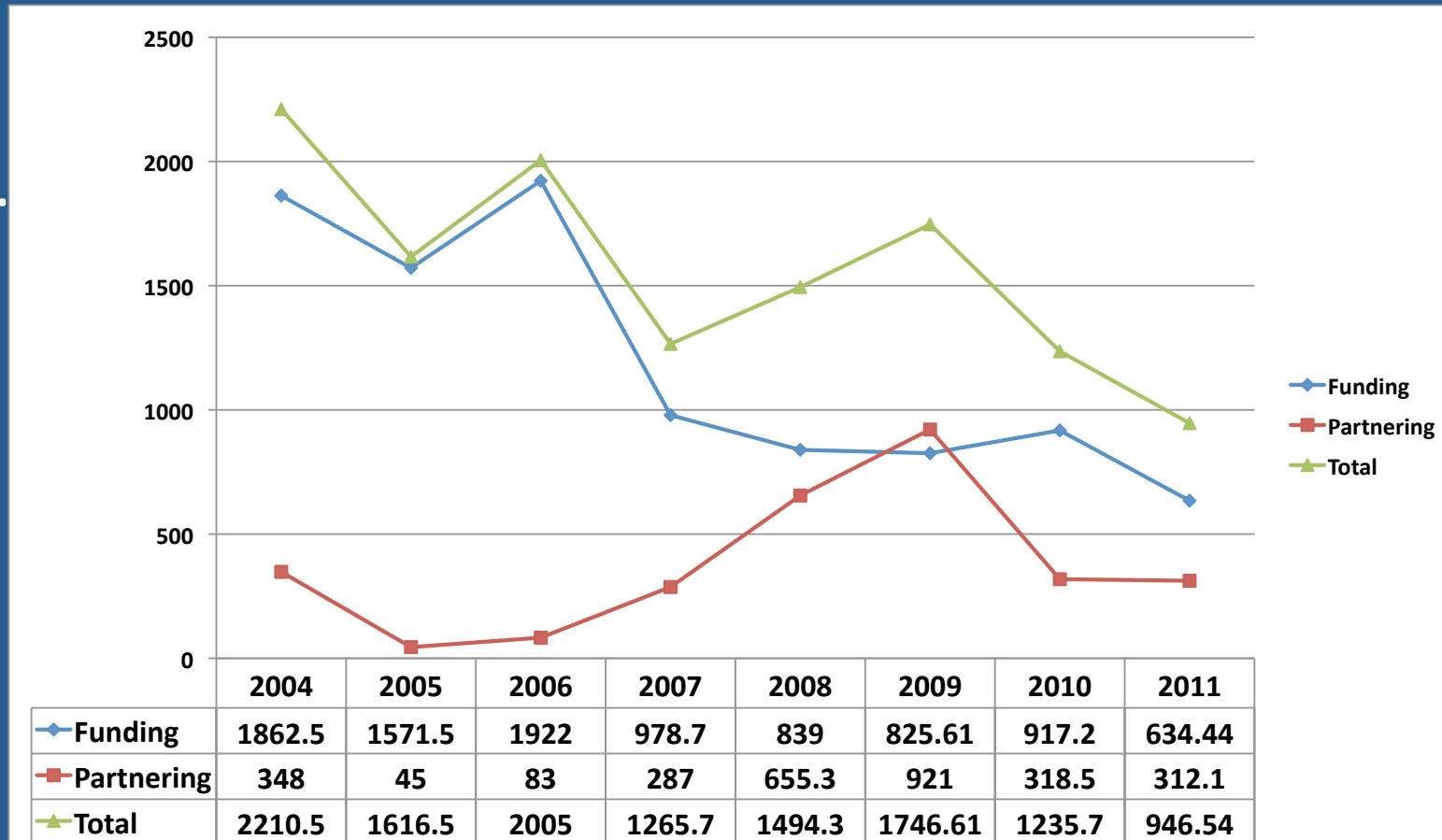


# Neurotherapeutics Industry Overview: Selected Slides from ISCDD 2012

NI Research

Tracking the Future of Neurotherapeutics

# Starvation Rations in the NeuroGulag



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# Astra Zeneca's Experiment

Inhouse core serving as R&D Frontal Lobe for outsourced activities

Lack of fixed costs means expenditures are more allosteric, activity-dependent. They go up as projects mature and succeed, which is acceptable to AZ

Nontraditional population  
Phase IIb failures to  
predict PhIII

Targacept TC-5214  
Medivation Dimebon



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# Academic-Industry 'Partnerships':

All the current rage because they require little upfront or operating funding.

A cheap way to eliminate the small company 'middle man.'

Will the two cultures mesh and work together efficiently and productively? Less often than Big Pharma thinks they will.

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# Bapineuzumab



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The Search for rapid antidepressant effect....

Naurex's  
GlyX-13

Depression



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Dialing down the risk in depression trials....

CeNeRx  
TriRIMA  
PhIIb



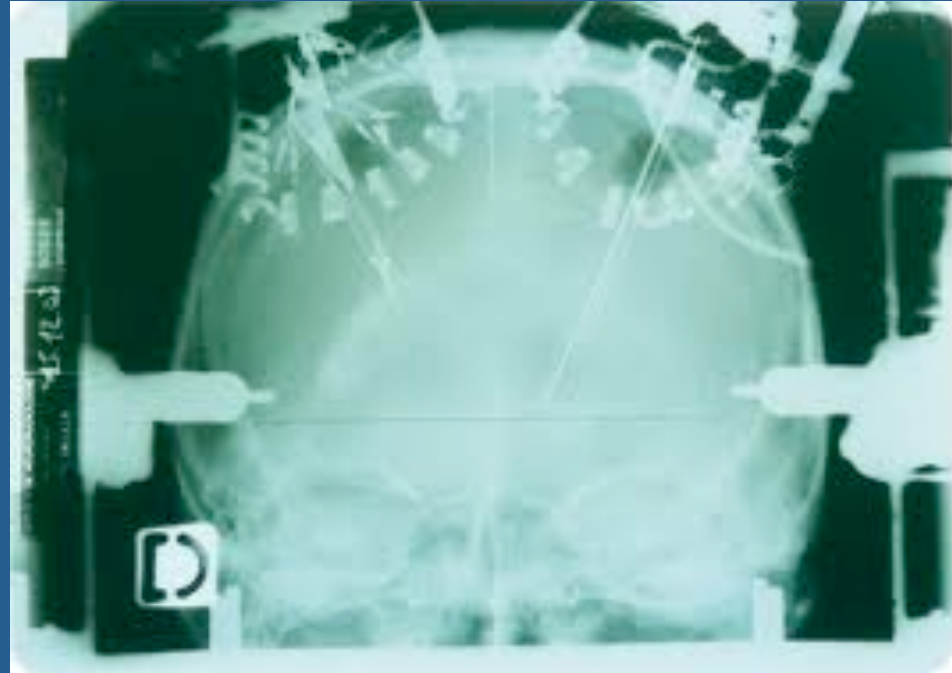
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Clinical proof for the cutting-edge....

## Ceregene and CERE-120



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