

2013

Lyon **B**rain, **M**ind and **H**ealth Institute (BMHI)

IHU **C**erveau & **S**anté **M**entale **CESAME** (Lyon)

Professeur François Mauguière

UCBL-CHU Lyon
Neurodis Foundation

Project leader

Presentation - Nov. 19, 2010

CESAME Institutional partners

Partners

- HCL- Lyon Hospital Organisation
- PRES - University of Lyon
- University Claude Bernard Lyon 1
- University Louis Lumière Lyon 2
- Vinatier Psychiatric Hospital
- National Institute for Health and Medical Research (INSERM)
- National Center for Scientific Research (CNRS)
- Lyon Neuroscience Research Centre (LNRC)
- SBRI, Stem-cell and Brain Research Institute
- CNC - Cognitive Neuroscience Center
- CREATIS
- L2C2 - Language, Brain and Cognition Lab
- SPIRIT - Schizophrenia Team
- LBMC - Molecular Biology of Cells Lab
- CGPMC - Centre for Molecular and Cellular Genetics and Physiology
- DDL - Dynamic Laboratory of Language, Human Sciences
- EMC – Study of Cognitive Mechanisms
- GRePS - Research Group on Social Psychology
- CRPPC - Research Centre in Clinical Psychopathology and Psychology
- LARHRA - Research Laboratory on Rhône-Alpes History,
- Max Weber Center
- FNT - Functional Neuroimaging Team

Research organisation reference

National Ministry for Health and Sports
 National Ministry for Research and Higher Education
 National Ministry for Research and Higher Education
 National Ministry for Research and Higher Education
 National Ministry for Health and Sports
 National Ministry for Research and Higher Education, and National Ministry for Health and Sports
 National Ministry for Research and Higher Education
 INSERM-CNRS- University Lyon 1, U1028
 INSERM-INRA- University Lyon 1, U864
 CNRS- University Lyon 1, UMR5229
 INSERM-CNRS- University Lyon 1-INSa
 CNRS- University Lyon 1, UMR5230
 Vinatier Hospital, University Lyon 1
 CNRS- University Lyon 1-ENS Lyon, UMR 5161
 CNRS- University Lyon 1, UMR 5534
 CNRS- University Lyon 2, UMR 5596
 University Lyon 2, EA3082
 EA 3082, University Lyon 2
 EA 653, University Lyon 2
 UMR5190, CNRS, University Lyon 3, ENS Lyon
 CNRS, ENS, University Lyon 2
 Chair of Excellence, Neurodis Foundation



A specific approach based on 4 leading concepts

« *Only a global, multidisciplinary and patient-centered approach can tackle the challenge* »

*Bridging Neurology and Psychiatry
as a prerequisite to speeding up the
development of innovative therapies*

