ACTIVITATEA ŞTIINŢIFICĂ

Șef lucrări dr. ing. Luminița GROSU

Teza de doctorat

Doctor – Universitatea Tehnică "Gh. Asachi" Iaşi, Facultatea de Chimie Industrială, Domeniu Inginerie Chimică, cu tema – *Procese moderne de valorificare a subproduselor din industria laptelui. Evaluarea impactului tehnic şi ecologic*, diploma de doctor - ISCED 8/2011.

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82. Leonte M., Ciobanu D., Păduraru L., **Grosu Luminiţa** şi Schiopu A. - *Recherches concernant l'influence du supplement de petit lait sur les proprietes rheologiques de la pate obtenu avec farine de ble et fibres alimentaire d'orge*, Troisième Colloque Franco-Roumain de Chimie Appliquée, 22-26 septembrie 2004, Slănic Moldova, Bacău, publicată în volumul Actes du troisième Colloque FRANCO-ROUMAIN de Chimie Appliquée, Editura Alma Mater Bacău, Editura Tehnica – INFO Chişinău, p.272-275, ISBN 973-8392-36-5, ISBN 9975-63-183-5.
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84. Păduraru L., Leonte M., Ciobanu D., **Grosu Luminiţa** şi Trofin M. - *Valorisation du petit-lait dans la technologie de la pate en utilisant farine de ble et fibres alimentaires d'avoine*, Troisième Colloque Franco-Roumain de Chimie Appliquée, 22-26 septembrie 2004, Slănic Moldova, Bacău, publicată în volumul Actes du troisième Colloque FRANCO-ROUMAIN de Chimie Appliquée, Editura Alma Mater Bacău, Editura Tehnica – INFO Chişinău, p.308-311, ISBN 973-8392-36-5, ISBN 9975-63-183-5.

Participare la granturi internaţionale şi naţionale

1. Proiectul privind învățământul secundar (ROSE) schema de granturi pentru universități – SGNU, Beneficiar: Universitatea „Vasile Alecsandri" din Bacău, Facultatea De Inginerie, Titlul proiectului: „Ingineria o cariera de viitor - ING UP" - 73/SGU/NC/I, 2017 – 2021, membru.
2. Calitate si expertiza in elaborarea si implementarea metodologiei de obtinere si testare a produselor competitive prin formarea profesionala in cadrul unor noi programe de master cu impact major pe piata muncii" (2010-2013-2016), Grant de tip A. POSDRU/86/1.2/S/56711.

3. Valorisation chimique des agro-ressources. Caracterisation et isolement de molecules bioactives dans des extraits de plantes, Grant naţional ECONET 2007-2009, tip A, membru în colectivul de cercetare.
4. Valorificarea biotehnologică a potenţialului productiv la Hyppophae rhamnoides Ssp. Carpathica prin caracterizarea complexă a soiurilor, sursă de recolte ecologice pentru o agricultură durabilă, (2006-2009), Grant naţional CEEX – 109/2006, tip B, membru în colectivul de cercetare.
5. Synthese et analyse de molecules heterocycliques pour traiter le cancer et les maladies du syyteme nerveux central, (2007-2008) Grant internaţional, PAI BRÂNCUŞI 14944RB/2006, tip A, membru în colectivul de cercetare.
6. Specii bioactive procesate ca inhibitori ai agenţilor infecţioşi, Grant naţional PNCDI, CERES 4-128/2004, tip B, membru în colectivul de cercetare.
7. Program finanţat de Banca Mondială şi Guvernul României nr. 146/2000: "Modernizarea procesului de învăţământ prin implicarea studenţilor în elaborarea de noi structuri zeolitice cu proprietăţi catalitice aplicate în industria chimică, alimentară şi protecţia mediului" – membru.

Stagii de perfecţionare

1. 01 noiembrie – 18 decembrie 2001, Stagiu de iniţiere în sinteza derivaţilor indolici pe suport solid şi în tehnici de separare cromatografică, la Universitatea din Orleans-Franţa, Institutul de Chimie Organică şi Analitică, Stagiul a fost efectuat în cadrul contractului de cercetare, finanţat de Banca Mondiala şi Guvernul României.
2. 01-15 iunie 2000, Stagiu de iniţiere în tehnici moderne de sinteză multietap de nucleozide şi de manipulare a spectrometrului RMN-400 MHz, la Universitatea din Caen- Franţa, Centrul de Studii şi Cercetare a medicamentelor din Normandie, Stagiul a fost efectuat în cadrul contractului de cercetare, finanţat de Banca Mondiala şi Guvernul României.

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