

Reliability Systems in Plants as a Basis for Evolution

Dmitro M. Grodzinsky

*Department of biophysics and radiobiology
Institute of cell biology and genetic engineering
National academy of Sciences of Ukraine
Kiev, Ukraine
E-mail: dmgrad@ukrpac.net*

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Reliability of cell and multicellular organism is governed by the action of special systems among which are six types of DNR repair, renewal of membranes, self-assembling of molecular machines on the cell level as well as repopulation processes and cell selections on the level of tissue. These systems reveal and failures in molecular structures due to stochastic process and determine the future trends in the cell development. Reliability systems may be thought of as a basis for the trouble free operation in any living beings and evolution processes.