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UNIVERSITAS GALATIENSIS

UNIVERSITATEA „DUNĂREA DE JOS”
DIN GALAŢI

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PROIECTE DE CERCETARE ȘI COOPERARE INTERNAŢIONALĂ

(Actualizat la data de: 18.02.2022)

Program	International programme of Joint Institute for Nuclear Research (JINR) Dubna

Perioada de implementare	Contract – Titlu proiect	Consorţiu	Coordonator Facultatea	Valoarea contractului (USD)
2021	RESEARCH PROJECT 2021 JINR-Romania no. 77, Neutron activation analysis and related analytical techniques for the assessment of toxic elements and health risk in sediments and fish from Danube River and Black Sea, JINR Theme no. 03-4-1128-2017/2022, Investigations in the Field of Nuclear Physics with Neutrons	- “Dunărea de Jos” University of Galati, **Romania** - Valahia University of Targoviste, **Romania** - Joint Institute for Nuclear Research, Dubna, **Russian Federation**, Frank Laboratory of Neutron Physics	**Antoaneta ENE** Facultatea de Științe și Mediu	**6300 USD**
2021	RESEARCH PROJECT 2021 JINR-Romania no. 76, Air pollution assessment by neutron activation analysis and re-lated atomic methods using biological indicators, JINR Theme no. 03-4-1128-2017/2022, Investigations in the Field of Nuclear Physics with Neutrons,	- Valahia University of Targoviste, **Romania** - “Dunărea de Jos” University of Galati, **Romania** - Joint Institute for Nuclear Research, Dubna, **Russian Federation**, Frank Laboratory of Neutron Physics	**Antoaneta ENE** Facultatea de Științe și Mediu	**6300 USD**
2021	RESEARCH GRANT JINR-Romania no. 30/2021, Development of laboratory infrastructure for applications of nu-clear and related techniques for the assessment of toxic elements and health risk in sediment and fish from Danube and Black Sea, Theme no. 03-4-1128-2017/2022	- “Dunărea de Jos” University of Galati, **Romania** - Valahia University of Targoviste, **Romania** - Joint Institute for Nuclear Research, Dubna, **Russian Federation**, Frank Laboratory of Neutron Physics	**Antoaneta ENE** Facultatea de Științe și Mediu	**5000 USD**

2021	RESEARCH GRANT JINR-Romania no. 31/2021, Infrastructure development for air and soil quality biomonitors analysis, JINR Theme no. 03-4-1128-2017/2022, Investigations in the Field of Nuclear Physics with Neutrons	- Valahia University of Targoviste, **Romania** - "Dunărea de Jos" University of Galati, **Romania** - Joint Institute for Nuclear Research, Dubna, **Russian Federation**, Frank Laboratory of Neutron Physics	**Antoaneta ENE** Facultatea de Științe și Mediu	**5000 USD**
2020	RESEARCH PROJECT 2020 JINR-Romania no. 71, Neutron activation analysis and related analytical techniques for the assessment of sediment quality in the Danube River and its deltaic areas, JINR Theme no. 03-4-1128-2017/2022, Investigations in the Field of Nuclear Physics with Neutrons	- "Dunărea de Jos" University of Galati, **Romania** - Valahia University of Targoviste, **Romania** - Joint Institute for Nuclear Research, Dubna, **Russian Federation**, Frank Laboratory of Neutron Physics	**Antoaneta ENE** Facultatea de Științe și Mediu	**8000 USD**
2020	RESEARCH PROJECT 2020 JINR-Romania no. 68, Air pollution assessment by neutron activation analysis and related atomic methods using biological indicators, JINR Theme no. 03-4-1128-2017/2022, Investigations in the Field of Nuclear Physics with Neutrons	- Valahia University of Targoviste, **Romania** - "Dunărea de Jos" University of Galati, **Romania** - Joint Institute for Nuclear Research, Dubna, **Russian Federation**, Frank Laboratory of Neutron Physics	**Antoaneta ENE** Facultatea de Științe și Mediu	**9000 USD**
2020	RESEARCH GRANT JINR-Romania no. 32/2020, Development of laboratory infrastructure for applications of nuclear and related techniques for the assessment of soil and sediment quality (metals, radionuclides, microplastics) in Danube and Black Sea region, Theme no. 03-4-1128-2017/2022.	- "Dunărea de Jos" University of Galati, **Romania** - Valahia University of Targoviste, **Romania** - Joint Institute for Nuclear Research, Dubna, **Russian Federation**, Frank Laboratory of Neutron Physics	**Antoaneta ENE** Facultatea de Științe și Mediu	**6000 USD**
2019	**RESEARCH PROJECT 2019 JINR-Romania no. 63** – Assessment of industrial impact on agroecosystems and human health risk in Romania using nuclear and related analytical techniques,	- "Dunărea de Jos" University of Galati, **Romania** - Valahia University of Targoviste, **Romania** - Joint Institute for Nuclear Research, Dubna, **Russian Federation**, Frank Laboratory of Neutron Physics	**Antoaneta ENE** Facultatea de Științe și Mediu	**8.000 USD** **(3.700 USD – RO** **4.300 USD – JINR)**

