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Biography of John F. Enders and His Contributions to Microbiology

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The Education of John F. Enders: Friends, mentors, and microbes

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Purdue University Calumet
Library Scholars Presentation
March 23 2015

A course in virology



John F. Enders



Early academic work

A NOTE ON JONSON'S *STAPLE OF NEWS*

None of Jonson's editors has offered an explanation of the word 'Naometry' which occurs in the following passage:

1 Customer. Have you in your profane shop any news
Of the saints at Amsterdam?

Register. Yes; how much would you?

1 Customer. Six penny-worth.

Register. Lay your money down.—Read, Thomas.

Thomas. The saints do write, they expect a prophet shortly,
The prophet Baal, to be sent over to them,
To calculate a time, and half a time,
And the whole time, according to Naometry.

Pennyboy junior. What's that?

Thomas. The measuring of the temple; a cabal
Found out but lately, and set out by Archie,
Or some such head, of whose long coat they have heard,
And, being black, desire it.¹

There can be little doubt that Jonson is here referring to the *Naometria*, a work by the German antiquary and mystic Simon Studion.²

Nobel Prize Physiology or Medicine 1954

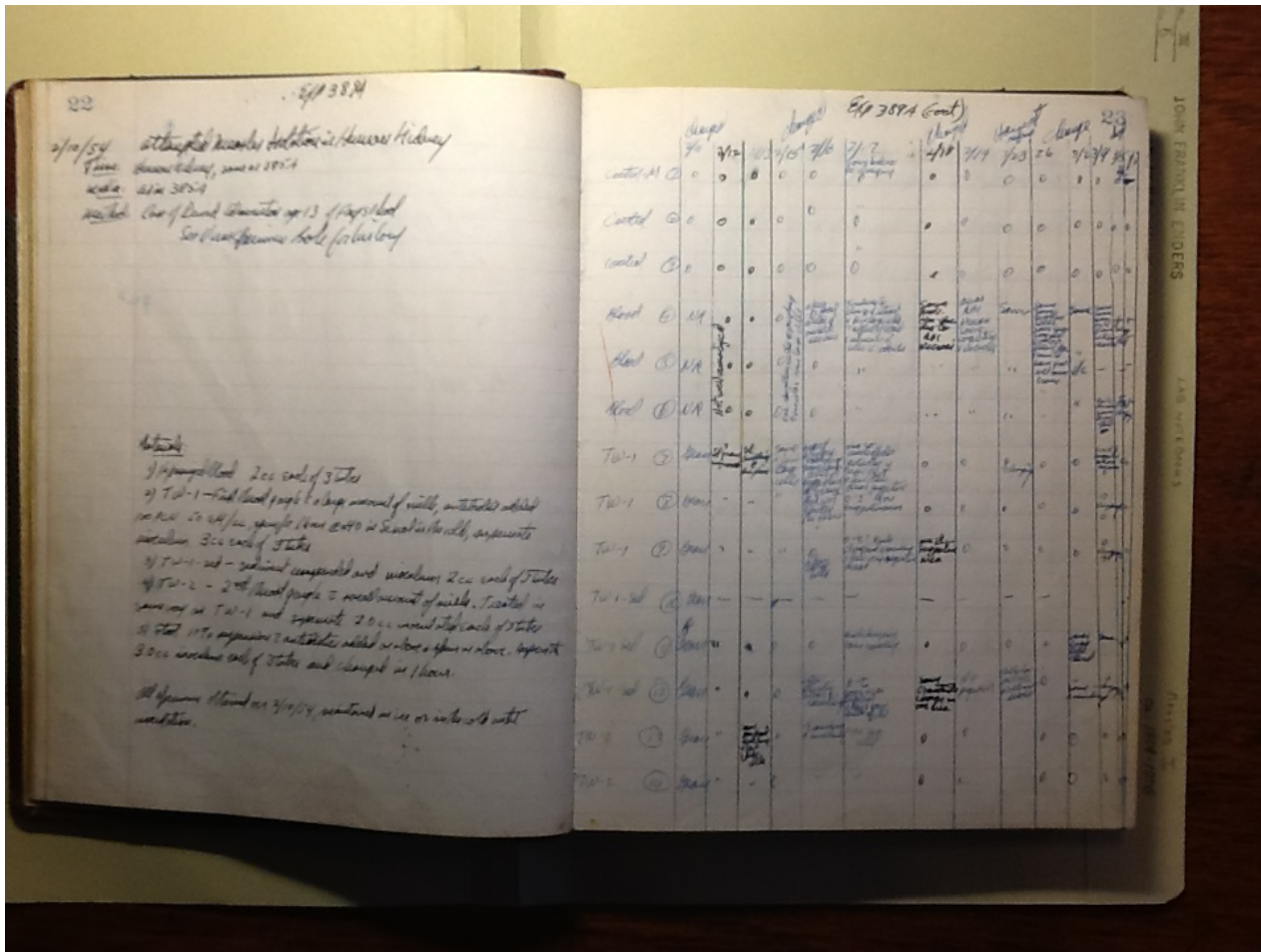


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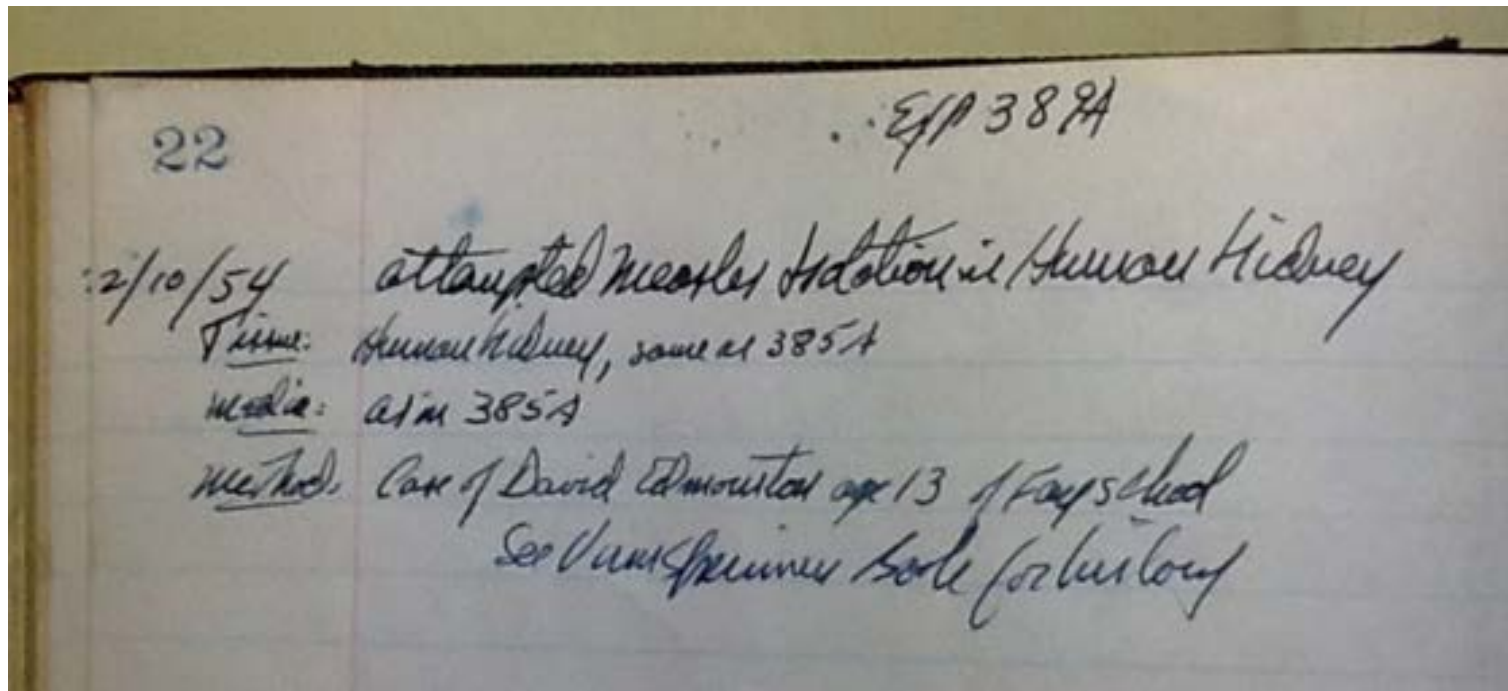
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Experiment 389A



