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## Solid-state characterization of micophenolic acid

Ionut-Valentin Ledeti<sup>1</sup>, Gabriela Vlase<sup>1</sup>, Titus Vlase<sup>1</sup>, Lenuta-Maria Suta<sup>2</sup>, Ionel Ciucanu<sup>1</sup> and Adriana Fulias<sup>2</sup>

<sup>1</sup>West University of Timisoara, Romania

<sup>2</sup>University of Medicine and Pharmacy "Victor Babeş", Romania

Mycophenolic acid (MPH) is an bioactive compound, used as immunosuppressant agent employed in prevention of organ transplant rejection in adults, but as well for renal transplant rejection in children with age over two years. Our study was focused on the in-depth analysis of solid-state characterization of MPH, by the means of stability under ambient conditions and as well under thermal stress. The samples were fully characterized using thermo analytical techniques (TG/DTG/HF), and as well FT-IR spectroscopy. These results represent the preliminary information in carrying the complete kinetic analysis using iso-conversional methods and NPK method.

### Biography

Ionuț Ledeti has completed his from Politehnica University of Timișoara, and currently is a Postdoctoral student at West University of Timișoara, Romania. Up to the date, he has published 53 papers in reputed journals, in the field of Physical Chemistry of Bioactive Substances.

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[ionut.ledeti@umft.ro](mailto:ionut.ledeti@umft.ro)

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