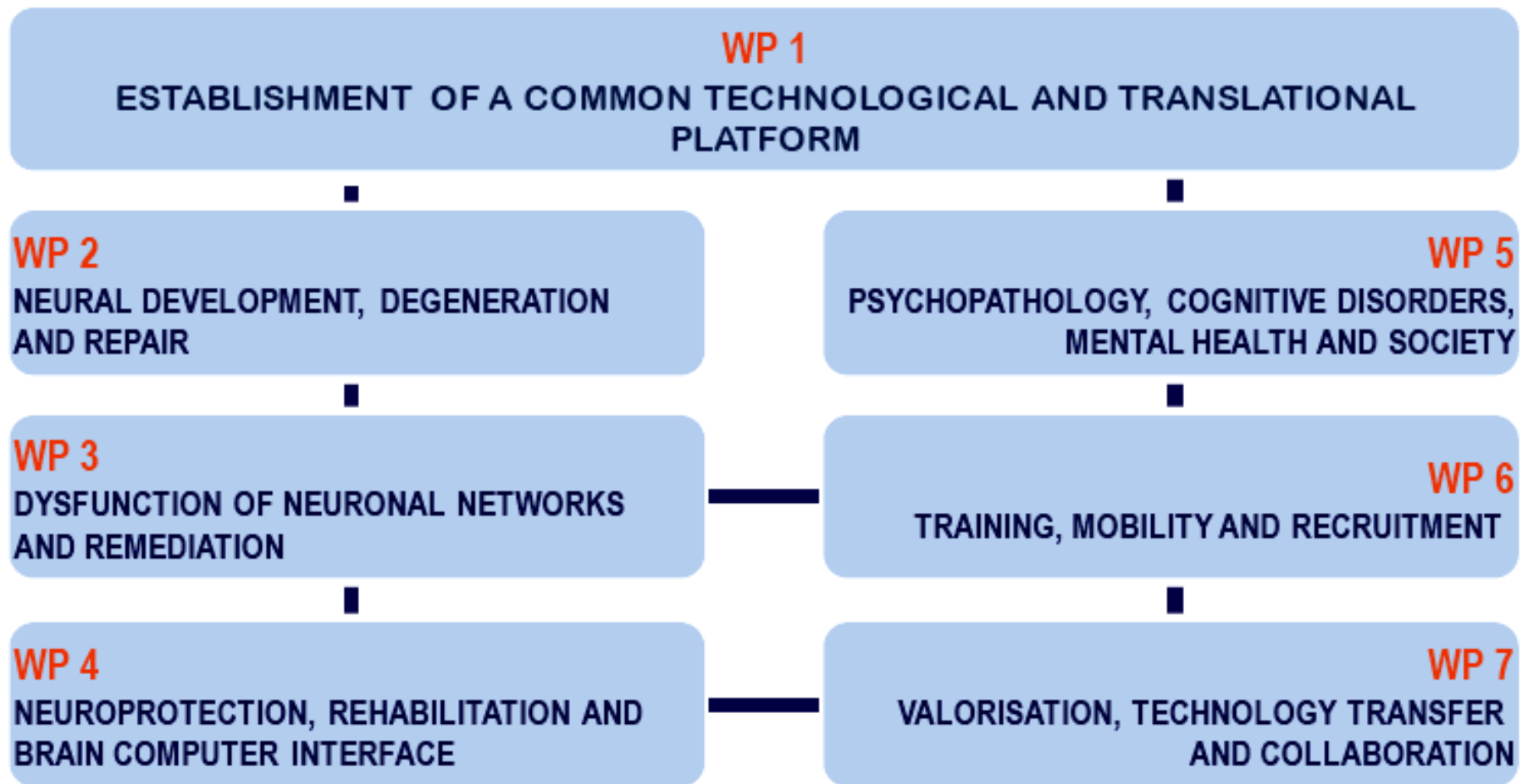
*A global and innovative
approach to brain disease:
protect, prevent, perform
(remediation)*