Experiment 389A cont.



Experiment 389A cont.

Materials:

- 1) 1/2 penicillin blood 2cc each of 3 tubes
- 2) TW-1 - First throat gargle & a large amount of mucus, antibiotics added
100 PCN 50 SM/cc, spray for 1 hour @ 40 in Denol in the cold, supernatant
inoculum 3cc each of 3 tubes
- 3) TW-1-2ed - sediment resuspended and inoculum 2cc each of 3 tubes
- 4) TW-2 - 2nd throat gargle & small amount of mucus. Treated in
same way as TW-1 and supernatant 2.0cc inoculated each of 3 tubes
- 5) Stool 10% suspension & antibiotics added as above & spray as above. Supernatant
3.0cc inoculum each of 3 tubes and changed in 1 hour.

All specimens obtained on 2/10/54, maintained in ice or in the cold until
inoculation.

David Edmonston



CBS Special



Note from mom

9/16/61

Dear Dr. Gunders
You have done the thing
that I have been praying
for (ever since I had
been a mother). I was so
thankful when I read the
headline in the "Hartford
Times" last week "Gunders
Vaccine Just Knocks Out
Measles". Words simply
couldn't express my feelings.
I have a little girl
who is $5\frac{1}{2}$ & a little boy
2 yrs. of age. My daughter
started school a couple
of weeks ago. It was
troubling if it would be
possible for her to have
the measles (my boy also)

I'm so afraid that she
will get the measles
this year & I certainly
haven't looked forward
to it. I'm told (from
other mothers) that
children become quite ill
with measles. I'd rather
be ill myself than
see little children suffer.
Doctor I don't want
to take up any more of
your time. You must
be such a busy man.
Many, many thanks
and may God be with
you always.
I would appreciate
it so very much if I

Cytopathic effects

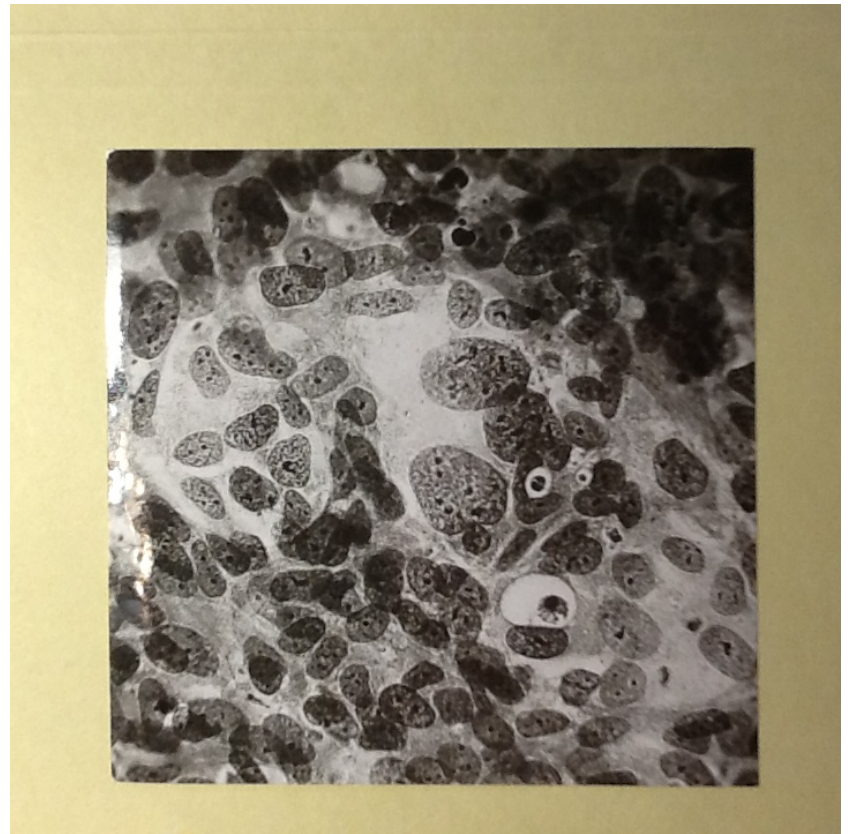
2/2/54 All cells affected - Rounded up. Many large swollen forms usually spherical but some with elliptical or irregular shapes. These large cells appear to be giant cells containing from 1 to ^{as many as} 14 nuclei.

