



Alexandru Florin Rogobete

Date of birth: 20/04/1991 | **Place of birth:** Romania | **Nationality:** Romanian | **Site de internet:**

www.alexrogobete.ro | **Website:** www.cdep.ro | **Facebook:** [rogobete.alex](https://www.facebook.com/rogobete.alex) | **LinkedIn:**

| **ORCID:** <https://orcid.org/0000-0003-1286-4431> | **Researcher ID:** F-4334-2014

Scopus ID: 56979298600

PROFESSIONAL EXPERIENCE

MINISTRY OF HEALTH - BUCHAREST, ROMANIA

MINISTER OF HEALTH - 06/2025 - ONGOING

CHAMBER OF DEPUTIES - ROMANIAN PARLIAMENT - BUCHAREST, ROMANIA

CHAIR - COMMITTEE ON HEALTH AND FAMILY - 12/2024 - 06/2025

CHAMBER OF DEPUTIES - ROMANIAN PARLIAMENT - BUCHAREST, ROMANIA

DEPUTY - 12/2024 - ONGOING

"VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, FACULTY OF MEDICINE - TIMISOARA, ROMANIA

ASSISTANT PROFESSOR - 08/2020 - ONGOING

Suspended during his term as Minister of Health

MINISTRY OF HEALTH - BUCHAREST, ROMANIA

SECRETARY OF STATE - 14/02/2023 - 24/12/2024

MINISTRY OF HEALTH - BUCHAREST, ROMANIA

Website www.ms.ro

MINISTER ADVISOR - 02/12/2021 - 13/02/2023

MINISTRY OF HEALTH - BUCHAREST, ROMANIA

COUNSELOR SECRETARY OF STATE - 07/2020 - 31/12/2020

"PIUS BRINZEU" COUNTY EMERGENCY CLINICAL HOSPITAL TIMISOARA - TIMISOARA, ROMANIA

Website www.hosptm.ro

PHYSICIAN - ANESTHESIA AND INTENSIVE CARE - 12/2019 - 2021

Suspended

EUROPEAN SOCIETY OF ANAESTHESIA (ESA) - BRUSSELS, BELGIUM

Website www.esahq.org

RESEARCH MENTOR - 08/2017 - ONGOING

GE HEALTHCARE LCS EEAST EUROPE - BUCHAREST, ROMANIA

Website www.ge.com

CLINICAL EDUCATION SPECIALIST - 02/2019 - 12/2019

GE HEALTHCARE ROMANIA - BUCHAREST, ROMANIA

Website www.ge.com



CLINICAL INTERN - 01/2016 - 02/2019

VOCATIONAL EDUCATION AND TRAINING

2016 - 2024 Timisoara, Romania

DOCTOR OF MEDICINE Faculty of Medicine, University of Medicine and Pharmacy "Victor Babeş"

Website www.umft.ro

2013 - 2019 Timisoara, Romania

BACHELOR'S DEGREE - DOCTOR OF MEDICINE Faculty of Medicine, University of Medicine and Pharmacy "Victor Babeş"

Website www.umft.ro

2021 - 2022 Timisoara, Romania

MASTER'S STUDIES - MANAGEMENT OF SOCIAL AND HEALTH SERVICES University of Medicine and Pharmacy "Victor Babeş" Timişoara

Website www.umft.ro

2013 - 2015 Timisoara, Romania

MASTER'S STUDIES IN CHEMISTRY Faculty of Chemistry, Biology, Geography, Western University of Timisoara

Website www.uvt.ro

2010 - 2013 Timisoara, Romania

Faculty of Chemistry, Biology, Geography, West University of Timisoara

Website www.uvt.ro

2020 - 2021

PUBLIC PROCUREMENT EXPERT Euro Best Team

Address <https://www.eurobestteam.ro/>

2020 - 2021

EXPERT ACCESSING EUROPEAN FUNDS Euro Best Team

Address <https://www.eurobestteam.ro/>

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language (Other languages):

	UNDERSTANDING		SPOKEN		WRITING
	Comprehensiune orală	Citit	Exprimare scrisă	Conversație	
ENGLEZĂ	B2	B2	B2	B2	B2

Levels: A1 & A2 Basic User B1 & B2 Independent User C1 & C2 Experienced User

NETWORKS AND AFFILIATIONS

Romanian Society of Anaesthesia and Intensive Care

(SRATI); European Respiratory Society (ERS);



