

1. Activitatea didactică/profesională

1.1. Cărți și capitole în cărți de specialitate

1.1.1. Cărți/capitole ca autor

1.1.1.1. Internaționale

- Marincu Iosif, Ioana Todor, **Mihai Mareș** – “Prevalence of Intestinal Giardiasis in Institutionalised Elderly Patients” in Social Issues, Edited by Georgeta Rață and Patricia Runcan, Cambridge Scholars Publishing; Newcastle upon Tyne, UK; 2014: 185-194. ISBN: (10): 1-4438-5676-2, ISBN: (13): 978-1-4438-5676-8.
- Marincu Iosif, Ioana Todor, Olimpia Iacob, **Mihai Mareș** – “Risk Factors in Oropharyngeal Candidiasis in Institutionalised Elderly Patients” in Applied Social Sciences: Psychology, Physical Education and Social Medicine, Edited by Patricia Runcan, Georgeta Rață and Alin Gavreliuc, Cambridge Scholars Publishing; Newcastle upon Tyne, UK; 2013: 313-318. ISBN: (10): 1-4438-4524-8, ISBN: (13): 978-1-4438-4524-3.
- Socolov Demetra, Bleotu Coralia, Miron Nora, Socolov Razvan, Boiculese Lucian, **Mareș Mihai**, Șorici Natalia, Moshin Veaceslav, Botezatu Anca, Anton Gabriela – “Correlation between Chlamydia trachomatis IgG and Pelvic Adherence Syndrome” in Chlamydia, Edited by Mihai Mareș, InTech Europe; 2012: 231-244. ISBN: 978-9535-104-704.

1.1.1.2. Naționale

- **Mareș M** – “Fungi cu relevanță pentru sfera orală” în Băncescu G – Mic tratat de microbiologie a cavității orale; pag. 249-280 (32 pagini); Ed. Ars Academica; București; 2013, ISBN: 978-606-8017-84-6.
- **Mareș M**, Bazgan O – “Diagnosticul de laborator în infecțiile fungice” (124 pagini) în Buiuc D, Neguț M – Tratat de microbiologie clinică; ediția aIIIa, 2009, Ed. Medicală, ISBN 973-39-0593-6.
- **Mareș M**, Bazgan O – “Diagnosticul de laborator în infecțiile fungice” (124 pagini) în Buiuc D, Neguț M – Tratat de microbiologie clinică; ediția aIIa, 2008, Ed. Medicală, ISBN 973-39-0593-6.

1.1.2. Cărți/capitole ca editor

1.1.2.1. Internaționale

- **Mareș M** (coordonator) – Chlamydia, 2012, InTech Europe, (în lb. engleză), 358 pagini, ISBN 978-953-51-0470-4.
- **Mareș M** (coordonator) – Current Topics in Salmonella and Salmonellosis, 2017, InTech Europe, (în lb. engleză), 274 pagini, ISBN 978-953-51-3065-9.

1.2. Material didactic/Lucrări didactice

- **Manuale didactice/monografii**

- **Mareş M**, Năstasă V, Moraru R – Terapia antifungică în medicina veterinară (86 pagini), 2013, Societatea Română de Micologie Medicală şi Micotoxicologie, ISBN 978-973-0-14146-7.
 - **Mareş M**, Ailincăi Luminiţa-Iuliana - Micologie clinică veterinară-Ghid practic (ediție electronica, pe CD-ROM); 2016 - Iaşi, 128 pagini, ISBN 978-973-0-21416-1
 - Miron L, Năstasă V, **Mareş M** – Terapia antimicotică, 2008, Ed. Pim, 175 pagini; ISBN 978-606-520-154-5.
 - Coman I, **Mareş M** – Micologie medicală aplicată, 2000, 354 pagini, Ed. Junimea, ISBN 973-37-0524-1.
- 1.2.1. Îndrumătoare de laborator/aplicații (minim 1 ca prim autor)
- **Mareş M** (în colaborare) – Tehnici de laborator în micologia medicală, 2007, Ed. Pim, 250 pagini, ISBN 978-973-716-677-7.

1.3. Coordonare de programe de studii, organizare şi coordonare programe de formare continuă

- Curs Postuniversitar (Educație Medicală Continuă) “Diagnosticul de laborator al infecțiilor produse de fungi dermatofiti”, USAMV Ion Ionescu de la Brad & Societatea Română de Micologie Medicală (2016); coordonator: **Mihai Mareş**.
- Curs Postuniversitar (Educație Medicală Continuă) “Diagnosticul de laborator al infecțiilor produse de levuri”, UMF Tg. Mureş, Disciplina de Microbiologie (2014); coordonatori: Felicia Toma, **Mihai Mareş**.
- Curs Postuniversitar (Educație Medicală Continuă) “Antifungal Resistance and its Challenges in the Management of Invasive Fungal Infections” (organizat la Sibiu, sub auspiciile European Society of Clinical Microbiology and Infectious Diseases - 2013); coordonatori: **Mihai Mareş**, Andrew Ullmann.
- Curs Postuniversitar (Educație Medicală Continuă) “Inițierea terapiei etiotope în infecțiile fungice”, UMF Tg. Mureş, Disciplina de Microbiologie (2013); coordonatori: Felicia Toma, **Mihai Mareş**.
- Curs Postuniversitar (Educație Medicală Continuă) “Diagnosticul de laborator al dermatomicozelor”, UMF Tg. Mureş, Disciplina de Microbiologie (2012); coordonatori: Felicia Toma, **Mihai Mareş**.
- Curs Postuniversitar (Educație Medicală Continuă) “State-of-the-art in Emerging Fungal Infections” (organizat la Cluj-Napoca, sub auspiciile European Society of Clinical Microbiology and Infectious Diseases - 2011); coordonatori: **Mihai Mareş**, Monica Junie.
- Curs Postuniversitar (Educație Medicală Continuă) “Tehnici de bază în micologia clinică”, UMF Tg. Mureş, Disciplina de Microbiologie (2011); coordonatori: Felicia Toma, **Mihai Mareş**.