Cytopathic effects cont.

Control



With virus



Cytopathic effects cont.

Control



With virus

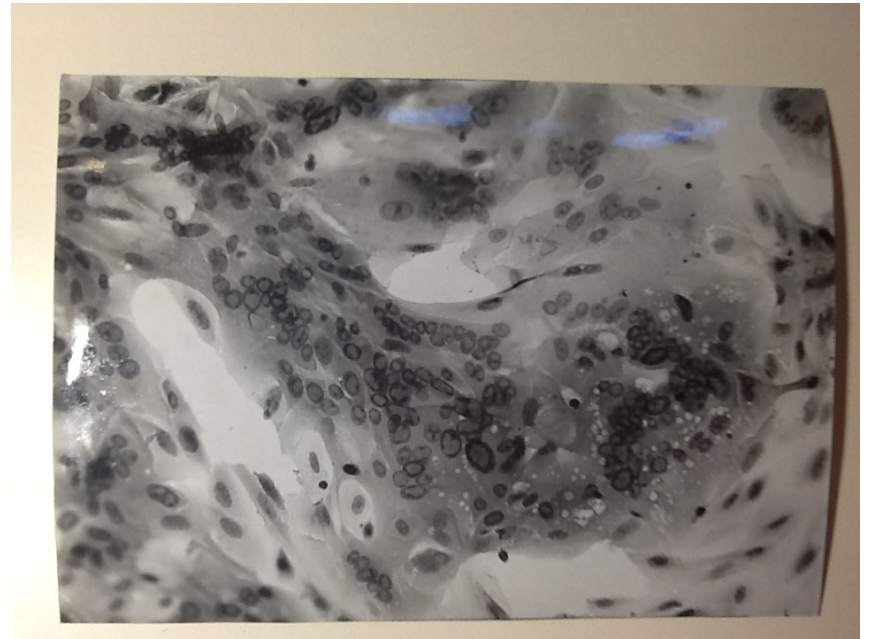


Cytopathic effects cont.