	JINR Theme no. 03-4-1128-2017/2019, Investigations in the Field of Nuclear Physics with Neutrons			
2019	**RESEARCH PROJECT 2019 JINR-Romania no. 64** – Assessment of air and soil quality using biomonitoring, neutron activation analysis and related analytical techniques, JINR Theme no. 03-4-1128-2017/2019, Investigations in the Field of Nuclear Physics with Neutrons	- Valahia University of Targoviste, **Romania** - "Dunărea de Jos" University of Galati, **Romania** - Joint Institute for Nuclear Research, Dubna, **Russian Federation**, Frank Laboratory of Neutron Physics	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**10.000 USD** **(4.600 USD – RO** **5.400 USD – JINR)**
2019	**RESEARCH GRANT JINR-Romania no. 26/2019** - Development of laboratory infrastructure for applications of nuclear and related techniques on the characterization of agricultural soils and transfer of potentially toxic elements in plants, Theme no. 03-4-1128-2017/2019	- "Dunărea de Jos" University of Galati, **Romania** - Valahia University of Targoviste, **Romania** - Joint Institute for Nuclear Research, Dubna, **Russian Federation**, Frank Laboratory of Neutron Physics	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**6.000 USD**
2018	**21** – Development of laboratory infrastructure for applications of nuclear and magnetic techniques on characterization of agricultural soils and content of potentially toxic elements. (Topic no. 03-4-1128-2017/2019) / Ordin IUCN 321/21.05.2018	- "Dunărea de Jos" University of Galati, **Romania** - Valahia University of Targoviste, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**11.500 USD**
2018	**126** – Assesment of air and soil quality in Romania studied by NAA and related analytical techniques. (Topic no. 03-4-1128-2017/2019) / Ordin IUCN 322/21.05.2018	- Valahia University of targoviste, **Romania** - "Dunărea de Jos" University of Galati, **Romania** *Subcontract 112	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**500 USD**
2018	**105** – Assesment of industrial impact on agroecosystems and human health risk in Romania using nuclear and related analytical techniques (topic no. 03-4-1128-2017/2019) / Ordin IUCN 322/21.05.2018	- "Dunărea de Jos" University of Galati, **Romania** - Valahia University of Targoviste, **Romania** *Subcontract 111	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**1.400 USD**

2017	**81** – Applied research on air and soil pollution with toxic elements using nuclear and related analytical techniques.	- Valahia University of Targoviste, **Romania** - "Dunărea de Jos" University of Galati, **Romania** - Horia Hulubei National Institute of Physics and Nuclear Engineering (IFIN-HH) Bucharest, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**1.750 USD**
2017	**80** – Investigation of advanced functional materials using atomic and nuclear analytical techniques and imaging microscopy.	- "Dunărea de Jos" University of Galati, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**1.900 USD**
2016	**104** – Investigation of crystalline materials (diamonds and boron nitrides) using atomic and nuclear analytical techniques and imaging microscopy.	- "Dunarea de Jos" University of Galati, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**3.000 USD**
2016	**24** – Development of infrastructure of spectroscopy and microscopy laboratories used for the characterization of environmental and crystalline materials.	- "Dunarea de Jos" University of Galati, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**7.500 USD**
2015	**87** – Nuclear and related analytical techniques applied for air pollution and vegetation with heavy metals, nitrogen, and radionuclides	- Valahia University of Targoviste, **Romania** - "Dunărea de Jos" University of Galati, **Romania** - "Alexandru Ioan Cuza" University of Iasi, **Romania** - University of Baia Mare, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**6.000 USD**
2015	**84** – Investigation of crystalline materials (diamonds, boron and lithium nitrides) using atomic and nuclear analytical techniques and imaging microscopy.	- "Dunarea de Jos" University of Galati, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**4.000 USD**
2014	**78** – Characterization of crystalline diamonds, boron and lithium nitrides using nuclear and related analytical techniques and imaging microscopy.	- "Dunarea de Jos" University of Galati, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**5.000 USD**
2013	**72** – Nuclear and related analytical techniques for the environmental and life sciences,	- Valahia University of Targoviste, **Romania** - "Dunărea de Jos" University of Galati, **Romania** - "Alexandru Ioan Cuza" University of Iasi, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**6.000 USD**
2013	**61** – Nitrides characteristics in B-N AND Li-N systems studied by nuclear and	- "Dunarea de Jos" University of Galati, **Romania**	**Antoaneta ENE**	**6.000 USD**

	related analytical and imaging techniques.		Facultatea de Ştiinţe şi Mediu	
2012	**66 -** Nuclear and related techniques for environmental and life sciences	- Valahia University of Targoviste, **Romania** - "Dunărea de Jos" University of Galati, **Romania** - "Alexandru Ioan Cuza" University of Iasi, **Romania** - University of Baia Mare, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**10.500 USD**
2012	**51** – Crystallization processes and characteristics of cubic boron nitride studied by nuclear and related analytical and imaging techniques.	- "Dunarea de Jos" University of Galati, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**4.000 USD**
2011	**43** – Nuclear and related analytical techniques for Environmental and Life Sciences.	- Valahia University of Targoviste, **Romania** - "Dunărea de Jos" University of Galati, **Romania** - "Alexandru Ioan Cuza" University of Iasi, **Romania** - University of Baia Mare, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**4.000 USD**
2010	**22** – Nuclear and related analytical techniques for Environmental and Life Sciences.	- Valahia University of Targoviste, **Romania** - "Dunărea de Jos" University of Galati, **Romania** - "Alexandru Ioan Cuza" University of Iasi, **Romania** - University of Baia Mare, **Romania**	**Antoaneta ENE** Facultatea de Ştiinţe şi Mediu	**20.000 USD**