- Curs Postuniversitar (Educație Medicală Continuă) "Inițierea terapiei etiotope în infecțiile fungice", USAMV Iasi & Societatea Română de Micologie Medicală (2016); coordonator: **Mihai Mareș**.
- Curs Postuniversitar (Educație Medicală Continuă) "Diagnosticul de laborator al infecțiilor produse de fungi dermatofiti", UMF Tg. Mureș, Disciplina de Microbiologie (2017); coordonatori: Felicia Toma, **Mihai Mareș**, Adrian Man.

2. Activitatea de cercetare

2.1. Articole în reviste cotate ISI Thomson Reuters

- Luminita Marin, Iuliana Stoica, **Mihai Mareș**, Valentina Dinu, Bogdan C. Simionescu, Mihail Barboiu - Antifungal vanillin-imino-chitosan biodynamic films. *Journal of Materials Chemistry B* 2013, impact factor: 6,626.
- Anna Kolečka, Kantarawee Khayhan, Marizeth Groenewald, Bart Theelen, Michael Arabatzis, Aristeia Velegraki, Markus Kostrzewa, **Mihai Mareș**, Saad J. Taj-Aldeen, Teun Boekhout - Identification of Medically Relevant Species of Arthroconidial Yeasts by Use of Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. *Journal of Clinical Microbiology* 2013, 51(8): 2491-2500, impact factor: 4,232.
- Daniela Ailincăi, Luminița Marin, Simona Morariu, **Mihai Mareș**, Andra-Cristina Bostănar, Mariana Pinteală, Bogdan C. Simionescu, Mihai Bărboiu - Dual crosslinked iminoboronate-chitosan hydrogels with strong antifungal activity against Candida planktonic yeasts and biofilms. *Carbohydrate Polymers* 2016, 152: 306-316, impact factor: 4,219.
- Luminita Marin, Daniela Ailincăi, **Mihai Mareș**, Elena Paslaru, Mariana Cristea, Valentin Nica, Bogdan C. Simionescu - Imino-chitosan biopolymeric films. Obtaining, self-assembling, surface and antimicrobial properties. *Carbohydrate Polymers* 2015, 117: 762-770, impact factor: 4,074.
- Narcisa Marangoci, Stelian S. Maier, Rodinel Ardeleanu, Adina Arvinte, Adrian Fifer, Anca Roxana Petrovici, Alina Nicolescu, Valentin Nastasa, **Mihai Mareș**, Sorin A. Pasca, Ramona F. Moraru, Mariana Pinteala, Anca Chiriac - Low Toxicity β -Cyclodextrin-Caged 4,4'-Bipyridinium-bis(siloxane): Synthesis and Evaluation. *Chemical Research in Toxicology* 2014, 27: 546-557, impact factor: 3,529.
- B. Minea, N. Marangoci, D. Peptanariu, I. Rosca, V. Nastasa, A. Corciova, C. Varganici, A. Nicolescu, A. Fifer, A. Neamtu, **M. Mareș**, M. Barboiu and M. Pinteala - Inclusion complexes of propiconazole nitrate with substituted β -cyclodextrins. Synthesis, in silico and in vitro assessment of antifungal properties. *New Journal of Chemistry* 2016, DOI: 10.1039/C5NJ01811K, 40: 1765-1776, impact factor: 3,086.

