

Re: Rupture aortic aneurysm

Source: <http://sci.tech-archive.net/Archive/sci.med.cardiology/2005-04/msg00477.html>

- *From:* "Jeff" <kidsdoc2000@xxxxxxxxxxxx>
 - *Date:* Sat, 16 Apr 2005 01:10:01 GMT
-

"Thorsten Schier" <Finrod_Felagund@xxxxxx> wrote in message
[news:d3pkd7\\$ap2\\$02\\$1@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:d3pkd7$ap2$02$1@xxxxxxxxxxxxxxxxxxxxxxxx)
(...)

> Natural selection is at the heart of the current theory of how evolution
> works (the synthetic theory). That does mean that other theories of this
> are impossible and in fact many other theories have been proposed.

I definitely agree that natural selection is the main driving force of
evolution.

I guess my objection to Mr. Chung's comments was two-fold:

1) Evolution and natural selection are not the same thing. Evolution is the
change of a species over time. Natural selection plays a major role in that,
but natural selection and evolution are not the same thing.

2) There are more mechanisms to evolution than just natural selection like
punctuated equilibrium and genetic drift. And plain-old dumb luck.

> You should not confuse observable facts like evolution or the movements of
> planets with the theories with which scientists explain these facts (the
> synthetic theory with natural selection as most important part for the
> evolution and gravity for the movements of planets).

Correct. Unfortunately, theory means different things in different contexts.
For example, theory means hypothesis in some contexts, like I have a theory
why it took so long for Boston to win the World Series. Theory also means
scientific fact or principle, as in the theory of gravity, quantum theory
or theory of evolution.

>>>

>>>>Without natural selection, the theory of evolution would be dead.

>>>

>>>>No it would not. Things can evolve without natural selection, like

>>>>genetic

>>>>drift.

>>

Re: Rupture aortic aneurysm

>>
>> Genetic drift would not explain the creation of new species.
>>
>
> Not alone, but it is often a part in the creation of new species.
>
> [...]
>
>> Truth is simple.
>
> Only to the simple-minded.

Or those who don't try to understand.

Jeff

>
> Regards,
>
> Thorsten
>
> ---
> "Nothing in biology makes sense, except in the light of evolution"
>
> (Theodosius Dobzhansky)

• **References:**

- ◆ **Rupture aortic aneurysm**
◇ *From: aureus*
- ◆ **Re: Rupture aortic aneurysm**
◇ *From: Andrew B. Chung, MD/PhD*
- ◆ **Re: Rupture aortic aneurysm**
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Re: Rupture aortic aneurysm

◇ *From:* Andrew B. Chung, MD/PhD

◆ ***Re: Rupture aortic aneurysm***

◇ *From:* Thorsten Schier

- Prev by Date: ***Re: Rupture aortic aneurysm***
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