

Topics of the Ph.D. studies were:

1) hereditary neuropathy and 2) non-syndromic hearing loss

Ad 1) The larger part of the dissertation thesis is devoted to hereditary neuropathies Charcot-Marie-Tooth (CMT). Four families with hereditary neuropathy were examined by the linkage analysis on SNP chips. The other part describe the analysis of new mutations in the GJB1, MPZ and PMP22 genes.

Ad 2) The author performed the homozygosity mapping in a Czech Roma families with non-syndromic hearing loss.