Propositions

Development of Antiviral Therapy against Hepatitis E Virus Infection on the Basis of Host Factors

1. The nature of immunosuppressant use determines the outcome of transplantation-associated HEV infection. (this thesis)

2. IMPDH represents a promising target for anti-HEV therapy. (this thesis)

3. Blocking de novo pyrimidine nucleotide synthesis signalling is a potential mechanism for designing anti-HEV medicines. (this thesis)

4. The integrity of mitochondria DNA is critical for restricting HEV infection. (this thesis)

5. The alteration of mitochondrial dynamics during HEV infection might be a strategy of the virus for persistent infection. (this thesis)

6. That is the essence of science: ask an impertinent question, and you are on the way to the pertinent answer. (Jacob Bronowski). To improve insight into HEV infection, we challenged the novel avenue “mitochondria”, which never appear and seems impertinent in HEV propagation.

7. Little drops of water, little grains of sand, make the mighty ocean and the pleasant land. (Julia Carney). We often forget that H₂O is biologically the most relevant molecular.

8. No great discovery was ever made without a bold guess. (attributed to Sir Isaac Newton). These seem the characteristics of all important scientific discoveries. Listen critically; mentally challenge assertions, ideas, philosophies. Seek the truth with an open mind.

9. Metaphysics is called gods will, and the physics is structure. (the Book of Changes). Ideas bring science forward, but practice is what matters.

10. Don’t waste life in doubts and fears. (Emerson). If you have an idea, just do it. Don’t consider it to death.

11. Most of it doesn’t matter. So much of what I got excited about, anxious about, or wasted my time and energy on, turned out not to matter. There are only a few things that truly count for a happy life. I wish I had known to concentrate on those and ignore the rest. (unknown)

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