- Carmen Racles, **Mihai Mares**, Liviu Sacarescu - A polysiloxane surfactant dissolves a poorly soluble drug (nystatin) in water. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 2014, 443: 233-239, impact factor: 2,752.
- B. Minea, V. Nastasa, R. F. Moraru, A. Kolecka, M. M. Flonta, I. Marincu, A. Man, F. Toma, M. Lupse, B. Doroftei, N. Marangoci, M. Pinteala, T. Boekhout, **M. Mares** - Species distribution and susceptibility profile to fluconazole, voriconazole and MXP-4509 of 551 clinical yeast isolates from a Romanian multi-centre study. *European Journal of Clinical Microbiology and Infectious Diseases* 2015, 34: 367-383, impact factor: 2,668.
- Gh. Roman, V. Nastasa, A-C. Bostănar, **Mihai Mares** - Antibacterial activity of Mannich bases derived from 2-naphtols, aromatic aldehydes and secondary aliphatic amines. *Bioorganic & Medicinal Chemistry Letters* 2016, 26: 2498-2502, impact factor: 2,42.
- Moraru R, Pourcher A-M, Jadas-Hecart A, Kempf I, Ziebal C, Kervarrec M, Comunal P-Y, **Mares M**, Dabert P. Changes in concentrations of fluoroquinolones and of ciprofloxacin-resistant *Enterobacteriaceae* in chicken feces and manure stored in a heap. *Journal of Environmental Quality* 2012, 41: 754-763, impact factor: 2,353.
- Oana Maria Dragostin, Florentina Lupascu, Cornelia Vasile, **Mihai Mares**, Valentin Nastasa, Ramona Florina Moraru, Dragos Pieptu, Lenuta Profire - Synthesis and Biological Evaluation of New 2-Azetidinones with Sulfonamide Structures. *Molecules* 2013, 18: 4140-4157, impact factor: 2,095.
- Simionescu B, Bordianu I E, Aflori M, Doroftei F, **Mares M**, Patras X, Nicolescu A, Olaru M Hierarchically structured polymer blends based on silsesquioxane hybrid nanocomposites with quaternary ammonium units for antimicrobial coatings. *Materials Chemistry and Physics* 2012, 134: 190-199, impact factor: 2,072.
- **Mares M**, Năstasă V, Moraru R, Doroftei B, Ștefanache A – Comparative in vitro activities of fluconazole, voriconazole, and MXP-4509 against Romanian blood yeast isolates. *Mycopathologia* 2011, 172: 487-492, impact factor: 1,654.
- **Mares M**, Năstasă V, Apetrei I C, Suditu G C – Tinea corporis bullosa due to *Trichophyton schoenleinii*: case report. *Mycopathologia* 2012, 174: 319-322, impact factor: 1,489.
- Roman Gh, **Mares M**, Năstasă V - A Novel Antifungal Agent with Broad Spectrum: 1-(4-Biphenyl)-3-(1H-imidazol-1-yl)-1-propanone. *Archiv der Pharmazie* 2013, 346: 110-118, impact factor: 1,396.
- Miron L, **Mares M**, Năstasă V, Spulber M, Fifere A, Pinteală M, Harabagiu V, Simionescu C. Bogdan - Water-soluble sulconazole- β -cyclodextrin complex: physico-chemical characterization and preliminary pharmacological studies. *Journal of Inclusion Phenomena and Macrocyclic Chemistry* 2009, 63: 159-162, impact factor: 1,165.
- Spulber M, Miron L, **Mares M**, Năstasă V, Pinteală M, Fifere A, Harabagiu V, Simionescu BC - Water-soluble 5-FC complexes, preliminary pharmacological studies. *Journal of*

Inclusion Phenomena and Macrocyclic Chemistry 2009, 65: 431-435, impact factor: 1,165.

- Mariana Grecu, Valentin Nastasa, Cornelia Ilie, Liviu Miron, **Mihai Mareş** - Comparative assessment of effectiveness of ketoprofen and ketoprofen/beta-cyclodextrin complex in two experimental models of inflammation in rats. *Laboratory Animals* 2014, 48(1): 20-26, impact factor: 1,12.
- Baciú E-R, Chicet D, **Mareş M**, Munteanu C, Baciú C, Forna N-C – Influence of finishing techniques of non-noble alloys used in prosthetic restoration on *Candida albicans* biofilm development in wet systems. *Environmental Engineering and Management Journal* 2012, 11(5): 1015-1022, impact factor: 1,117.
- Anca Chiriac, Piotr Brzezinski, Anca E. Chiriac, Tudor Pinteala, **Mihai Mareş**, Cosmin Moldovan, Cristian Podoleanu, Daniel Cioloca, Roberta Arenas, Patricia Chang, Simona Stolnicu – Why is tinea an annular lesion with centrifugal growth? *International Journal of Surgical Pathology* 2015, 23(8): 652-653, impact factor: 0,953.
- **Mareş M**, Năstasă V, Doroftei B, Chifiriuc MC, Bleotu C, Socolov D - Antibiotic susceptibility profile of *Mycoplasma hominis* and *Ureaplasma urealyticum* isolated during a population-based study concerning women infertility in northeast Romania. *Brazilian Journal of Microbiology* 2011, 42: 256-260, impact factor: 0,896.
- Nora Dumitriu Miron, Demetra Socolov, Mihai Mareş, Gabriela Anton, Valentin Nastasa, Ramona Florina Moraru, Katalin Virág, Ivona Anghelache-Lupascu, Judit Deák – Bacteriological agents which play a role in the development of infertility. *Acta Microbiologica et Immunologica Hungarica* 2013, 60(1): 41-53, impact factor: 0,78.
- M. G. Minciuna, P. Vizureanu, M. Mareş, V. Nastasa, D. C. Achitei, A. V. Sandu – Biocompatibility study of CoCrMoSi alloy variants. *Revista de Chimie* 2016, 67(2): 362-365, impact factor: 0,81.
- B. Minea, V. Nastasa, A. Kolečka, Magdalena Mareş, N. Marangoci, I. Rosca, M. Pinteala, M. Hancianu, **M. Mareş** - Etiologic agents and antifungal susceptibility of oral candidosis from Romanian patients with HIV-infection or type 1 *diabetes mellitus*. *Polish Journal of Microbiology* 2016, 65(1): 123-129, impact factor: 0,697.
- **Mareş M**, Năstasă V, Anton G, Bleotu C, Miron N, Socolov D – High prevalence of fluoroquinolones resistance in *Ureaplasma* and *Mycoplasma* strains isolated from infertile women under initial evaluation in North-east Romania. *Romanian Biotechnological Letters* 2011, 16(1): 5858-5862, impact factor: 0,349.
- Violeta Melinte, Tinca Buruiană, Andreea Chibac, **Mihai Mareş**, Horia Aldea, Emil C. Buruiană – New acid BisGMA analogs for dental adhesive applications with antimicrobial activity. *Dental Materials* 2016, 32: e314-e326, impact factor: 3,931.
- Anca Chiriac, **Mihai Mareş**, Doina Mihăilă, Caius Solovan, Cosmin Moldovan, Simona Stolnicu, Ferry Hagen – Primary cutaneous cryptococcosis during infliximab therapy.

