



PRESS RELEASE: PARIS May 10, 2012: Psychiatric Systems Medicine: From concepts to the first industrially operational results. PharmacoPsychiatry publishes our latest invited review describing a productive vision of Psychiatric Systems Medicine. This paper embodies a new concept that will change medical research organization and interactions between clinicians and researchers.

We are very pleased to share with you a very interesting new contribution that deciphers, for the first time, Systems Medicine with a specific focus on CNS disorders.

Dr François Iris, CSO of BMSystems, was invited by PharmacoPsychiatry to publish the first review describing a productive vision of Psychiatric Systems Medicine and our latest achievements in this domain. This paper embodies a new concept that will change medical research organization and interactions between clinicians and researchers.

Its title: Psychiatric Systems Medicine: Closer at Hand than Anticipated but not with the Expected Portrait.

You will discover that the work described in this review led to the creation of a spin-off exploiting truly innovative psychiatric treatments (WO/2010/029131) that allow very significant dosage reductions (from 5 to 20 times) for existing therapies!

In case you couldn't access the paper, you can download it from this link. [Click here](#)

*IMPORTANT:* If you want to get a clear review of **the Differences & Complementarities Between « Heuristic » and « Mathematical » approaches**, [we invite you to download](#) our presentation given during the EPA (European Psychiatric Association) conference in 2011 that is now utilized in training programs.

We shall also be happy to have the opportunity to meet you during the Bio Convention in Boston, at Bio Europe in Düsseldorf or to "meet you" on [LinkedIn](#) should we not be already linked.

Do not hesitate to share this document with your colleagues interested by the topic.

Best regards

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*ABOUT BMSYSTEMS:*

BMSystems created in 2004, profitable since 2006, is the first, and to date, the only company that succeeded to create in-silico Heuristic models validated in-vivo. We generate pertinent

new hypotheses, and launch lower risks programs without being obliged to change partners or clients existing R&D processes in the fields of neurology; psychiatry, pain, oncology, infectious diseases, dermatology, and industrial biotech.

What the company already did for itself: 5 publications, 4 patents, 1 therapeutic spin-off (Pherecydes-Pharma/Bacterial infections), 1 exclusive license signature to a new CNS company, it can do it with your company to refill its pipeline:

- Disease understanding / redefinition.
- New therapeutic strategies
- New associations of existing molecules (other indications, generics).
- Identification/selection of pertinent predictive Biomarkers.
- R&D programs evaluation.
- Drug (re)positioning /(re)profiling/ rescue.

#### FOR CONCEPT INFORMATION

The Differences & Complementarities Between  
« Heuristic » and « Mathematical » approaches.

Heuristics:

A problems solving approach evaluating each step in a process, searching for satisfactory solutions rather than for optimal solutions, using all, available qualitative information instead of quantitative information.

Thus,

Heuristic modeling starts from accumulated information to produce a model capable of describing the mechanisms that generated the observed outcome / data and predict their modifications associated with a different outcome;

It plays the role of an architect.

While

Mathematical (Bayesian) modeling starts from quantitative data to produce models capable of reiterating this data and predict the outcome of a different experimental paradigm.

It plays the role of an engineer.

Hence

Far from being incompatible, these two approaches are complementary.