

Preclinical validation of Notch therapeutics for cancer treatment

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Propositions

Belonging to the thesis entitled

“Preclinical validation of Notch therapeutics for cancer treatment”

Sanaz Yahyanejad

15 October, 2015

1. NOTCH4 is functionally very different from other NOTCH receptors and despite our very intense study and the others on understanding its activation mechanism, there still remains a lot of unanswered questions. (*this thesis*)
2. The findings of this thesis offer an opportunity to develop new treatment strategies for the treatment of glioblastoma. (*this thesis*)
3. There is a great need to develop safe and efficient NOTCH-based therapies. (*this thesis*)
4. An image-guided precision irradiator and a dedicated treatment planning system are required for accurate irradiation in preclinical studies to more closely mimic clinical practice. (*this thesis*)
5. Understanding the Notch expression status of different tumors would be invaluable for scheduling an appropriate treatment on patients who will likely benefit from Notch targeted therapies. (*Valorization*)
6. Science is always wrong, it never solves a problem without creating ten more. (*George Bernard Shaw*)
7. Climb mountains not so the world can see you, but so you can see the world. (*David McCullough*)
8. Some beautiful paths cannot be discovered without getting lost. (*Erol Ozan*)
9. The real voyage of discovery consists not in seeking new landscapes, but in having new eyes.” (*Marcel Proust*)
10. When all the details fit in perfectly, something is probably wrong with the story. (*Charles Baxter*)
11. Choose a job you love, and you will never have to work a day in your life. (*Confucius*)