

“APPLIED BIOTECHNOLOGY IN DIAGNOSIS AND MOLECULAR THERAPY”

(CCD-BIODIATECH),

Beneficiary: SC PROPLANTA SRL Cluj-Napoca, Str. Trifoiului, 12G, Cluj-Napoca, Romania

Operation 2.3.2 „Development of R&D infrastructure in enterprises and creation of new R&D jobs”

Region Nord-West

Financial Contract nr: 304/10.05.2011

Code SMIS: 27632

Contract period: 10 May 2011- 9 August 2012

Project total value: 5,337,581 lei

Non-reimbursable financial assistance : 3,175,340 lei.

The main objective of the project CCD-BIODIATECH was the development of an adequate infrastructure for Research & Technological Development (RTD) in Applied Biotechnology specific to Biomedicine.

The project activities were the followings:

- 1. Acquisition of a new infrastructure, adequate for the RTD activities which were planned, including 5 RTD laboratories in applied biotechnology**
- 2. Acquisition of high resolution equipments for research**
 - High performance Liquid Chromatograph coupled with triple quadrupol Mass Spectrometer/ QTOF MS (E1)
 - High resolution echograph for small animals, adapted to contrast analysis (E2)
 - Instalation of microencapsulation (E3).
- 3. Acquisition of IT equipments and software licences**

The CCD-BIODIATECH Centre became functional since August 2012 in the new infrastructure which was aquired by the projects funds, adapted with compartments dedicated for specific activities, in 5 RTD specialised laboratories :

- ✓ **3 new laboratories** provided with RTD and IT equipments mentioned above: Laboratory for Microencapsulation (1), Laboratory of Metabolomics (2) and Laboratory of Experimental Imaging (3)
- ✓ **2 modernized laboratories in the new infrastructure:** Analytical Biochemistry (4) and Toxicology (5)



The final panel at the CCD-BIODIATECH entrance, with details about the project



The new infrastructure aquired by this project for the CCD BIODIATECH Centre



Laboratory of Metabolomics



Installation for microcapsules (E3) in the Laboratory of Microencapsulation



High performance Liquid Chromatograph coupled with triple quadrupol Mass Spectrometer /QTOF MS (E1) in the Laboratory of Metabolomics



High resolution echograph for small animals, adapted to contrast analysis (E2) in Laboratory of Experimental Imaging