THE PHARMACOGENOMICS OF PERSONALIZED MEDICINE

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1 INTRODUCTION

According to the European Agency for Evaluation of Medicinal Products (EMEA, http://www.emea.eu.int/), *pharmacogenetics* is defined as "the study of inter-individual variations in DNA sequence related to drug response." This definition emphasizes the studies on allelic variation of metabolic enzymes involved in drug metabolism and points to the early successes in correlating the alterations in drug metabolism with variations in the genes responsible for production of the metabolic enzymes.

Pharmaceutical Sciences Encyclopedia: Drug Discovery, Development, and Manufacturing
Edited by Shayne C. Gad