

Diseminare si patentare.

Articole stiintifice rezultate in urma cercetarilor din cadrul acestui proiect:

1. Seicean A, Badea R, Moldovan-Pop A, Vultur S, Botan EC, Zaharie T, Săftoiu A, Mocan T, Iancu C, Graur F, Sparchez Z, Seicean R. *Harmonic Contrast-Enhanced Endoscopic Ultrasonography for the Guidance of Fine-Needle Aspiration in Solid Pancreatic Masses*, *Ultraschall Med.* 2015 Aug 14.
2. Seicean A, Petrusel L, Seicean R. [New targeted therapies in pancreatic cancer](#). *World J Gastroenterol.* 2015 May 28;21(20):6127-45.
3. V. Dinca, A. Bercea, M. Icrivezi, A. Roseanu, L. Gruionu, R. Birjega, M. Dinescu, N. D. Scarisoreanu, *BCZT thin films based-bio interfaces obtained by MAPLE technique*, *Applied Surface Science*, submitted, 2015.
4. Seicean A, Badea R, Moldovan-Pop A, Vultur S, Botan EC, Zaharie T, Săftoiu A, Mocan T, Iancu C, Graur F, Sparchez Z, Seicean R. *Harmonic Contrast-Enhanced Endoscopic Ultrasonography for the Guidance of Fine-Needle Aspiration in Solid Pancreatic Masses*, *Ultraschall Med.* 2015 Aug 14.
5. Seicean A, Petrusel L, Seicean R. [New targeted therapies in pancreatic cancer](#). *World J Gastroenterol.* 2015 May 28;21(20):6127-45.
6. V. Dinca, A. Bercea, M. Icrivezi, A. Roseanu, L. Gruionu, R. Birjega, M. Dinescu, N. D. Scarisoreanu, *BCZT thin films based-bio interfaces obtained by MAPLE technique*, *Applied Surface Science*, submitted, 2015.
7. Seicean A, Mosteanu O, Seicean R. Maximizing the endoscopic ultrasonography. *World J Gastroenterology* 2016; in press.
8. Seicean A, Jinga M. Harmonic contrast-enhanced endoscopic ultrasound fine needle aspiration: fact or fiction? *Endoscopic Ultrasound* 2016; in press.
9. Seicean A, Mosteanu O, Seicean R. Maximizing the endoscopic ultrasonography. *World J Gastroenterology* 2017;23(1):25-41
10. Seicean A, Jinga M. Harmonic contrast-enhanced endoscopic ultrasound fine needle aspiration: fact or fiction? *Endoscopic Ultrasound* 2017; 6(1):31-36
11. Petrusel L, R. Suharoschi, R. Seicean, A. Seicean. The cytoskeleton and cachexia involvement in the local spread of pancreatic ductal adenocarcinoma.- Submitted to *Pancreas*.
12. N. D. Scarisoreanu, F. R. Craciun, V. Ion, R. Birjega, A. Bercea, V. Dinca, M. Dinescu, L. E. Sima, M. Icrivezi, A. Roseanu, L. G. Gruionu, G. Gruionu, "Lead-Free Piezoelectric (Ba,Ca)(Zr,Ti)O₃ Thin Films for Biocompatible and Flexible Devices" *ACS Appl. Mater. Interfaces*, 9 (1), pp 266–278, 2017, DOI: 10.1021/acsami.6b14774. Factor de impact: 7.504

Presentări – poster la conferinte nationale si internationale, rezultate in urma cercetarilor din cadrul acestui proiect:

1. "EUS-plus" – the role of contrast harmonics, elastography and nCLE. 6th European EUS Congress, 11-12 November 2015, Edinburgh, Scotland, UK.