Dermatologic Therapy 2016, 30(1): e12405, DOI: 10.1111/dth.12405, impact factor: 1,268.

2.2. Articole în volumele unor manifestări științifice indexate ISI proceedings / Articole publicate în rezumat în reviste și volumele unor manifestări științifice cotate ISI

- Ursache M, R Moraru, E Hnatiuc, V Nastasa, **M Mares** - Comparative assessment of the relation between energy consumption and bacterial burden reduction using plasma activated water; *IEEE* 2014; 1036-1041, ISBN 978-1-4799-5183-3.
- Andra-Cristina Bostănar, Eugen Hnatiuc, Irina Roșca, Ana Lavinia Vasiliu, Mirela Doroftei, Laura Ursu, Luminița Iuliana Ailincăi, Valentin Năstasă, **Mihai Mares** - "Long thermal interactions of PAW with normal tooth structure and different dental biomaterials", *Proc. SPIE 10010, Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies VIII*, 100103F (2016); doi:10.1117/12.2249109; <http://dx.doi.org/10.1117/12.2249109>.
- Bogdan Hnatiuc, Jean-Louis Brisset, Dragoș Astanei, Marius Ursache, **Mihai Mares**, Eugen Hnatiuc, Ciprian Felea - "Evolution of the construction and performances in accordance to the applications of non-thermal plasma reactors", *Proc. SPIE 10010, Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies VIII*, 100103D (2016); doi:10.1117/12.2243313; <http://dx.doi.org/10.1117/12.2243313>.
- **Mares M** - Fighting against fungi outside the host - a multifaceted issue; *Mycoses* 2016, 59(suppl.1): 8-9.
- **Mares M**, Năstasă V, Apetrei IC, Stefanache A – In vitro susceptibility to fluconazole, voriconazole and MXP-4509 182 clinical yeasts isolated from Romania; *Mycoses* 2011; 54(suppl.2):63, ISSN 1439-0507.
- Ciornei Ș, Runceanu L, Drugociu D, Roșca P, **Mares M**, Agape G, Nacu G – Bacterial and fungal burden in fresh and diluted boar semen; *Reproduction in Domestic Animals* 2011; 46(suppl.2):105, ISSN 1439-0531.
- Marincu I, Negruțiu L, Iacobiciu I, **Mares M**, Neghină A, Tirnea L, Calma C, Neghină R – Etiological spectrum of fungal infections in immunodepressed patients from Timiș county, Romania; *International Journal of Infectious Diseases* 2011; 15(suppl.1):S63, ISSN 1201-9712.
- Marincu I, Negruțiu L, Iacobiciu I, **Mares M**, Neghină A, Tirnea L, Calma C, Neghină R – Clinical and epidemiological patterns of giardiasis in hospitalized patients; *International Journal of Infectious Diseases* 2011; 15(suppl.1):S96, ISSN 1201-9712.

- **Mareş M**, Patraş X, Năstasă V, Moraru R, Harabagiu V, Marangoci N, Macaev F – In vitro activity of a novel propiconazole derivative (MXP-4509) nanoparticle-formulated; *Current Medicinal Chemistry* 2011; 18:89, ISSN 0929-8673.
- Apetrei I C, Malic L, **Mareş M** – Silent killers – fungal volatile organic compounds as possible factors with impact on human health; *European Journal of Drug Metabolism and Pharmacokinetics* 2007; 32:46-47, ISSN 0378-7966.
- Doroftei B, **Mareş M**, Ciupilan I, Anton C A – A correlative study of serum zinc level and in vivo cell-mediated immune status in pregnancy; *European Journal of Drug Metabolism and Pharmacokinetics* 2007; 32:56, ISSN 0378-7966.
- Malic L, Apetrei I C, **Mareş M** – Mysterious resistance of fungal biofilm; *European Journal of Drug Metabolism and Pharmacokinetics* 2007; 32:63, ISSN 0378-7966.
- Mareş Magdalena, **Mareş M**, Rusu M – Antifungal susceptibility of 95 yeast strains isolated from oral mycoses in HIV-negative and HIV-positive patients; *European Journal of Drug Metabolism and Pharmacokinetics* 2007; 32:65, ISSN 0378-7966.
- Cazacu P, **Mareş M**, Stefanache A, Cazacu D – A new cleaning solution with antibacterial and antifungal activity used for hygiene of external ear canal in dogs and cats; *European Journal of Drug Metabolism and Pharmacokinetics* 2007; 32:83, ISSN 0378-7966.
- **Mareş M**, Stefanache A, Patraş X, Malic L, Popovici I – Benzalkonium chloride-as preservative and antifungal activity enhancer in topical formulations used in cutaneous mycoses; *European Journal of Drug Metabolism and Pharmacokinetics* 2007; 32:96, ISSN 0378-7966.
- Ştefanache A, **Mareş M**, Stan C, Doroftei B, Apetrei I, Popovici I – Association of metronidazole – clotrimazole in a vaginal cream with broad antimicrobial spectrum; *European Journal of Drug Metabolism and Pharmacokinetics* 2007; 32:106, ISSN 0378-7966.
- **Mareş M**, Ştefanache A, Patraş X, Valica V, Lupaşcu M, Levardă C, Popovici I – Antifungal activity of a new propiconazole derivative; *European Journal of Drug Metabolism and Pharmacokinetics* 2005; 30:25, ISSN 0378-7966.
- Stan C, **Mareş M**, Dumitrache M, Năstase V – New synthesis preservatives, esters of the DL-mandelic acid. Note III: The testing of the antifungal capacity; *European Journal of Drug Metabolism and Pharmacokinetics* 2003; 28:39, ISSN 0378-7966.
- **Mareş M**, Bosnea D, Dan M, Buiuc D – In vitro activity of five mouthwashes against yeasts isolated from oral mycoses; *European Journal of Drug Metabolism and Pharmacokinetics* 2003; 28:74, ISSN 0378-7966.
- Ştefanache A, **Mareş M** – The influence of certain oligominerals on the development of the yeasts blastospores; *European Journal of Drug Metabolism and Pharmacokinetics* 2003; 28:78-79, ISSN 0378-7966.

