

**LISTA LUCRĂRILOR ȘTIINȚIFICE (selecție)**  
**Conf.univ.dr.ing.habil. Lăcrămioara Rusu**

**Articole publicate în reviste cotate ISI**

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### Brevete de invenție

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## Contracte de cercetare

### Director de proiect

1. **Obținerea de Materiale cu Valoare Adaugata prin Valorificarea Subproduselor Industriale (AddValueMat), PN-III-P2-2.1-PED-2019-1063**, Contract finanțare: **490PED / 2020**, Valoare contract: 200 000 lei, Perioada: **2020-2022**
2. Studiu privind influența factorilor poluanți de la S.C.PAL EKC S.R.L. asupra mediului, Nr. 3318 / 09.05.2005, 2005 – 2006
3. Obținerea unui îngrășământ ecologic pentru zonele montane. Grant de cercetare științifică, Beneficiar MCT, 1999.
4. Îngrășăminte lichide cu efect fungicid pentru cultura viței de vie și a pomilor fructiferi. Grant de cercetare științifică, Beneficiar MCT, 1997-1998.
5. Elaborarea tehnologiilor de recuperare a cuprului și magneziului și de obținere a stearatului de magneziu prin valorificarea catalizatorului uzat Cu-Mg-Al<sub>2</sub>O<sub>3</sub>; Contract de cercetare științifică, Beneficiar. SC Fibrex SA Săvinești, 1993-1995.



6. Tehnologie de obținere a auxiliarelor pentru industria firelor și fibrelor sintetice, a prelucrării maselor plastice și a cauciucului. Grant de cercetare științifică, Beneficiar MCT, 1993-1994.
7. Valorificarea catalizatorului uzat de la fabricarea margarinei, Grant de cercetare științifică, Beneficiar MCT, 1993.

### ***Membru în echipă***

1. Environment and wastes – Sustainable development and wastes, No. 3/376/30.07.2007, Valoare =11000 lei, 2007 – 2008.
2. Elaborarea unor tehnologii de obținere de îngrășăminte chimice, corelată cu cercetările privind procesul de degradare și tehnologiile de conservare a solurilor din Podișul Moldovei. Contract de cercetare științifică, Beneficiar Comisia teritorială inter-disciplinară pentru cercetare – dezvoltare MOLDOVA I, Iași, 1998.
3. Obținerea unor compuși pentru sertizarea semințelor cu efect nutritiv, stimulent și antidăunător. Grant de cercetare științifică, Beneficiar Ministerul Cercetării și Tehnologiei, 1996-1997,
4. Valorificarea deșeurilor menajere din marile aglomerări urbane pentru obținerea unor îngrășăminte tip compost. Grant de cercetare științifică, Beneficiar Ministerul Cercetării și Tehnologiei, 1995-1997.
5. Valorificarea carbonatului de calciu rezidual de la obținerea îngrășămintelor complexe în industria farmaceutică și cosmetică. Grant de cercetare științifică, Beneficiar Ministerul Cercetării și Tehnologiei, 1995-1996.
6. Tehnologie de obținere a extractelor din plante pentru industria alimentară și cosmetică. Grant de cercetare științifică, Beneficiar Ministerul Cercetării și Tehnologiei, 1994-1995.
7. Obținerea unui îngrășământ azotos pentru utilizare în horticultură și legumicultură. Grant de cercetare științifică, Beneficiar Ministerul Cercetării și Tehnologiei, 1994-1995.
8. Soluție tehnologică privind modificarea tehnologiei de fabricare a îngrășămintelor cu fosfor prin atac nitric în vederea eliminării deșeurilor de carbonat de calciu. Grant de cercetare științifică, Beneficiar Ministerul Cercetării și Tehnologiei, 1994-1995.
9. Valorificarea catalizatorului uzat Zn-Cr în vederea reintroducerii lui în circuitul economic. Contract de cercetare științifică. Beneficiar SC Fibrex SA Săvinești, 1993-1994.
10. Obținerea îngrășămintelor azotoase cu un conținut de maxim 2% Zn. Grant de cercetare științifică, Beneficiar Ministerul Cercetării și Tehnologiei, 1992-1993.

## **Contracte de dezvoltare care includ fonduri Europene**

### ***Manager proiect***

1. Titlu proiect: „Parteneriat pentru stagii de practică - Primul pas pentru o carieră în industria alimentară” Cod SMIS 108612, Programul Operațional Capital Uman 2014-2020, Axa prioritară 6, Obiectivul tematic 10, Prioritatea de investiții 10.iv, OS. 6.13 și 6.14, Apel nr. POCU/90/6.13/6.14– Stagii de practică elevi și studenți în sectorul agroalimentar, industrie și servicii.” ID Cod SMIS 2014+:108612, 2.  
Contract de finanțare nr: **POCU/90/6.13/6.14/108612/05.07.2018** (49063/05.07.2018), Perioada: **2018-2020**, Valoare= 621 259,51 lei

**Bacău**  
**17.01.2023**

**Conf.univ. dr.ing.habil. Lăcrămioara Rusu**