Although psychiatrists may have a variety of options for the treatment of mood disorders, the clinical practice and the scientific literature demonstrate a large number of treatment-resistant patients. Partial or complete treatment resistant patients bring a tremendous burden to patient, family and society. Just as an example of this complexity, suicide and various comorbidities are special focus in the clinical measures associated with resistant depression. Both unipolar depression and bipolar patients are usually discussed and presented by treatments that work. Books, articles, and even physicians prefer to describe success treatments, almost never failure moments. Very rarely the difficulties and no response are presented in the medical setting. When data of resistance are shown in meetings, the audience becomes surprised by the large numbers of non-responders and the few data-based options for these cases. This magnificent book has the latest data on causes, mechanisms, and clinical trials in difficult-to-treat mood disorders. In this new publication, the 14 chapters are aimed to present and discuss the influence, predictors and treatment options for mood disorders that do not respond to usual treatments. Treatment-resistant depression is a severe disorder and research most focus in all the possibilities for overcome this challenge clinical moment. It is a book that all psychiatrists should read, think about the data presented, and take some of its useful suggestions for treating our non-responder depressive patients. The chapters are:

1. Marcelo T. Berlim, Santiago Tovar-Perdomo and Marcelo P. A. Fleck – Treatment-resistant major depressive disorder: current definitions, epidemiology and assessment
2. Chris Abbott and Mauricio Tohen – Treatment-resistant bipolar disorder: current definitions, epidemiology and assessment
5. Andrew Haddon Kemp, André Russowsky Brunoni and Rodrigo Machado-Vieira – Predictors of treatment response in major depressive disorder.
7. André F. Carvalho, Thomas N. Hyphantis and Roger S. McIntyre – Evidence-based pharmacological approaches for treatment-resistant major depressive disorder
8. Poon SH and Sim K – Evidence-based pharmacological approaches for treatment-resistant bipolar disorder
10. Eric Cretaz, Alexandre Duarte Gigante and Beny Lafer – Electroconvulsive therapy for treatment-resistant mood disorders
11. André Russowsky Brunoni, Pedro Shiozawa and Felipe Fregni – Novel non-invasive brain stimulation approaches for treatment-resistant mood disorders
13. Marcio Gerhardt Soeiro-de-Souza and Rodrigo Machado-Vieira – Novel therapeutic targets for major depressive disorder
14. Seetal Dodd – Novel therapeutic targets for bipolar disorder

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