



# Pan-cancer study of transcriptional responses to oncogenic somatic mutations

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## AN EASY-TO-UNDERSTAND SUMMARY

I finally did it! After more than six years of PhD studies, with two years of parental leave in between, I finally finished my PhD! If you are familiar with the research topic, please feel free to read my entire thesis!

Otherwise, I should first clarify that pan-cancer does not mean pancreatic cancer! Pan is a Greek term meaning ‘all’, therefore pan-cancer refers to a study that focuses on a variety of cancers. You can also have a look at the word-cloud illustrations on the front cover and see if those words ring any bell!

During my PhD years, I have studied the transcriptional responses to oncogenic mutational events, which are referring to genes that have a potential role in carcinogenesis (see study 1 and 2). In study 3, we investigate proteomic and transcriptomic alterations upon inhibition of a cancer driver gene using marketed oncology drugs.

Lastly, you should definitely have a look at the ‘ACKNOWLEDGEMENT’ section of the book, which is where I thank all the people that helped me during these years. I hope that you can find your name somewhere in there! And if not, you are definitely among ‘Others’.



Arghavan Ashouri was born in 1987 in Tehran, Iran. She received her Bachelor’s degree in Molecular Biology in Tehran, and moved to Sweden in 2011 to earn her Master’s degree on the same subject. She was then enrolled as a PhD candidate in 2015.