

### Research teams *SMARTPACK*

#### CO - Technical University of Cluj Napoca, North University Center of Baia Mare

No	First Name Last Name	Statute	Age	Research Domains
1	Anca Peter – <i>consortium coordinator</i>	Lecturer Dr.	32	- Sol-gel synthesis of undoped TiO <sub>2</sub> and TiO <sub>2</sub> -SiO <sub>2</sub> aerogels - Heterogeneous catalysis and photocatalysis with environmental applications - Physical-chemical investigations of food and environment components. - Experience in metals concentrations measurements with Atomic Adsorption Spectrophotometer AAS 800, in FTIR analyses, in determination of Total and Inorganic Carbon.
2	Anca Mihaly-Cozmuta	Prof. Dr.	43	- Physical-chemical investigations of food and environment components. - Experience in metals concentrations measurements with Atomic Adsorption Spectrophotometer AAS 800, in FTIR analyses, in determination of Total and Inorganic Carbon.
3	Leonard Mihaly-Cozmuta	Associate Prof. Dr.	41	- Physical-chemical investigations of Food and environment components. Investigation of zeolites physical-chemical properties. - Experience in metals concentrations measurements with Atomic Adsorption Spectrophotometer AAS 800, in FTIR analyses, in determination of Total and Inorganic Carbon.
4	Camelia Nicula	Associate Prof. Dr.	43	- Physical-chemical investigations of Food and environment components. Investigation of zeolites physical-chemical properties. Studies of vegetal activity in polluted soils. Experience in enzymatic activity of soil and plants - Experience in metals concentrations measurements with Atomic Adsorption Spectrophotometer AAS 800, in FTIR analyses, in determination of Total and Inorganic Carbon.
5	Liviu Giurgiulescu	Lecturer Dr.	40	- Physical-chemical, sensorial investigations on food, especially on dairy products and wines; Food Engineering
6	Anca Dumuta	PhD student	28	- Physical-chemical, sensorial and microbiological investigations of dairy products
7	Laura Bretan	PhD student	26	- Physical-chemical, sensorial and microbiological investigations on honey and derivatives products
8	Denisa Bregnya	Student	20	- Physical-chemical and sensorial investigations of various types of cheese packed in bags containing crystallized TiO <sub>2</sub>
9	Calin Cadar	Master Student	23	- Physical-chemical investigations of Food and environment components

10	Liana Campan	Master Student	23	- Physical-chemical investigations of Food and environment components
11	Diana Balanean	Student	20	- Physical-chemical investigations of Food
12	Marcel Nicula	Economist	53	- Financial consultant
13	Rodica Diana Apan	PhD Advocate	45	- Legal adviser
14	Stefan Oniga	Eng.	45	- IT expertise, web-pages designer
15	George Ovidiu Pop	Economist	40	- expertise in economy
16	Nadia Barkoczi	economist	36	

### P1 - Babes-Bolyai University of Cluj Napoca

No	First Name Last Name	Statute	Age	Research Domains
1	Virginia Danciu – <i>coordinator of P1 partner</i>	Senior researcher gr.II Dr.	61	- Sol-gel synthesis of doped /undoped oxide semiconductors (TiO <sub>2</sub> , ZrO <sub>2</sub> , RuO <sub>2</sub> ), silica and carbon aerogels - Heterogeneous catalysis and photocatalysis with environmental applications - Semiconducting thin layers - Organic electro-synthesis
2	Baia Lucian	Assistant Professor Dr.	39	- Morpho-structural studies and theoretical approaches performed on undoped and transition metal oxides doped TiO <sub>2</sub> aerogels - Structural analyses of some undoped and transition metal oxides doped glasses and glass-ceramics with special physicalal properties - Spectroscopic methods (Ramanand, UV-Vis and IR spectroscopy), X ray diffraction (XRD) applied to advanced materials study
3	Baia Monica	Assistant Professor, Dr.	36	- Morpho-structural studies and theoretical approaches performed on undoped and transition metal oxides doped TiO <sub>2</sub> aerogels - Structural analyses of some undoped and transition metal oxides doped glasses and glass-ceramics with special physicalal properties - Spectroscopic methods (Raman and, UV-Vis and IR spectroscopy), X ray diffraction (XRD) applied to advanced materials study
4	Cosoveanu Veronica	Senior researcher gr.III Dr.	58	- Environmental photocatalysis -Preparation of titania aerogel based photocatalysts -Metallic coatings -Organic electrosynthesis
5	Fort (Ladiu)Carmen Ioana	Senior researcher gr.III Dr.	34	- Synthesis and morpho-structural characterization of undoped, metal (Fe, Co, Ni, Cu, Au, Ag, Pt and Pd) doped or non-metal (N, F) doped aerogels (carbon, silica, titania, ), - Electrochemical and catalyst applications of the obtained aerogels
6	Cotet Cosmin	Senior	34	- Synthesis and morpho-structural

		researcher gr.III Dr.		characterization of undoped and metal (Fe, Co, Ni, Cu and Pd) doped polymeric, carbon and silica aerogels -Testing of aerogels in electrochemical and catalyst applications
7	Pap Zsolt	Researcher Assistant, Drd.	28	- Environmental photocatalysis - Photocatalysis engineering - Doped and undoped TiO <sub>2</sub> photocatalysts for advanced water treatment
8	Kovacs Gabor	Dr.	27	- Synthesis of metal doped composites based on titania
9	Lazar (Vulpoi) Adriana	CS III Dr.	30	- Morpho-structural characterization of metal doped composites based on titania