CESAME

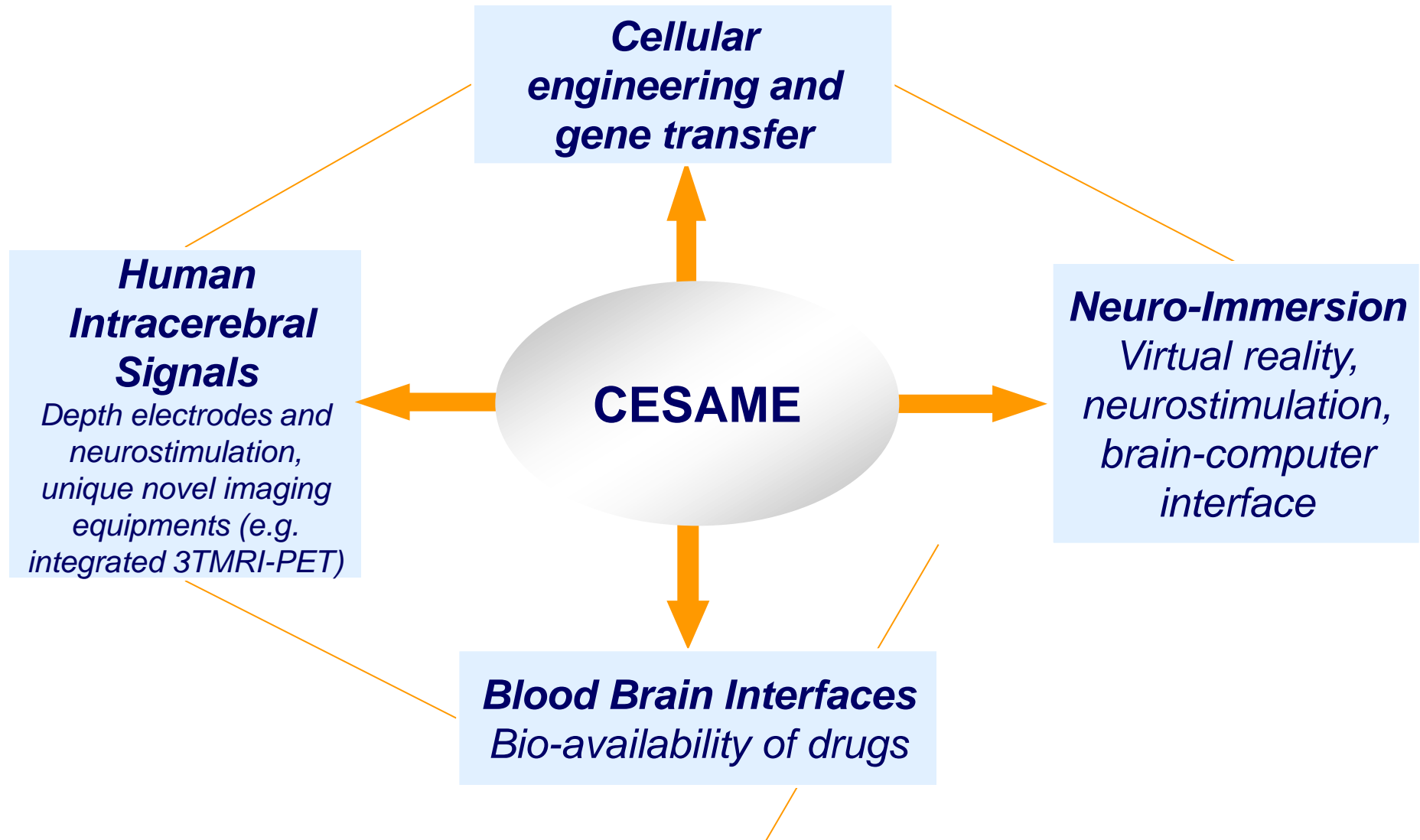
*A research strategy starting
from the patient and leading
through short or long range
upstream loops back **to the
benefit of the patient***

*Evaluation of psychological, ethical and
socio-economic **impact of innovative
therapies as a key issue***

