

## Publication

Creatine kinase elevation caused by a combination of fluvastatin and telmisartan in a patient heterozygous for the CYP2C9\*3 and ABCC2 -24C < T variants: a case report.

### **JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)**

**ID** 2819159

**Author(s)** Meyer zu Schwabedissen, Henriette E; Siegmund, Werner; Kroemer, Heyo K; Rollnik, Jens D

**Author(s) at UniBasel** [Meyer zu Schwabedissen, Henriette](#) ;

**Year** 2014

**Title** Creatine kinase elevation caused by a combination of fluvastatin and telmisartan in a patient heterozygous for the CYP2C9\*3 and ABCC2 -24C < T variants: a case report.

**Journal** BMC Research Notes

**Volume** 7

**Pages / Article-Number** 688

**BACKGROUND:** Genetic factors as predictor of the individual outcome of drug therapy is one aim of personalized medicine approaches.**CASE PRESENTATION:** We report a drug metabolism based analysis of genetic polymorphisms in a Caucasian patient receiving fluvastatin and telmisartan experiencing myotoxicity (myalgia and moderate creatine kinase elevation).**CONCLUSIONS:** The obtained findings suggest that heterozygosity of cytochrome P450 CYP2C9\*3 variant in combination with multidrug resistance-associated protein MRP2-24C > T functions as risk factor predisposing to experience drug-drug interaction combining those drugs.

**edoc-URL** <http://edoc.unibas.ch/dok/A6337654>

**Full Text on edoc** No;

**Digital Object Identifier DOI** 10.1186/1756-0500-7-688

**PubMed ID** <http://www.ncbi.nlm.nih.gov/pubmed/25280537>

**ISI-Number** MEDLINE:25280537

**Document type (ISI)** Journal Article