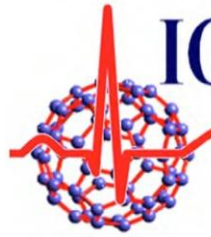


ICNBME 2015

On 23 to 25 September 2015, TUM and Biomedical Engineering Society in Moldova, in partnership with AŞM and USMF „N. Testemiţanu” organized International Conference „Nanotechnologies and Biomedical Engineering” – ICNBME-2015. Convened every two years, ICNBME reached its third edition. Through wide international participation it has established itself as an important regional multidisciplinary scientific forum, becoming a nice tradition in nanotechnology and biomedical engineering. TUM's rector, acad. Ion BOSTAN, transmitted cordial greetings to conference participants from the teaching staff, students and for TUM management team. In the XXI century, nanotechnologies have become a spectacular development with application in various fields, including medicine. The large number of students in the room, shows that the conference had a positive impact on the training of specialists in the fields of nanomaterials, nanotechnology, biomedical engineering, which in conditions of globalization, will allow the graduates to compete on the international labor market and universities in Moldova - to compete with the West universities. Student years at TUM are an unique opportunity for classification of students in research in the subjects appearing on the conference agenda through projects developed in faculties to

join the labyrinths of science and this opportunity should not be missed, concluded rector. Chairman of the Program of ICNBME-2015 acad. Ion TIGHINEANU, senior Vice President of ASM, mentioned that the event aims to boost the exchange of information and initiation of new research projects in nanotechnology and biomedical engineering. The conference will be attended by over 200 physicists, chemists, electronics, doctors, biomedical engineering specialists from 24

countries of the world, at the opening being present scientists from Germany, France, Italy, Belgium, Finland, USA, Japan, Greece, Lithuania, Poland, Turkey, Romania, Russia, Belarus, Armenia, Georgia, Ukraine, Moldova and so on. Welcome address delivered at the opening of the forum by m. cor. Vladimir HOTINEANU, chairman of the Parliamentary Committee for Culture, education, research, youth, sports and media, Gheorghe ŢURCANU, vice minister of Health, m. cor. Stanislav GROPPA, vice president of



ICNBME - 2015

3rd INTERNATIONAL CONFERENCE
on Nanotechnologies and
Biomedical Engineering

ASM, acad. Valeriu CANŢER, president of CNAA, Dr., prof. univ. Victor ŞONTEA, head of the Department of microelectronics and biomedical engineering, he reiterated the importance ICNBME-2015: if 20 years ago in the successful treatment of human disease 50 percent was for the medical professionals, and 50 percent depended on drugs, currently

reports and 58 posters of researchers, mostly from our country. It's undeniable proof that the scientific potential of the Republic of Moldova is ready to make serious investigation and engage in solving many problems, on which the international scientific community works. Within ICNBME-2015 held Moldovan-German Symposium “Science and Society - the use of light”;



responsibility report has changed obviously: 25 percent belongs to doctors, other 25 percent – medicines, and the other 50 percent - innovative medical devices and technologies. In three plenary sessions and sections of "Nanotechnologies and Nanomaterials", "Bio-Nanotechnology and biomaterials", "Biosensors and medical instruments", "Biomedical signals and image processing ", "Clinical engineering, medical information about cells and tissues" participants examined 130

two symposia on nuclear safety and training on biomedical engineering; The general meeting of the consortium of 18 universities from 12 states, within the project "TEMPUS BME-ENA" and courses in Autumn Moldovan-Japanese School of nanotechnology and biomedical engineering.