- Ștefanache A, **Mareș M**, Năstasă V – The influence of some plant extracts from spontaneous flora on experimental wounds healing; *European Journal of Drug Metabolism and Pharmacokinetics* 2009; 34:88, ISSN 0378-7966.
- Grecu Moruzi M, **Mareș M**, Năstasă V, Hrițcu V – Comparative evaluation of efficacy of piroxicam and piroxicam-beta-cyclodextrin in dogs with inflammatory osteo-articular disorders; *European Journal of Drug Metabolism and Pharmacokinetics* 2009; 34:95, ISSN 0378-7966.
- **Mareș M**, Flonta M, Almaș A, Dan M, Cirlan M, Bazgan O, Malic L, Dorneanu O, Coman G, Buiuc D – Fungiscope: first Romanian multicentre study on fungaemia – preliminary results; *Clinical Microbiology and Infection* 2008; 14(suppl.s7):S453, ISSN 1469-0691.
- Malic L, Ailincăi I, **Mareș M** – A new experimental model designed to evaluate the antifungal effect of UVC radiation against medical airborne fungi; *Clinical Microbiology and Infection* 2008; 14(suppl.s7):S305, ISSN 1469-0691.
- Marincu I, Negruțiu L, Iacobiciu I, **Mareș M**, Neghină A, Marincu L, Neghină R – The aetiology of diarrhoea among primary refugee arrivals in Timiș County, Romania; *Clinical Microbiology and Infection* 2011; 17(suppl.s4):S783, ISSN 1469-0691.
- Marincu I, Negruțiu L, Iacobiciu I, **Mareș M**, Neghină A, Marincu L, Neghină R – Clinical and epidemiological characteristics of scabies in hospitalised patients with infectious diseases; *Clinical Microbiology and Infection* 2011; 17(suppl.s4):S783, ISSN 1469-0691.
- **Mareș M**, Năstasă V, Marincu I, Moraru R and Romanian Study Group on Fungaemia; *Clinical Microbiology and Infection* 2011; 17(suppl.s4):S796, ISSN 1469-0691.
- Socolov D, **Mareș M**, Akad M, Miron N, Socolov R, Ciupilan I – Mycoplasma hominis and Ureaplasma urealyticum incidence and susceptibility to antimicrobial agents in patients with infertility in the North_East Romania; *International Journal of Gynecology & Obstetrics* 2009; 107 (suppl.2):S559.
- Marincu I, Todor I, Iacob O, **Mareș M** – Risk factors for oral candidiasis in institutionalized elderly patients; *International Conference of Applied Social Sciences*; Timișoara (Romania), 18-19 June 2012; 151.
- Marincu I, Todor I, Iacob O, **Mareș M** – The discrimination persistence against the HIV/AIDS patients; *International Conference of Applied Social Sciences*; Timișoara (Romania), 18-19 June 2012; 152.
- **Mareș M**, Nastasa V, Moraru R F, Minea B, Miron L - Comparative In Vitro Activities of Fluconazole, Voriconazole, and MXP-4509 against 256 Candida Isolates from Romanian Tertiary Hospitals; Abstracts of the Interscience Conference on Antimicrobial Agents and Chemotherapy (2012); Volume 52, Pages:F811.