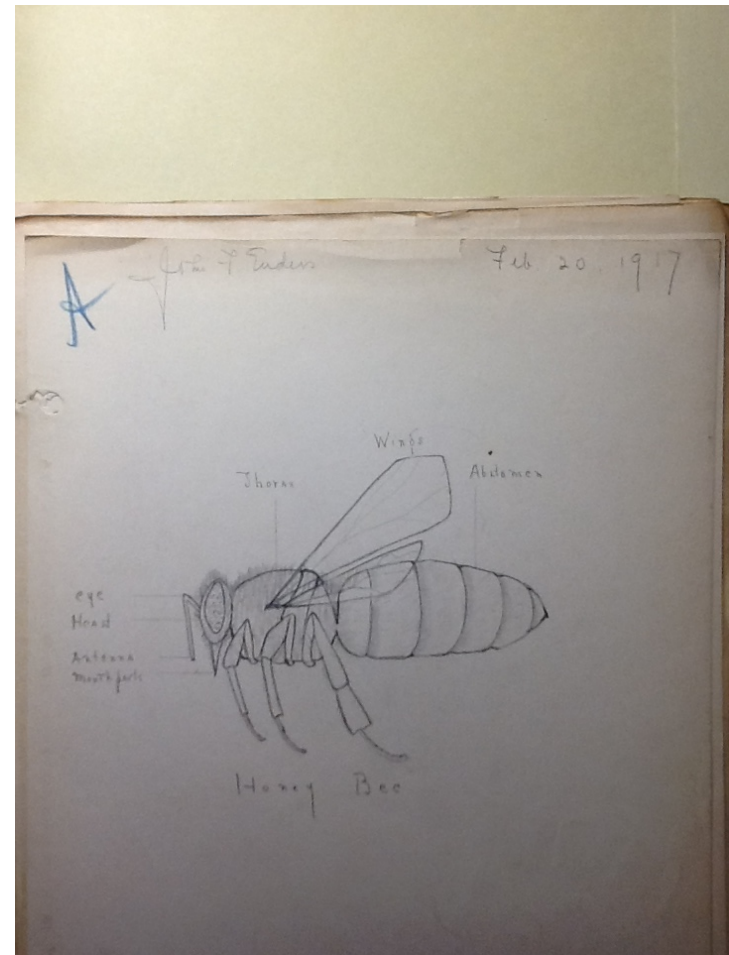
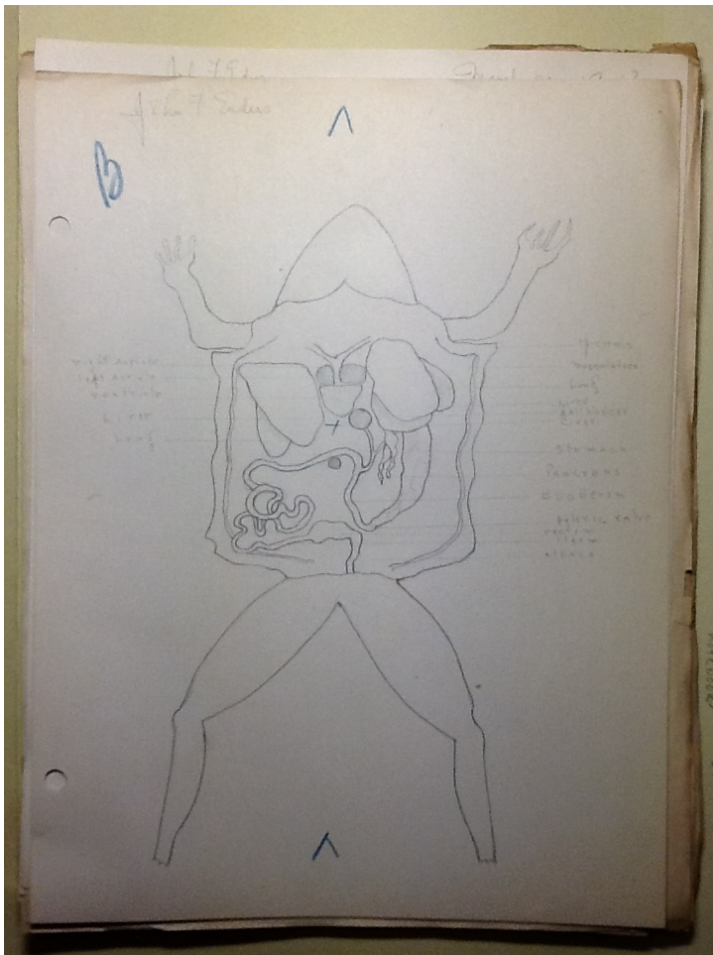
Control



With virus



Undergraduate biology cont.



...in the lab

