no	yes	no	no
Herpes Virus	Herpes Encephalitis	Rife	1933	no	no	yes	no	no

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Micro-Organism	Motile	Flangel-lated	Polarity Anode +	Polarity Cathode −	Length u	Width u	Death Pt. Millisamps D.C.	Thermal Death Pt. (24 hrs.) °C.	Thermal death Pt. (24 hrs.) °F.	Death by X-Ray	Death by infra-red	Death by ultra-violet	Dye	Aerobic	Acid Resisting (to dye)
Syphylis	yes	no		X	3.5-15.5	.33-.5	80	39.6°C	103.1	Slight	no	no	Silver Nitrate	yes	no
Tuberculosis	no	no	X		1.5-3.3	.2-.5	168	42.5	107.8	no	slight	no	Gentian Violet	yes	yes
Gonorrhea	no	no	X	X	1.6	.8	8.5	39	102.2	no	helps growth	slight	Carmine	yes	no
Leprosy	no	no	X		1.4-3.3	.2-3.5	58	42	105.8	slight	no	no	Carmine	yes	yes
Actinomycosis	no	no	X	X	Long	.3-.5	12.2	40	104	slight	no	no	Bismark Brown	either	no
Typhoid	yes	yes		X	1.3-2.4	.5-.8	28	39.5	103.1	no	no	no	Gentian Violet	either	no
Catarrhal Inflamation	no	no	X		2.0	1.0	75	47	116.6	no	no	no	Gichma	either	no
Bacillus Coli	yes	yes	X		1.3	.4-.7	7	45	113	no	slight	no	Gentian Violet	either	no
Bubonic Plague	no	no	X	X	1.5-2	.5-.75	140	48	118.4	no	no	diseases	Silver Nitrate	either	no
Tetanus	no	no	X	X	2.4	.3-.5	64	51.5	122.9	no	slight	no	Silver Nitrate	either	slight
Diptheria	no	no		X	1.5-6.5	.3-.8	171	45	113	slight	no	no	Hematoxyline	yes	no
Symtomatic Anthrax	yes	yes	X		3.5	.5-.6	71	49.5	120.4	no	slight	no	Gentian Violet	no	yes
Anthrax	no	no	X	X	5.2	1-1.25	75	45	113	slight	no	no	Gentian Violet	either	no
Pneumonia	no	no		X	.2-.5 Diam.		12	47	116.6	no	no	no	Hematoxyline	either	no
Spinal Meningitis	no	no		X	.2-.6 Diam.		11	48	118.4	no	no	slight	Silver Nitrate	either	no
Glanders	no	no	X		1.5-3	.35-.4	95	50.6	123.08	no	no	no	Bismark Brown	either	no
Cholera	yes	yes	X	X	.5-2.5	.1-.04	74	43	109.4	no	no	slight	Hematoxyline	either	no
Typhus	yes	yes	-	-	-	-	-	-				-	Bismark Brown	yes	no
Influenza	no	no		X	.5	.2	12	50	122	no	no	slight	Silver Nitrate	yes	no
Contageous Conjunctivitis	no	no	X	X	1-2	.25	89	42	105.8	no	no	no	Silver Nitrate	either	no
Staphylococcus	no	no		X	.7 Diam.		89	40°	104	no	helps growth	no	Hematoxyline	either	no
Streptococcus	no	no	X		.4-1 Diam.		12	50	122	no	no	no	Hematoxyline	either	no
													Universal Microscope		
													Angle of refraction for light	color of chemical refraction	
Cancer Virus	yes	yes		X	1/15	1/20	17	42°C	107.6	no	no	no	-12 3/10°	purple red	no	no
Typhoid Virus	yes	yes	X		1/8	1/11	12	41	105.8	no	no	no	+ 4.3°	turquoise blue	yes	no
B. Coli Virus	yes	yes	X	X	1/8	1/10	86	43	109.4	no	no	no	+ 7°	dark brown	yes	no
Polio Virus	no	no		X	1/10	1/14							+ 8.3°	reddish brown	no	no
Herpes Virus	no	no	-	-	1/11	1/15							+14°	coral pink	no	no