Treponema Pallidum - Spirochaete of Pupilis
(Schaudin and Hoffman) (1905)
(Syphilis)

Motile
Flaggelated
Can be cultured
Length - 3.5-15.5 μ : breadth - 0.33-0.5 μ

Polarity
+ anode
- cathode X
Death rate in milliamperes - D.C. 80
Influence of X ray slight
" " Ultra Violet Ray none
" " Infra Red " none
Thermal death point 39½ C 24 hours
Filament voltage 10
" amperage 31
Plate voltage 307
Cycles per second 900,000
Wave length of Super regeneration of audion tube 108 Met.

Baccillus Tuberculosis
(Koch) (1882)
Tuberculosis

Non motile
" flaggelated
" sporogenous
" liquefying
" chromogenic
aerobic
acid resisting
Highly pathogenic
Length - 1.5-3.3 μ : breadth - 0.2-0.5 μ

Polarity
+ anode X
- cathode
Death rate in milliamperes 168
Influence of X ray none
" " Ultra Violet ray retards culture growth (5 hrs.)
" " Infra Red " slight
Thermal death point 42½ C - (24 hrs.)
Filiment voltage 9.
" amperage 21
Plate voltage 1138
Cycles per second 583,000.
Wave length of super regeneration of audion tube 554 meters.

RIFE RESEARCH LABORATORY

Micrococcus Gonorrhea

(Neisser) (1879)
(Gonorrhea)

Non motile
" flaggelated
" sporogenous
" liquefying
" chromogenic
aerobic parasitic coccus
Pathogenic for man only
Length - 1.6μ : breadth - 0.8μ

Polarity
+ anode X
- cathode X
Death rate in milliamperes 8 3/10
Influence of X ray none
" " Ultra Violet ray slight
" " Infra Red " stimulates growth
Thermal death point 39C. (24 hrs.)
Filiment voltage 12
" amperage 40.
Plate voltage 453 "
Cycles per second 600,000
Wave length of super regeneration of audion tube 1990 Meters

Bacillus Leprea

(Hansen) (1879)

(Leprosy)

Non motile
" flaggelated
" sporogenous
cultivable on special media
parasitic
acid resisting

Length - 1.4 - 3.3 μ. : breadth - 0.2 - 3.5 μ

Polarity
+ anode X
- cathode

death rate in milliamperes 53
Influence of X ray slight
" " Ultra Violet ray stops growth in lesion in 4½ hrs.
" " Infra Red " none
Filament voltage 6
" amperage 19
Plate voltage 127
Thermal death point 42 C (24 hrs)
Cycles per second 743,000
Wave length of super regeneration of audion tube 1190 Meters

Actinomyces Bovis

(Longenbech) 1845 (Bollinger) 1846

(Actino mycosis)

Non motile
" flagyelated
" sporogenous
parasitic
pathogenic
aerobic and anaerobic
Long thread-like chains - 0.3-0.5 μ in thickness.

Polarity
+ anode X
- cathode X

Death rate in milliamperes 12½10
Influence of X ray slight
" " Ultra Violet ray stops culture growth in 45 min.
" " Infra Red " slightly retards growth
Thermal death point 40 C (24 hrs.)
Filiment voltage 5
" amperage 16
Plate voltage 140
Cycles per second 678,000
Wave length of super regeneration of audion tube 1607 Meters

Backillus Typhosus

(Eberth) 1880 (Gaffky) 184

(Typhoid Fever)

Non liquefying
" chromogenic
" aenogenic
motile
flaggelated
aerobic and anaerobic

Length – 1.3-2.4 μ : breadth – 0.5-0.8 μ.

Polarity
+ anode
– cathode X

Death rate in milliamperes 28
Influence of X ray none
" " Ultra Violet ray stops motility in 21 min.
" " Infra Red " stops growth in culture in 50 min.
Thermal death point 39½ C. (24 hrs.)
Filiment voltage 8
" amperage 21
Plate voltage 135
Cycles per second 900,000
Wave length of super regeneration of audion tube .345 Meters.