- Marincu I, Tîrnea L, Bertici N, Todor I, Nastasa V, Moraru R, Iacob O, **Mareş M** – Etiological spectrum of fungal infections in chronic alcoholic patients; *Revista Română de Medicină de Laborator* 2013; 21(no. 2/4, suppl.): S136.
- Marincu I, Tîrnea L, Bertici N, Todor I, Nastasa V, Moraru R, Iacob O, **Mareş M** – The prevalence of oral candidiasis in chronic hepatitis C patients under treatment with interferon and ribavirin; *Revista Română de Medicină de Laborator* 2013; 21(no. 2/4, suppl.): S137-S138.
- Minea B, Moraru R F, Nastasa V, Doroftei B, Nastasa V, Marincu I, **Mareş M** – Comparative evaluation of the antifungal activity of voriconazole and a new propiconazole derivative (MXP405) against fluconazole-resistant yeast isolates; *Revista Română de Medicină de Laborator* 2013; 21(no. 2/4, suppl.): S140.
- Moraru R F, Nastasa V, Hnatiuc E, Ursache M, **Mareş M** – Assessment of the fungicidal effect of plasma activated water on yeast strains; *Revista Română de Medicină de Laborator* 2013; 21(no. 2/4, suppl.): S141-S142.
- Ursache M, Moraru R F, Nastasa V, Hnatiuc E, **Mareş M** – Assessment of the fungicidal effect of plasma activated water on filamentous fungal strains; *Revista Română de Medicină de Laborator* 2013; 21(no. 2/4, suppl.): S146-S147.
- Irina Rosca, Bogdan Minea, Dragoş Peptanariu, Narcisa Marangoci, Adrian Fifere, Mihai Mares - Inclusion complexes of propiconazole nitrate with substituted β -cyclodextrins II: In vitro assessment of antifungal properties; *J Material Sci Eng* 2016, 5:2 (Suppl): 71.

2.3. Articole în reviste şi volumele unor manifestări ştiinţifice indexate în altă bază de date internaţionale

- Mariana Grecu, **Mihai Mareş**, Valentin Năstasă, Ramona Moraru – Assessment of the pharmacodynamics effect of robenacoxib in cats with musculoskeletal pain and inflammation; *Lucrări Ştiinţifice USAMV – seria Medicină veterinară* 2012, 55(14): 720-724.
- Anca Chiriac, Mihai Mareş, Cristian Podoleanu, Cosmin Moldovan, Simona Stolnicu – Horse Shampoo for Human Hair? *Journal of Interdisciplinary Medicine* 2016, 1(3): 305-306.
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- Coman I., **Mareș M.**, Rusu M. – Orosept-F: soluție antiseptică inedită destinată prevenției afecțiunilor oro-dento-faringiene ; Rev. Medicină Stomatologică – supl. « Droguri, biomateriale, echipamente și tehnici în Medicina Stomatologică » ; Ed. Apollonia ; 2002 ; 161-166 ; ISSN 1453-1224.

2.4. Proprietate intelectuală, brevete de invenție și inovație

2.4.1. Internaționale

2.4.2. Naționale

- Brevet 122831 B1: Pastă de dinți cu peloid extract; autori: Ștefanache Alina, Patraș Xenia, **Mareș Mihai**, Popovici Iuliana, Stan Cătălina Daniela.

- Brevet 122838 B1: Pastă de dinți cu lizozim; autori: Patraș Xenia, **Mareș Mihai**, Ștefanache Alina, Stadoleanu Carmen, Mareș Magdalena.
- Marcă înregistrată 114014/2010: Romanian Type Culture Collection (Colecția Română de Culturi Tip).

2.5. Granturi/proiecte câștigate prin competiție

2.5.1. Director/Responsabil

2.5.1.1. Internaționale

2.5.1.2. Naționale

- Suporturi magnetice biomimetice ca strategie alternativă pentru ingineria și repararea tesutului osos (MAGBIOTISS); PN-II-PT-PCCA-2013-4-2287; director proiect: Liliana Vereștiuc (UMF „Gr. T. Popa”), responsabil partener: **Mihai Mareș**; valoare finanțare: 150000 lei, durata derulare: 3 ani.
- Infertilitatea - un puzzle din trei piese: Investigarea cuplului, Diagnosticul infertilitatii, Terapia posibilă I3ITD; ID proiect 1357; nr. contract de finanțare 448/2013 POS CCE operațiunea 2.3.3; manager proiect: Bogdan Doroftei, responsabil științific: **Mihai Mareș**; valoare finanțare nerambursabilă: 3499970 lei, durată derulare: 2 ani.
- Evaluarea efectului antifungic al nanoconjugatelor unui nou derivat de propiconazol cu beta-ciclodextrină; PN-II-RU-159/2010; **director proiect: Mihai Mareș**; membri echipă: Bogdan Doroftei, Ramona Moraru; valoare finanțare 750000 lei, durata derulare: 3 ani.

2.5.2. Membru în echipă

2.5.2.1. Internaționale

2.5.2.2. Naționale

- Studiu privind diagnosticul molecular al infertilității de cuplu de cauză microbiană (INFERTIS); grant CNCIS – tip IDEI, 338/2007, director proiect: Demetra Socolov; membri echipă: **Mihai Mareș**, Bogdan Doroftei, Elena Danciu, Mona Ifrim; durată derulare: 3 ani.
- Nanoconjugate ale ciclodextrinelor cu eliberare controlată de principii active anti_HIV și antimicotice (CICLOMED); grant CEEEX, D11-106/2006, director proiect: Mariana Pinteală; membri echipă: Narcisa Marangoci, Adrian Fifere, Mariana Spulber, **Mihai Mareș**, Valentin Năstasă, Liviu Miron, durată derulare: 2 ani.
- Micotoxinele hepato-nefrotoxice – factori de risc pentru sănătatea omului și animalelor: studii epidemiologice, morfo-clinice și de strategie preventive (NEOPREV); grant CEEEX, 147/2006, director proiect: Liviu Miron; membri echipă: Ioan Coman, Maria Bobuțac, Luminița Malic, **Mihai Mareș**, durată derulare: 2 ani.
- Dezvoltarea și validarea unor noi metode de diagnostic și supraveghere a virusului West-Nile în ecosistemele Deltei Dunării și testarea unui nou vaccine de uz veterinar bazat pe

vectori lentivirali (ROVETNILE); grant CEEEX, 3237/105/2006, director proiect Gh. Savuța; membri echipă: Luanda Ludu, Dragoș Anița, Cornel Gașpar, Ștefan Răileanu, **Mihai Mares**, Șerban Moroșan, Cristina Rebegea, Mihai Carp-Cărare, durată derulare: 2 ani.