CESAME Working Plan



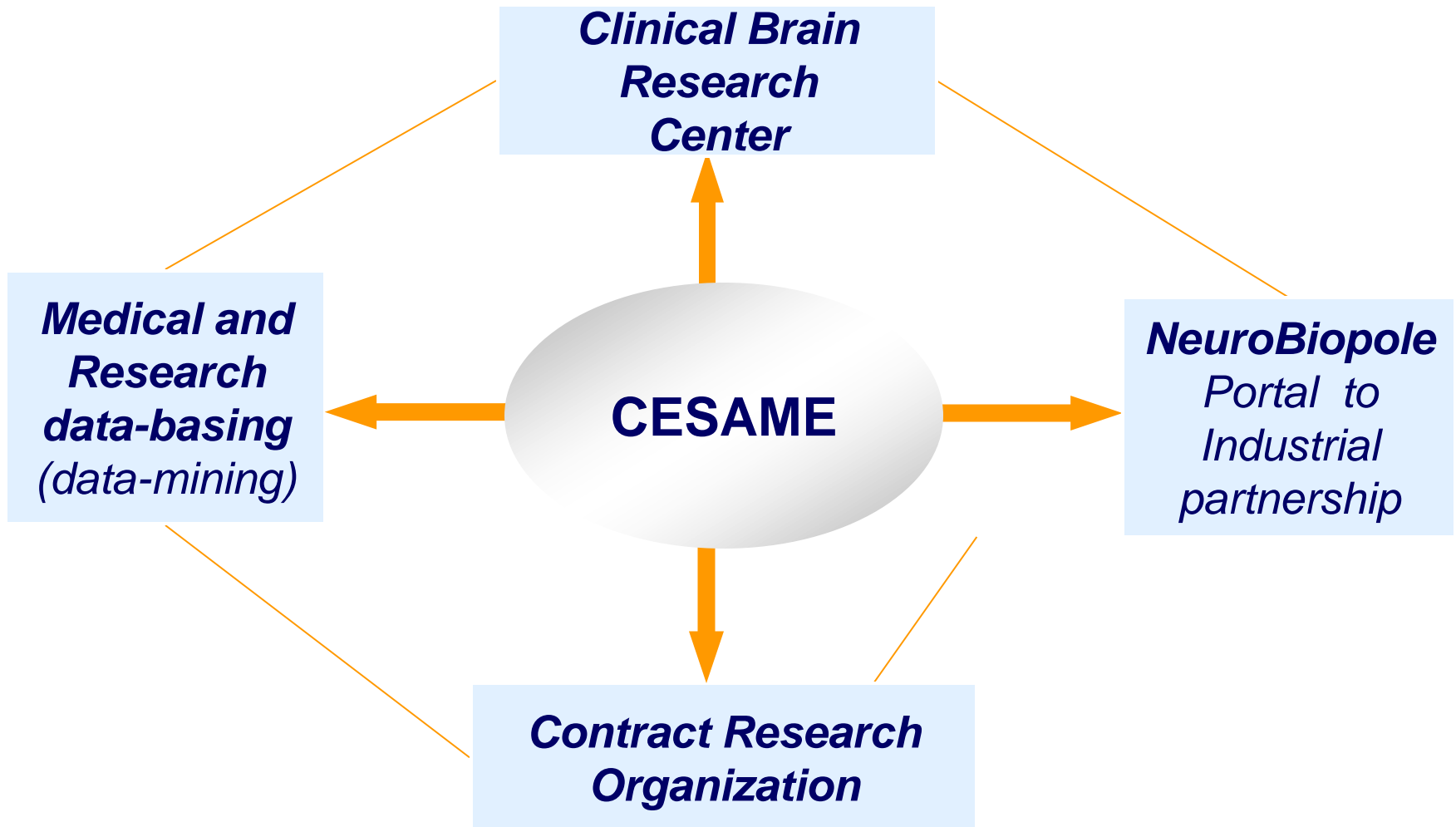
New technological platforms: CESAME will overcome scientific and clinical barriers



Common technological platform of cooperation

CESAME as a hub for cooperation

‘to facilitate partnerships between researchers, clinicians and industry’



CESAME Industrial Partners

| List of enterprises supporting CESAME | Industrial sector |
|---------------------------------------|-----------------------------|
| 1. ADOCIA | Biotech |
| 2. bioMérieux | Biotech |
| 3. Brain products | TechMed |
| 4. CAREMO - Strasbourg | Simulation, games, robotics |
| 5. Dixi: | TechMed |
| 6. Eisai | Pharma |
| 7. EyeBrain | TechMed |
| 8. Guerbet | TechMed |
| 9. Immersion | Simulation, games, robotics |
| 10. Indicia Biotechnology | Biotech |
| 11. Laboratory GlaxoSmithKline GSK | Pharma |
| 12. Medtech | TechMed |
| 13. Medtronic | TechMed |
| 14. Merck Serono | Pharma |
| 15. Neuracel | TechMed |
| 16. Neurelec | TechMed |
| 17. Novartis Pharma S.A.S | Pharma |
| 18. Novocure | Biotech |
| 19. Physip SA | TechMed |
| 20. Robopolis | Simulation, games, robotics |
| 21. Roche-Genentech | Pharma |
| 22. Rogue | Simulation, games, robotics |
| 23. SBT Scientific Brain Training | IngCogn |
| 24. Servier | Pharma |
| 25. Siemens Healthcare* | TechMed |
| 26. St. Jude Medical Corporation BVBA | Pharma |
| 27. UbiSoft | Simulation, games, robotics |
| 28. UCB Pharma | Pharma |
| 29. Vibrant Medel | TechMed |

* Siemens proposes to contribute to the project up to 2 Million Euros