Micrococcus catarrhalis

(Seifert) and (Kirchner) (1890)
(Catarrhal inflamation)

Small ovoid granule
non motile
" sporulating
" flaggellated
" liquefying
" chromogenic
aerobic and anaerobic
Length 2. u. : breadth 1. u.

Polarity
+ anode X
- cathode

Death rate in milliampereres 75
Influence of X ray none
" " Ultra Violet ray none
" " Infra Red " none
Thermal death point 47 C 24 hrs.
Filament voltage 9
" amperage 54
Plate voltage 700
Cycles per second 1,800,000
Wave length of super regeneration of audion tube. 175 Meters

Bacillus Coli Communis
(Escherich) (1885)
(B. Coli)

Non chromogenic
" liquefying
" sporogenous
motile
flagellated
aerobic and anaerobic
Length 1.3 μ : breadth 0.4-0.7 μ

Polarity
+ anode X
- cathode none
Death rate in milliamperes 7
Influence of X ray none
" " Ultra Violet ray stops motility in 5.3 min
" " Infra Red " slight
Thermal death point 45C 24 hrs.
Filament amperage 21
" voltage 5
Plate " 240
Cycles per second 683,000 943.
Wave length of super regeneration of audion tube ~~1000~~ Meters.

Bacillus Pestis

(Yersin) and (Kitasato) 1894

(Bubonic Plague)

Non motile
" flagellated
" chromogenic
aerobic and anaerobic
minute diplococcoid
Length 1.5-2 μ : breadth 0.5-0.75 μ

Polarity
+ anode X
- cathode X

Death rate in milliamperes 140
Influence of X ray none
" " Ultra Violet ray increases culture growth
" " Infra Red " none
Thermal death point 48 C 24 hrs.
Filiment voltage 6
" amperage 55
Plate voltage 375
Cycles per second 160,000
Wave length of super regeneration of audion tube 585 Meters.

Bacillus Tetani 60

(Nicolaier) 1884 (Kitasato) 1889

(Tetanus)

Non chromogenic
" flagellated
" sporogenic
liquefying
motile
anaerobic

Length 2.4 μ : breadth 0.3-0.5 μ

Polarity
+anode X
-cathode X

Death rate in milliamperes 64

Influence of X ray none
" " Ultra Violet ray stops growth in 82 min
" " Infra Red " slight

Thermal death point 51½C 24 hrs.

Filiment voltage 6
" amperage 30

Plate voltage 140

Cycles per second 700,000

Wave length of super regeneration of audion tube 19,000 Meters.

Bacillus diphtheriae

(Klebs) 1883 (Loffler) 1884

(Diphtheria)

Non motile
" flagellated
" chromogenic
" liquefying
aerobic
purely parasitic
Length 1.5-6.5 μ : breadth .3-.8 μ

Polarity
+ anode
- cathode X
death rate in milliamperes 175
Influence of X ray slight
" " Ultra Violet ray stops culture growth in 4½ hrs.
" " Infra Red ray none
Thermal death point 45C 24 hrs.
Filiment voltage 9
" amperage 18
Plate voltage 585
Cycles per second 800,000
Wave length of super regeneration of audion tube .275 Met.

Bacillus Anthracis Symptomatici

(Bollinger) and Frosch date ?

(Symptomatic Anthrax)

Non chromogenic
motile
flagellated
liquefying
aerogenic
anaerobic

Length - 3.5 μ : breadth - 0.5 - 0.6 μ.

