The topic of my thesis relationship of smoking and lung cancer histology am chosen mainly because of the relevance of the topic and close relationship to health status Czech population. Question smoking and its health consequences is not just a problem medical, but society as a whole extending to the political level and other areas of public life. Czech Republic, along with other European countries Union joined the fight against this vice, and politicians must now solve complex problems that revolve around population health, personal freedom individuals, including the right to damage their health and spending Health.

Lung cancer is undoubtedly the most serious medical problem connected with smoking. The connection between smoking and lung tumors have been suspected long, gradually assumption confirmed and quantified statistically and probabilistically. Despite this problem give scientists all over the world special attention, this research is far from closed. from global Looking at lung cancer as a whole, attention shifts to monitor the relationship smoking to the individual histological types of tumors and other sub- střípkům intricate mosaics.