

# Pharmacogenetics and the Practice of Medicine

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**Abstract:** *Drug–Drug-Interactions (DDI) are a well-known cause of adverse drug events<sup>1</sup>. The number of potential drug interactions increases exponentially with the number of taken drugs, making it hard to consider all drug interactions in polypharmacy patients. Drug interaction databases can help the clinician to recognize and avoid adverse drug interactions.<sup>2</sup> A phenomenon can be observed in daily practice, though: even if a Database warns about a clinically relevant DDI, the patient may not show any signs of a given DDI. This discrepancy between scientific evidence and clinical reality causes alert fatigue and also raises conflicts between the DDI warning pharmacists and no adverse Drug event-observing physicians.*

**Keywords:** Drug–Drug-Interactions