### P2 – ICA Research and Development, Romania

	First Name Last Name	Statute	Age	Research Domains
1	Alexandru Ciric <i>- coordinator of P2 partner</i>	Senior Researcher III, PhD	32	Food Engineering, Technologies and Biotechnologies, Bioencapsulation technologies, Biotechnologies, Food Safety, Nutrition, Food Expertise, Food Microbiology, Project Management
2	Mihaela Begea	Senior Researcher I, PhD	43	Food Engineering, Technologies and Biotechnologies, HACCP, Food Safety, Bio fuels and Regenerable Energetic Resources, Environment Protection, Quality Assurance, Evaluation of national and international projects, Expertise, Audit certification in the field of quality management systems, Project Management
3	Teodora Casulschi	Senior Researcher II, PhD	43	Food Engineering, Technologies and Biotechnologies, HACCP, Food Safety, Certification in the field of quality management systems, Laboratory activity.
4	Claudia Kiss	Senior Researcher III, PhD	44	Food Analyses using Gas-Chromatography, High performance Liquid Chromatography, UV-VIS methods, organic synthesis
5	Liliana Balint	Senior Researcher III, chem	54	Food and Non-Food Analyses by atomic absorption, quality assurance in laboratory.
6	Daniela Musca	Master license, eng.	27	Food technologies, Biochemistry, ELISA analysis
7	Daniela Sabina Elena Vatuiu	Junior Researcher, master license	43	Food Safety, Biology, Microbiology, Economy
8	Mihaela Meirosu	Junior Researcher, PhD student	32	Food Safety, Microbiology, genetics.
9	Mariana Matei	Junior	34	Physical-chemical analyses in food,

		Researcher, PhD student		pharmaceutical and glass industries
10	Viorel Archip	Economist	34	Expertise in economy

### P3 – Warsaw University of Technology

No	Name	Statute	Age	Research Domains
1	Wanda Ziemkowska– <i>coordinator of P4 partner</i>	Associate Prof.	58	Fabrication of TiO <sub>2</sub> and TiO <sub>2</sub> - composites containing Fe, Pt, Pd, Ru, Rh, Au, Ag nanoparticles, optimization of chemical composition of developed nanoparticles for acquiring maximum efficiency.
2	Antoni Ryszard Kunicki	Prof. Dr.	67	
3	Eliza Jaśkowska	PhD student	25	
4	Joanna Jureczko,	student	26	
5	Andrzej Roman Olszyna	Prof. Dr.	57	Expertise in characterisation of nanoparticles morphology, physicalal properties and dopant structural characterisation.
6	Aleksandra Sokołowska	Prof. Dr.	84	
7	Marek Kostecki	Assist. Prof.	32	
8	Agnieszka Jastrzębska	PhD student	27	
9	Patrycja Czarnecka	PhD student	26	
10	Aneta Zawada	PhD student	30	
11	Jarosław Woźniak	PhD student	26	
12	Kamil Broniszewski	PhD student	25	
13	Tomasz Cygan	student	26	
14	Ewa Karwowska	Associate Prof.	43	
15	Monika Załęska- Radziwiłł	Associate Prof.	56	
16	Ewa Miałkiewicz- Pęska	Assist. Prof.	44	
17	Paulina Mosdorf	PhD student	25	
18	Ryszard Piramidowicz	Assist. Prof.	41	Expertise in characterisation of developed nanoparticles by means of highly resolved optical spectroscopy.
19	Krzysztof Anders	PhD student	28	
20	Anna Jusza	PhD student	27	
21	Janusz Fidelus	Dr.	40	
22	Michał Dudek	student	24	
23	Elżbieta Anuszevska	Prof. Dr.		Expertise in characterisation of nanoparticles cytotoxicity
24	Mirosława Koronkiewicz	Assist. Prof.		
25	Edyta Radziun	PhD student		
26	Magdalena Rosłon	PhD student		
27	Iza Książek	PhD student		
28	Karolina Nowak	PhD student		

**P4 –S.C. L&G Consulting SRL, Romania**

No	Name	Statute	Age
1	Grigore Craciun- <i>coordinator of P3</i>	Dr.Eng. – general manager	50
2	Gheorghe Dutuc	Eng. – technical manager	43
3	Botar Alexandru	Dr. Eng. CS I	70
4	Falup Anca	Chemist - Head Office Quality Control	42
5	Angela Vlasin	Engineer - Head of Environmental Quality	48
6	Bodea Cipriana	Financial Manager	32
7	Cristina Maria Moldovan	Assistant General Manager	40
8	Lucian Herineanu	economist	45