



Union Européenne de Médecins Spécialistes
European Union of Medical Specialists

Innovative Partnerships To Accelerate CNS Drug Discovery For Improved Patient Care

Perspectives from UEMS



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Drugs in the past

systemic side effects =>
selective targeting molecules

intracellular active substances ?



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Possible CNS drugs
targeting intracellular processes

=> high level of similarity in
intracellular steering processes

=> high risk of affecting other
systems than targeted ones



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Did we reach the limits of the actual research possibilities paradigm of drug research?

Are the companies giving up
CNS drug research
the most inspired ones?



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Did we reach the limits
of actual research possibilities ?

Is it time for a paradigm shift ?

“Drugs for brain disorders”
Ready for retirement?



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If we do know too little about
brain functioning in general...

Shouldn't we prioritise research
on brain functioning as such ?

And temporarily refrain from research
on drugs for brain disorders ?



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If we do know too little about
brain functioning in general...

Shouldn't we conceive differently
psychiatric nosology, ...

develop a classification system
based upon a list of mental functions

?



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Knowing more about mental functions perhaps allows for...

Measuring them separately, broadly picturing a clinical image ...

Drug research focusing on particular mental functions



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Making reference to Bayesian techniques seems adequate...

This document markedly neglects possible input from practitioners

Exactly these techniques are useful in approaching databases collecting observational data !?



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Large scale databases collecting
observational data allow for...
research on other causal factors
on other therapeutic factors
on other clinical domains



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Research on brain functioning
and psychotherapy ?

has low commercial value...

but has life long added value !

who advises/decides on grants?



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Global health
has only poorly improved
by medical interventions

cure

but mainly did by hygienic measures

primary prevention



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Thank you for your attention

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