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- a) Teza de doctorat: *CERCETĂRI PRIVIND VALORIFICAREA POTENȚIALULUI AROMATIC PRIMAR ȘI SECUNDAR AL SOIURILOR AROMATE ȘI SEMIAROMATE DIN PODGORIA RECAȘ*
- b) Conducători științifici de doctorat: prof.univ.dr.ing.Ovidiu TIȚA și prof univ.dr. biolog Letiția OPREAN

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Lucrări care pun în evidență contribuția științifică (6)

– cărți (monografii, tratate) publicate în edituri din țară, recunoscute de CNCSIS;

1. Oprean L., (Coordonator), Ecaterina Lengyel și colaboratorii, *Biodinamica lacurilor de la Ocna Sibiului*, Ed. Univ. „Lucian Blaga, Sibiu, ISBN 978-973-739-569-6, pg.302, 2008
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4. Lengyel Ecaterina, *Aroma vinurilor bănățene*, Ed. Universității Lucian Blaga Sibiu, ISBN 978-606-12-0654-4, 2014 , vol 1 ISBN 978-606-12-0655-1, pg. 220, 2014
5. Lengyel Ecaterina, *Aroma vinurilor bănățene*, Ed. Universității Lucian Blaga Sibiu, ISBN 978-606-12-0654-4, 2014 , vol 2 ISBN 978-606-12-0656-8, pg. 208, 2014
6. Lengyel Ecaterina, *Cercetări privind optimizarea proceselor fermentative în vederea păstrării și consolidării tipicității și autenticității vinurilor românești*, Ed. Universității Lucian Blaga Sibiu, ISBN 978-606-12-1053-4, pg.228, 2015

Lucrări care pun în evidență activitatea de cercetare:

– proiecte de cercetare pe bază de contract/granturi internaționale; *membru (4)*

1. Proiect internațional Erasmus plus, 2016-2020, SPAAT4FOOD, coordonator conf. Dr. Ing. Monica Mironescu
2. Proiect FP7 – PEOPLE – 2012 – IRSES, Nr. 318946 „NUTRILAB”. Perioada 2013 – 2015. Director proiect: Prof. univ. Dr. ing. Tița Ovidiu, Valoare 484.500 euro.
3. Măsuri de protecție a râului Timiș, Contract 411/ 90964/30.12.2010/07, 2010-2012, Program PHARE CBC, director proiect conf.dr. Angela Bănăduc, valoare 67807 euro
4. Concept –model sanitar durabil în spații descentralizate conform exemplului satului Hosman/ România, Contract de finantare nr.4011/3.12.08, Partener : Biroul de proiectare Holzapfel, Kirchheim, Germania, 2008-2010. Director proiect conf.dr. Angela Bănăduc, valoare 27768 euro

– proiecte de cercetare pe bază de contract/granturi naționale; *membru (5)*

1. Produse și tehnologii ecologice pentru conservarea integrată a patrimoniului național arhitectural din zona Sibiu – Capitala culturală europeană 2007. Conducător proiect ICECHIM București, Contract nr. 91-01/2007, perioada 2007-2010, director proiect s.l. dr.Cecilia Georgescu, valoare 400.000 lei.
2. Food Safety Control prin dezvoltarea unui sistem integrat de modelare, simulare și conducere avansată a bioproceselor din industria alimentară. Programul CAPACITĂȚI contract nr.100CP/I /2007, 2007-2009, director proiect conf.dr. Anca Șipoș, valoare 2.000.000 lei
3. Tehnologii moderne neconvenționale, conforme cu reglementările europene, de epurare a apelor uzate și de tratare a nămolului rezidual în scopul reutilizării acestuia, program CEE, Contract nr.135/2006, 2006-2008, director proiect prof.dr. Letiția Oprean, valoare 1.000.000 lei.

4. Cercetări privind metode ecologice nontermice de dezinfecție a legumelor și fructelor depozitate și destinate pentru consum în stare proaspătă. Contract nr. 754/2005, 2005-2007, director proiect conf.dr. Victor Nedeiță, valoare 557.000 lei.
5. Studii privind reevaluarea complexă și elaborarea de soluții pentru valorificarea lacurilor de la Ocna-Sibiului ca obiectiv turistic, balneoclimateric și de agrement curativ. Proiect AGRAL, Contract nr.344/2004, 2004-2006, director proiect prof.dr. Letiția Oprean, valoare 2.200.000 lei.