Polarity
+ anode X
- cathode

Death rate in milliamperes	71
Influence of X ray	none
" "Ultra Violet ray	motility stops in 72 sec.
" " Infra Red "	slight
Thermal death point	49½ C 24 hrs.
Filament voltage	5
" amperage	27
Plate voltage	.224
Cycles per second	400,000

Wave length of super regeneration of audion tube 18,000

Bacillus Anthracis

(Pollander) 1849 (Davaine) 1863

(Anthrax)

Non motile
" flagellated
" chromogenic
apoogenous
liquifying
Length- 5.20 μ : breadth 1–1.25 μ

Polarity
+anode X
- cathode X
Death rate in milliamperes 75 D.C.
Influence of X ray slight
" " Ultra Violet ray stops growth in culture 2½ hrs.
" " Infra Red " none
Thermal death point 45C 24 hrs.
Filiment voltage 12
" amperage 48
Plate voltage 695
Cycles per second 900,000
Wave length of super regeneration of audion tube. 1100 Meters

Diplococcus Pneumoniae

(Sternberg) 1880 (Pasteur) 1880

(Pneumonia)

Non motile
" flagellated
" sporogenous
" liquefying
" chromogenic
aerobic and anaerobic
slightly elongated diplococcus

Polarity
+anode
-cathode X
Death rate in milliamperes 12
Influence of X ray none
" " Ultra Violet ray stops culture growth in 64 min.
" " Infra Red ray retards growth in culture
Thermal death point 47C 24 hrs.
Filiment voltage 9
" amperage 26
Plate voltage 1100
Cycles per second 1,200,000
Wave length of super regeneration of audion tube: 785 Meters.

Diplococcus Intracellularis Meningitides
(Weichselbaum) 1887
(Spinal Meningitis)

Non motile
" flagellated
" sporogenous
" chromogenic
" liquifying
aerobic and anaerobic

Polarity
+anode
-cathode X
Death rate in milliamperes 110 D.C.
Influence of X ray none
" " Ultra Violet ray slight
" " Infra Red " none
Thermal death point 46C 24 hrs
Filament voltage 11
" amperage 29
Plate voltage 870
Cycles per second 927,800
Wave length of super regeneration of audion tube 167 meters

Bacillus Mallei
(Loffler and Schutz) (1882)
(Glanders)

Non motile
" flagellated
" oporogenous
" liquefying
" chromogenic
aerobic and anaerobic
Length 1.5-3 μ: breadth 0.25-0.4 μ

Polarity
+anode X
- cathode

Death rate in milliamperes 95
Influence of X ray none
" " Ultra Violet ray none
" " Infra Red " none
Thermal death point 50°C 24 hrs.
Filiment voltage 9
" amperage 127
Cycles per second 986,000 927= Plate voltage
Wave length of super regeneration of audion tube 407 Meters.

Spirillum Cholerae Asiaticae
(Koch) 1884
(Cholera Spirillum)

Motile
flagellated
liquefaging
phrasitic
aerobic and anaerobic
non-sporogenous
" chromogenic

Polarity
+anode X
-cathode X
Death rate in milliamperes 74
Influence of X ray none
" " Ultra Violet Ray slight
" " Infra Red " none
Thermal death point 43 C
Filiment voltage 12
" amperage 26
Plate voltage 187
Cycles per second 851,000
Wave length of super regeneration of audion tube 312 met.

Bacillus Typhi Murium
(Loffler) 1889
(Typhus Murium)

motile
flagellated
aerogenic
non sporogenous
" liquefying
" chromogenic

Polarity
+ anode
- cathode
Death rate in milliamperes
Influence of X ray
" " Ultra Violet ray
" " Infra Red "
Thermal death point
Filiment voltage
" amperage
Plate voltage
Cycles per second
Wave length of super regeneration of audion tube

Bacillus Influenzae
(R. Pfeiffer) 1892
(Influenza)

Non motile
" flagellated
" sporogenous
" liquefying
" chromogenic
aerobic
Length 0.5 μ : breadth 0.2 μ

Polarity
+ anode
- cathode X
death rate in milliamperes 120
Influence of X ray none
" " Ultra Violet ray slight in showing growth
" " Infra Red ray none
Thermal death point 50C.
Filiment voltage 11
" amperage 7
Plate voltage 250
Cycles per second 1,674,000
Wave length of super regeneration of audion tube 154 met.