- Terapii inovative ale plăgilor provocate de arsuri: evaluare preclinică; grant PN-II-ID-PCE-2011-3-0906; director proiect Dragoș Pieptu; membri echipă: Lenuța Profire, Valentin Năstasă, Claudiu Ghețu, **Mihai Mares**, durată derulare: 3 ani.

3. Recunoașterea și impactul activității

3.1. Citări în reviste ISI sau BDI

3.1.1. Citări în reviste ISI

- Cazacu, P.; **Mares, M.** (2007) - External otitis in dog due to *Candida guilliermondii* -: Societatea Romana de Micologie Medicala si Micotoxicologie, Iasi, Romania, Fungi & Mycotoxins, 1, 2, 89-90, 4 ref. ISSN 1843-0732, citată în:
- Ghibaudo G, Peano A – Chronic monolateral otomycosis in a dog caused by *Aspergillus ochraceus*; *Veterinary Dermatology* 2010, DOI: 10.1111/j.1365-3164.2010.00884.x.
- Anna Kolecka, Kantarawee Khayhan, Marizeth Groenewald, Bart Theelen, Michael Arabatzis, Aristea Velegraki, Markus Kostrzewa, **Mihai Mares**, Saad J. Taj-Aldeen, Teun Boekhout - Identification of Medically Relevant Species of Arthroconidial Yeasts by Use of Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry. *Journal of Clinical Microbiology* 2013, 51(8): 2491-2500, citată în:
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- **Mareş M, Năstasă V, Moraru R, Doroftei B, Ştefanache A – Comparative in vitro activities of fluconazole, voriconazole, and MXP-4509 against Romanian blood yeast isolates. Mycopathologia 2011, 172: 487-492; citată în:**
- Marangoci, Narcisa, Mihai Mareş, Mihaela Silion, Adrian Fifere, Cristian Varganici, Alina Nicolescu, Calin Deleanu, Adina Coroaba, Mariana Pinteala, and Bogdan C. Simionescu. "Inclusion complex of a new propiconazole derivative with β -cyclodextrin: NMR, ESI-MS and preliminary pharmacological studies." *Results in pharma sciences* 1, no. 1 (2011): 27-37.
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- Colosi, Ioana, Carmen Costache, and Monica Junie. "Patogenia Infecţiilor Cu Candida: Factorii De Patogenitate Şi Factorii De Risc Ai Infecţiilor Cu Fungi Din Genul Candida." *Clujul Medical* 82, no. 1 (2009).

3.2. Prezentări invitate în plenul unor manifestări științifice naționale și internaționale

3.2.1. Internaționale

- 4th ECMM Educational Symposium "Ecology and Mycology – From the Environment to the patient's bed", Tel-Aviv (Israel), 14-16 February 2016; European Confederation of Medical Mycology & Israel Society for Medical Mycology; **Mihai Mareş**: "Fighting against fungi outside the host – a multifaceted issue".

- ESCMID Postgraduate Education Course “Antifungal Resistance and its Challenges in the Management of Invasive Fungal Infections”, Sibiu (Romania), 20-22 June 2013, European Society of Clinical Microbiology and Infectious Diseases; **Mihai Mareş**: “Epidemiology of antifungal resistance in Europe”.
- ESCMID Postgraduate Education Course “State-of-the-art in emerging fungal infections”, Cluj-Napoca (Romania), 8-9 September 2011, European Society of Clinical Microbiology and Infectious Diseases; **Mihai Mareş**: “Invasive fungal infections due to Microascomycetes and Thermoascomycetes species”.

3.2.2. Naţionale

- Simpozion Synevovet, ediţia a V-a, Bucureşti, 19 noiembrie 2015; **Mihai Mareş**: Despre fungi şi animale – între cooperare şi extincţie”.
- Simpozion “Managementul infecţiilor fungice si bacteriene sistemice” - INBI Matei Bals, 2014, Societatea Română de Microbiologie; **Mihai Mareş**: “Cum evaluăm sensibilitatea fungilor în laborator?”.
- Simpozion “Diagnosticul de laborator al infecţiilor fungice şi testarea sensibilităţii la caspofungină”, organizat de MSD România – Spitalul Clinic de Boli Infecţioase Sf. Parascheva Iasi (3-4 aprilie 2008); **Mihai Mareş**: Identificarea fungilor şi testarea sensibilităţii la antifungice”.
- Universitatea de Vară “Vasile Voiculescu”, ediţia a VIII-a, organizată de Universitatea de Vest “Vasile Goldiş” din Arad, Societatea de MG/MF Buzău şi Colegiul Medicilor din România, judeţul Buzău – Poiana Pinului, 6-8 mai 2011 (lector);
- Universitatea de Vară “Vasile Voiculescu”, ediţia a VII-a, organizată de Universitatea de Vest “Vasile Goldiş” din Arad, Societatea de MG/MF Buzău şi Colegiul Medicilor din judeţul Buzău – Poiana Pinului, 1-3 mai 2010 (lector);

