

Prepositions accompanying the dissertation

## **Novel insights into the biology of brain metastasis**

1. The brain's response is different when confronted with metastases originating from breast cancer and lung adenocarcinoma. *(This thesis)*
2. Brain metastases arising from lung adenocarcinoma exhibit higher immune infiltration compared to those originating from breast cancer. *(This thesis)*
3. Tailoring the treatment of brain metastases is important taking into account the origin of the primary tumor. *(This thesis)*
4. Shared molecular characteristics and distinctions in brain metastases from breast cancer and lung adenocarcinoma highlight unique mechanisms of propagation employed by different tumor types. *(This thesis)*
5. The association between pathogenic gut microbiota and inflammatory immune response may increase the risk of developing cancers *(This thesis)*
6. The whole purpose of education is to turn mirrors into windows. *(Sydney J. Harris)*
7. Research is to see what everybody else has seen, and to think what nobody else has thought. *(Albert Szent-Györgyi)*
8. Translational research is crossing the valley of death. *(Declan Butler, Nature, 2008)*
9. The best and most efficient pharmacy is within your own system. *(Robert C. Peale)*
10. When you come out of the storm, you won't be the same person who walked in. That's what the storm is all about. *(Haruki Murakami)*
11. You are not a drop in the ocean, you are the entire ocean in a drop. *(Rumi)*

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March 26, 2024