

BOOKMARKS  
5000-08-02

# THE MOLD IN DR. FLOREY'S COAT

THE STORY OF THE PENICILLIN MIRACLE

ERIC LAX

A JOHN MACRAE BOOK  
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Money was  
constant problem  
Rockefeller Foundation

What was a  
"circuit rider"

What is an enzyme  
sulfa drugs

Fleming 5'5"

Abraham - 80 million lbs  
from patents

Charles Sherrington

Howard Florey

Norman Heatley

Margaret Jennings

Alexander Fleming

Ethel Florey

James Kent

John Futton (Yale)

Edward Mellanby

Edward Abraham

Details of Florey  
and Chain's discovery  
of penicillin are  
sketchily documented  
P81

Dr. Alexander Fleming - 1928  
Howard Florey  
Ernst Chain } 1940  
Norman Heatley

Anne Miller (31) Mar 14, 1942  
New Haven Hospital

Alexander Fleming - b. Aug 6, 1881 - Scotland 5'6"  
Seven of eight children July 1908 - St. Mary's Med School London  
Joined Royal College of Surgeons in 1906 - Stayed 49 years.  
Inoculation Dept

WWI - Lt. Fleming - 1927-28 - How was penicillin discovered  
Cultures - lab - vacation p16 29 Fleming's paper on penicillin  
enzymes / lysozyme - by all accounts a dreadful speaker  
not persuasive

Streptococcus  
Staphylococcus  
Fleming worked on Penicillin until 1935  
His 1929 paper went mostly unnoticed for  
10 years - one of the most important  
medical papers ever written

Howard Walter Florey - an Australian - dies in 1968

b. Sept 24, 1898  
grad med school - Adelaide  
1922 Rhodes Scholar  
Florey chosen as prof. of Pathology - 1935

Ernst Boris Chain - came Oxford 1935 (was 29) 8 yrs.  
younger than Florey

Norman George Heatley b. Jan 10, 1911 Woodbridge, Suffolk

Heatley and Chain were opposites / had trouble working  
together - completed a tumor study

Florey had 4 puzzles to solve p97  
with penicillin

BOOKNOTES  
BRIAN P. LAMB  
C-SPAN AIR DATE

768. Eric Lax  
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Pencillin Miracle  
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\* John Fulton letter to Swedish delegation on  
Nobel Prize p238

Florey should get Nobel not Fleming alone  
1944 - 0 to 100 Billion units of P. per month  
1951 - 25 to 30 Trillion a month  
1978 - 384 Trillion a month

> in U.S.

Nobel - maximum to share is 3

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Etzel became involved Jan 1942 p200  
Penicillin power against infection

Heathley at Merck

Florey at the Dunn School

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1943 - In U.S. War Department's second highest  
priority

Aug 5, 1942 - Fleming called Florey - p206  
needed P. for his friend 52yr. old Harry Lambert  
injected P. directly into spinal chord -  
last time Florey and Fleming's relationship would  
be positive

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The 8 mice

Florey/Kent/Heathley

Would there be a need to destroy work to keep  
it from Hitler

Florey dies 1968

Margaret dies 1994 - - document on Howard p 127

Etzel dies 1966

Dr. Alfred Newton Richards - U. of Penn - without  
him Americans wouldn't have taken over  
production of penicillin p 187

### THE MOLD IN DR. FLOREY'S COAT

Children - Paginta and Charles sent to U.S.  
to avoid war. <sup>(10)</sup> <sup>(5)</sup>  
go to Yale - taken by John Fulton  
Sub attack - missed 600 ships bombed  
by July 41' (sunk)

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Lancet at Oxford announce experiment success  
Aug 24, 1940

The day London Blitz began

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Sulfonamides - a product of German ingenuity  
Chain pushed for Florey to get a patent for the  
Munn School - shouldn't have to pay royalties for  
own medicine p 162

Chain - anti semiticiser at Oxford

Chain was crushed about Florey and Heatley  
going on secret 3 months trip U.S. - He thought  
he was equal partner of Florey and trip was  
in bad faith p 170

BOOKNOTES

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