Koch-Weeks Bacillus

(Koch) and (Weeks) 1895

Contagious Conjunctivitis

non motile
" flagellated
" sporogenous
" liquefying
" chromogenic
aerobic and anaerobic
Length - 1.2 μ : breadth 0.25 μ

Polarity
+anode X
-cathode X
death rate in milliamperes 89 P.C.
Influence of X ray none
" " Ultra Violet ray none
" " Infra Red " none
Thermal death point 42 C.
Filiment voltage 12
" amperage 8
Plate voltage 900
Cycles per second 1,206,000
Wave length of super regeneration of audion tube 148 meters

Staphylococcus Pyogenes Aureus

(Rosenbach) 2.k 2.

(Staphylococcus)

Non motile
" flagellated
" sporogenous
liquifying
chromogenic
aerobic and anaerobic
Diameter - 0.7 μ

Polarity
+ anode
- cathode X
Death rate in milliamperes 89 D.C.
Influence of X ray none
" " Ultra Violet ray retards growth in culture
" " Infra Red ray stimulates " " "
Thermal death point 40 C.
Filiment voltage 12
" amperage 18
Plate voltage 1,100
Cycles per second 998,740 ✓
Wave length of super regeneration of audion tube 540 ✓ meters

Streptococcus Pyogenes

(Rosenbach) date?

Streptococcus

Non motile
" flagellated
" sporogenous
" liquefying
" chromogenic
aerobic and anaerobic
diameter – 0.4 – 1 μ

Polarity
+anode X
-cathode
death rate in milliamperes 120 D.C.
Influence of X ray none
" " Ultra Violet ray retards growth in culture
" " Infra red ray none
Plate voltage 921
Filiment voltage 8
" amperage 9
Cycles per second 1,241,000 ~
Wave length of super regeneration of audion tube 142 meters
Thermal death point 50 C.

Bacillus Typhosus Filterable virus:

Rife & (Kendall) 1932 passes W: K medium

motile small ovoid granule
highly plastic
visable only with monochromatic light
angle of refraction 4.8—
color by chemical refraction turquoise blue
length. breadth

Polarity
+anode X
-cathode
Death rate in milliamperes 128. D.C.
Influence of X ray none
" " Ultra Violet ray slows motility
" " Infra Red " none
Thermal death point 41C 24 hrs.
Filament voltage 11
Plate voltage 1,700
Cycles per second 4,680,000
Wave length of super regeneration of audion tube 21½ met.
Filament amperage .49

Bacillus Coli Filterable virus

R:Sc & (Kendall) 1932 passes W: K medium

motile avoid granule
highly plastic
visable only with monochromatic light
angle of refraction 7° +
color by chemical refraction dark brown
length: breadth

Polarity
+ anode X
- cathode X
death rate in milliamperes 86. DC.
Influence of X ray none
" " Ultra Violet ray none
" " Infra Red - stimulates growth
Thermal death point 43 C 24 hrs.
Filiment voltage 12
" amperage 30
Plate voltage 980
Cycles per second 8,581,000
Wave length of super regeneration of audion tube. 27 Meters.

Streptococcus Poliomyelitis Filterable virus
Rife & (Rosenow) 1932
posses N
Chick infusion broth

non motile spherical granule
highly plastic
visable only with mono chromatic light
angle of refraction 8.3+
color by chemical refraction Redish Brown
length breadth

Polarity
+ anode
- cathode
death rate in milliamperes
Influence of X ray
" " Ultra violet ray
" " Infra Red "
Thermal death point
Filament voltage
" amperage
Plate voltage
Cycles per second.
Wave length of regeneration of audion tube

Bacillus X

(Rife) 11-20-32

Filterable Virus: Passes W: K Medium

motile small ovoid granule
highly plastic
visable only with mono chromatic light
angle of refraction 123/10
color by chemical refraction Purple-red
length- 1/15 u : breadth 1/20 u

Polarity
+ anode
- cathode X
Death rate in milliamperes 175 D.C.
Influence of X ray none
" " Ultra Violet ray slows motility
" " Infra Red " none
Thermal death point 42C. 24 hrs.
Filiment voltage 10
" amperage 86
Plate voltage 928
Cycles per second 14,780,000
Wave length of super regeneration of audion tube 17 6/10 Met.