2. Operabilitatea în cancerul de pancreas. Ecoendoscopia (EUS). AL XXXV-LEA Congres National de Gastroenterologie , Hepatologie si Endoscopie Digestiva Iasi 2015.
3. "EUS-plus" – the role of contrast harmonics, elastography and nCLE. 6th European EUS Congress, 11-12 November 2015, Edinburgh, Scotland, UK.
4. Operabilitatea în cancerul de pancreas. Ecoendoscopia (EUS). AL XXXV-LEA Congres National de Gastroenterologie , Hepatologie si Endoscopie Digestiva Iasi 2015.
5. "2nd International Congress on Biomaterials & Biosensors" (BIOMATSEN 2016) 1 - 3 June 2016 Istanbul/Turkey "Biocompatibility studies on piezoelectric $(Ba_{1-x}Ca_x)(Zr_{y}Ti_{1-y})O_3$ thin films growth by Matrix Assisted Pulsed Evaporation" by Nicu Doinel Scarisoreanu, Adrian Bercea, Valentina Dinca, Valentin Ion, Maria Dinescu (Abstract ID: 47 - Poster Presentation).
6. A. Seicean. *Contrast media in biliopancreatic endoscopic ultrasonography*. EUS-ERCP connection. Turin, Italy 2016
7. A. Seicean, *Endoscopic ultrasound fine needle aspiration (EUS-FNA) in bilio-pancreatic pathology*. Romanian- German Symposium, Timisoara mar 2016.
8. A. Seicean. *Cancerul de pancreas- dificultati de diagnostic*. AL XXXVI-LEA Congres National de Gastroenterologie , Hepatologie si Endoscopie Digestiva Cluj-Napoca 2016
9. A. Seicean. *Fiziopatologia durerii pancreatice*. AL XXXVI-LEA Congres National de Gastroenterologie , Hepatologie si Endoscopie Digestiva Cluj-Napoca 2016.
10. Nicolae Scarisoreanu, Lucian G. Gruionu, Gabriel Gruionu, *Tumor Solid-Stress Sensor for Cancer Treatment Monitoring*, 2016 BMES/FDA Frontiers in Medical Devices Conference "Innovations in Modeling and Simulation: Patient-Centered Healthcare." May 23-25, 2016, Washington, DC, USA.
11. - EMRS spring meeting, 22-26 Mai Strasbourg, Franta prin lucrarea "Biocompatibility studies of lead free $(Ba_{1-x}Ca_x)(Zr_{y}Ti_{1-y})O_3$ thin films obtained by pulsed laser-based techniques; V. Ion, M. Dinescu, M. Icrivezi, A. Andrei , A.I. Bercea, R. Birjega , A. Bonciu, V. Dinca, A. Roseanu, N.D. Scarisoreanu (poster - X.P_1.57) ;
12. - 4th Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC4), 28-31 August, Chisinau, Republica Moldova cu lucrarea: "Epitaxial thin films of $(Ba_{1-x}Ca_x)(Zr_{y}Ti_{1-y})O_3$ obtained by Pulsed Laser Deposition (PLD) (poster) - - EMRS fall meeting, 17-21 Septembrie 2017, Varsovia, Polonia cu lucrarea:
13. Biocompatible studies on piezoelectric active $(Ba_{1-x}Ca_x)(Zr_{y}Ti_{1-y})O_3$ thin films; V. Ion, N.D. Scarisoreanu, A. Bonciu, A. Moldovan, V. Dinca, M. Dinescu, L.E. Sima, M. Icriverzi, A. Roseanu (poster N.4.49)
14. A. Seicean. CH-EUS and EUS-E for the guidance of EUS-FNA: fact or fiction? The 4th EUROPEAN WORKSHOP on EUS Image Enhancement Techniques, 4-5 oct 2017 , Bologna, Italy
15. A. Seicean. Endoscopic ultrasound fine needle aspiration (EUS-FNA) in bilio-pancreatic pathology. Romanian- German Symposium, Timisoara mar 2016.
16. A. Seicean. Contrast media in biliopancreatic endosonography. AL XXXVII-LEA Congres National de Gastroenterologie , Hepatologie si Endoscopie Digestiva Bucuresti 2017
17. A. Seicean. Pancreas. Endoscopic ultrasound technique. XXXVII-LEA Congres National de Gastroenterologie , Hepatologie si Endoscopie Digestiva Bucuresti 2017

18. A. Seicean. EUS guided fine needle aspiration: how do I increase the yield in pancreatic diseases? Endoscopy live Cluj-Napoca 2017.
19. Petrusel L, R. Suharoschi, R. Seicean, A. Seicean. Cachexia involvement in the local spread of pancreatic ductal adenocarcinoma. United European Gastroenterology Week 2017, Barcelona, Spain.
20. Petrusel L, R. Suharoschi, R. Seicean, A. Seicean. The cytoskeleton and cachexia involvement in the local spread of pancreatic ductal adenocarcinoma. United European Gastroenterology Week 2017, Barcelona, Spain
21. 3. A. Seicean, A. Samargitan, M. Gheorghiu et al. A randomized control trial assessing the contrast enhanced guided fine needle aspiration in solid pancreatic neoplasms. United European Gastroenterology Week 2017, Barcelona, Spain.
22. Nicolae Scarisoreanu, Lucian Gruionu, Gabriel Gruionu. Novel Biocompatible Piezoelectric Microsensor for Cancer and Soft Tissue Treatment Monitoring. BMES Annual Meeting, Phoenix, AZ, SUA.

Prezentari orale la conferinte nationale si internationale, rezultate in urma cercetarilor din cadrul acestui proiect:

1. Core-histology obtained during endoscopic ultrasonography for pancreatic masses by using a standard 22G needle. 6th European EUS Congress,11-12 November 2015, Edinburgh, Scotland, UK.
2. Core-histology obtained during endoscopic ultrasonography for pancreatic masses by using a standard 22G needle. 6th European EUS Congress,11-12 November 2015, Edinburgh, Scotland, UK.
3. Petrusel L, Zaharie T, Badea R, Pojoga C, Seicean R, Seicean A. Factorii de risc și supraviețuirea în adenocarcinomul pancreatic. AL XXXVI-LEA Congres National de Gastroenterologie, Hepatologie si Endoscopie Digestiva Cluj-Napoca 2016.
4. Petrusel L, Zaharie T, Badea R, Pojoga C, Seicean R, Seicean A. Factorii de risc și supraviețuirea în adenocarcinomul pancreatic. Scoala Națională de vară de Gastroenterologie Paltinis 2017.

Patente:

Cerere de brevet de inventie: „Metoda de printare de pixeli cu activitate piezoelectrica din materiale ecologice pe baza de titanat de bariu dopat”, A/00739/27-09-2017.