3.3. Membru în colectivele de redacţie sau comitetele ştiinţifice ale revistelor şi manifestărilor ştiinţifice/Recenzor pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale indexate ISI

3.3.1. ISI

- Mycoses
- Brazilian Journal of Microbiology
- Journal of Antimicrobial Chemotherapy
- Romanian Review of Laboratory Medicine
- BMC Infectious Diseases
- European Conference of Clinical Microbiology and Infectious Diseases (ECCMID 2016)
- European Conference of Clinical Microbiology and Infectious Diseases (ECCMID 2015)
- OPTIM 2014 (IEEE)

- Saudi Journal of Biological Sciences
- ECCMID 2017
- Dermathologic Therapy
- Frontiers in Chemistry

3.3.2. BDI

- Atatürk University Journal of veterinary Sciences
- Lucrări Științifice USAMV Iași - seria Medicină Veterinară
- British Journal of Medicine and Medical Research
- Revista Medico-Chirurgicală a Societății de Medici și Naturaliști din Iași
- Medicamentul Veterinar
- Fungi & Mycotoxins
- Acta Medica Marisiensis

3.3.3. Naționale și internaționale neindexate

- A 4-a Conferința Națională de Micologie Medicală (4CNMM), București, 9-10 septembrie 2016
- Congres Științific Internațional; USAMV Ion Ionescu de la Brad, Iași, 20-22 octombrie 2016
- Congres Științific Internațional "Solul și hrana, resurse pentru o viață sănătoasă", USAMV Ion Ionescu de la Brad, Iași, 22-24 octombrie 2015
- Congres Științific Internațional "Științele vieții – o provocare pentru viitor", USAMV Ion Ionescu de la Brad, Iași, 23-25 octombrie 2014
- A 3-a Conferință Națională de Micologie Medicală (3CNMM), Sibiu, 20-22 iunie 2013
- Simpozion Științific Annual "Towards a Global Health", FMV Iași, 2013
- Simpozion Științific Annual "Towards a Global Health", FMV Iași, 2012
- A 2-a Conferință Națională de Micologie Medicală (2CNMM), Iași, 16-19 iunie 2010
- Simpozion cu participare internațională "Zilele Univ. Petre Andrei - Biomateriale și tehnici moderne în reabilitarea orală complexă", Iași, 2008
- Prima Conferință Națională de Micologie Medicală (1CNMM), Cluj-Napoca, 6-8 noiembrie 2008

3.4. Experiență de management, analiză și evaluare în cercetare și/sau învățământ

3.4.1. Conducere

- Prodecan cu activitatea științifică (FMV Iași): 6 ani

3.4.2. Membru

- Reviewer ESCMID grants (2015, 2016)
- Evaluator UEFISCDI – Bridge Grants 2016

3.5. Premii

3.5.1. Academia Română

3.5.2. ASAS, AOSR, academii de ramură și CNCSIS

3.5.3. Premii internaționale

- Medalia de Argint – Salonul Internațional de Inventică, Geneva (Elveția), 2004
- Leading Scientists of the World, 2005
- Man of the Year representing Romania, 2008

3.5.4. Premii naționale în domeniu

- PN-II-RU-PRECISI-2015-9-10235
- PN-II-RU-PRECISI- 2014-8-5853
- PN-II-RU-PRECISI- 2014-8-5720
- PN-II-RU-PRECISI- 2014-8-5081
- PN-II-RU-PRECISI- 2014-8-4983
- PN-II-RU-PRECISI-2014-8-6425
- PN-II-RU-PRECISI-2014-8-6269
- PN-II-RU-PRECISI-2013-7-4237
- PN-II-RU- PRECISI-2013-7- 4165
- PN-II-RU- PRECISI-2013- 7-305
- Medalia Inventica – Salonul Jubiliar de Inventică, Iași, 2008

3.6. Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenența la organizații din domeniul educației și cercetării

3.6.1. Academia Română

3.6.2. ASAS, AOSR, academii de ramură și CNCSIS

3.6.3. Conducere asociații profesionale

3.6.3.1. Internaționale

- ECMM Council (European Confederation of Medical Mycology)

3.6.3.2. Naționale

- Societatea Română de Micologie Medicală și Micotoxicologie (președinte)
- Societatea Română de Medicină Experimentală (secretar)

3.6.4. Membru asociații profesionale

3.6.4.1. Internaționale

- American Society for Microbiology
- European Society of Clinical Microbiology and Infectious Diseases
- International Society for Human and Animal Mycology

- European Society of Human Reproduction and Embriology
- American Association for Advancement of Science

3.6.4.2. Naționale

- Societatea Română de Biochimie și Biologie Moleculară
- Asociația Generală a Medicilor Veterinari din România
- Colegiul Medicilor Dentiști din România
- Asociația Embriologilor din România

3.6.5. Organizații în domeniul educației și cercetării

3.6.5.1. Conducere

3.6.5.2. Membru

- European Committee for Antimicrobial Susceptibility testing (Subcommittee for Antifungal Susceptibility Testing)
- Ambasador al Global Action Fund for Fungal Infections (GAFFI)
- Centrul Universitar de Cercetări Medicale Veterinare Iași

14 iunie 2018

