

RO – national network for BM1309 COST Action

Technical Univ. of Cluj-Napoca – www.utcluj.ro



UNIVERSITATEA TEHNICĂ
DIN CLUJ-NAPOCA

- *magnetic stimulation*
- *electric measurements*
- *bio-electromagnetic compatibility*

University of Medicine and Pharmacy
“Gr. T. Popa” of Iasi - www.umfiasi.ro



- *detection and measurement of magnetic fields*
- *bio-electromagnetic compatibility for medical environment*
- *microwaves radiometry for early cancer detection*
- *magneto-cardiography*

University of Medicine and Pharmacy
“Carol Davila” of Bucharest
www.umfcaroldavila.ro



- *lab technologies for biophysical assessments*
- *cellular mechanisms for EMFs interaction with tissues*

National Institute of R&D for
Microtechnology of Bucharest - www.imt.ro



- *cancer treatment and diagnosis using low-level EMFs*
- *magnetic hyperthermia treatment of melanoma tumors*
- *lab-on-chip design and fabrication for detection of various cellular conditions*

University POLITEHNICA of Bucharest – www.upb.ro



- *computational dosimetry for MW hyperthermia*
- *electrical impedance assessment – measurements and numerical simulation*
- *magnetic drug targeting – numerical simulation*
- *electrical stimulation of the cortex – design and monitoring of the device*

