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Pharmacogenetics of antipsychotic-induced Parkinsonism and tardive dyskinesia

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**Pharmacogenetics of Antipsychotic-Induced
Parkinsonism and Tardive Dyskinesia:
a Focus on African-Caribbeans and
Slavonic Caucasians**

Asmar F. Y. Al Hadithy

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RIJKSUNIVERSITEIT GRONINGEN

**Pharmacogenetics of Antipsychotic-Induced
Parkinsonism and Tardive Dyskinesia:**

a Focus on African-Caribbeans
and Slavonic Caucasians

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Asmar Faris Yassin Al Hadithy

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To my parents, for raising me up

To Samir & Ayser, for their friendship

To Ilona, for her boundless companionship and love

Paranimfen:

Dr. Fiorella Brustolin

Dr. Muhammed Hadithi

Death is Nature's master-stroke, albeit a cruel one, because it allows genotypes space and opportunity to try on new phenotypes. ...Our bodies and minds are these perishable phenotypes – the froth, which always turns to scum, on the wave of our genes. These genes are not really our genes. It is us who belong to them for a few decades. It is one of Nature's great insults that she should prefer to put all her eggs in the basket of a defenceless, incompetent neonate rather than in the tried and tested custody of our own superb minds. But as our neurofibrils begin to tangle, and that neonate walks to a wisdom that eludes us, we are forced to give Nature credit for her daring idea. ...So we must admit that, on reflection, dying is a brilliant idea, and one that it is most unlikely we could ever have thought of ourselves.

Hope RA, Longmore JM, McManus SK, and Wood-Allum CA.
Oxford Handbook of Clinical Medicine, 4th edition (Oxford University Press Inc., New York, 1998)

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