● **PROJECTS**

Development projects with international funds

1. Technical Expert Responsible, "Pius Brînzeu" County Emergency Clinical Hospital Timișoara, "Increasing the administrative and reaction capacity in the emergency situation generated by COVID - 19 in the County Emergency Clinical Hospital
"Pius Brînzeu" Timișoara - acronym CAPACOV", MySmis code: 139640, March 2020 - July 2022;
2. Technical Expert, "Pius Brînzeu" County Emergency Clinical Hospital Timișoara, Public Procurement Procedures within the ICU Priority Actions Program (AP-ICU), 2021 - Present;
3. Public Policy Expert, Ministry of Health, Creation of the strategic and operational framework for the planning and reorganization of health services at national and regional level, Public Administration and Efficient Judicial System Axis, Call Code: POCA/513/1/1/1/Development and introduction of common systems and standards in public administration that optimize decision-making processes oriented towards citizens and the business environment in accordance with SCAP, MySmis code: 129165, December 2021 - October 2022
4. Representative of the Minister's Cabinet, Ministry of Health, WHO 2932/27.12.2021, Working Group for the preparation of the implementation and monitoring of the activities on the specific field of activity of the National Recovery and Resilience Plan (PNRR) - Component 7 Digital Transformation (C7), I3. Implementation of the eHealth and telemedicine system
5. Representative of the Minister's Cabinet, Ministry of Health, WHO 404/17.02.2022, Establishment of units for the implementation and monitoring of projects responsible for the implementation of the Reforms included in the National Health Recovery and Resilience Plan.
6. Member of the Technical Working Group (GTL), WHO 2148/11.07.2022, Establishment of the technical working group within the Ministry of Health responsible for preparing the technical documentation for the procurement of 12 mobile neonatal intensive care units within the National Recovery and Resilience Plan
7. Member of the Technical Working Group (GTL), WHO865/22.03.2022, Establishment of technical working groups within the Ministry of Health and health institutions responsible for preparing the technical documentation for the procurement of the National Recovery and Resilience Plan
8. Member, OMS3841/2022, Commission for the evaluation of projects submitted under specific investment I.1.3. Units outpatient healthcare under Romania's National Recovery and Resilience Plan (PNRR)
9. Member, OMS3840/2022, Commission for the evaluation of projects submitted under investment I.2. Development of public hospital infrastructure within Romania's National Recovery and Resilience Plan (PNRR)
10. Member, OMS3839/2022, Commission for the evaluation of projects submitted under specific investment I.2.4. Equipment and materials intended to reduce the risk of nosocomial infections within Romania's National Recovery and Resilience Plan (PNRR)

● **BOARD OF DIRECTORS**

01/2022 - 09/2022

Member - Board of Directors

WHO 261/04.02.2022 - Order of appointment:

- Member - Representative of the Ministry of Health: Board of Directors of the "Bagdasar Arseni" Emergency Clinical Hospital Bucharest

10/2022 - ONGOING

President - Board of Directors

WHO 261/04.02.2022 - Order of appointment:

- President - Representative of the Ministry of Health: Board of Directors of the "Bagdasar Arseni" Emergency Clinical Hospital Bucharest

01/01/2022 - ONGOING

Chairman - Board of Directors

WHO 261/04.02.2022 - Order of appointment:

- President - Representative of the Ministry of Health: Board of Directors of the Emergency Clinical Hospital for Children "Grigore Alexandrescu" Bucharest

01/2022 - ONGOING

Member - Board of Directors





WHO 261/04.02.2022 - Order of appointment:

- Member - Representative of the Ministry of Health: Board of Directors of the National Institute of Geriatrics and Gerontology "Ana Aslan" Bucharest

● **CLINICAL RESEARCH PROJECTS**

1. Member - "Acces to a better water in the HU-RO cross-border region", HURO/0901/126/2.2.3, Network to overcome common issues with regard to the management of water quality in the cross-border area" Netecowat, Hungary-Romania, Cross-Border Co-operation, Programme 2007-2013;
2. Member - "Development of national electronic registers in the field of extracorporeal supplementation techniques for vital functions", ATICER07/2016, Romanian Society of Intensive Care Anesthesia Annual Research Grants Competition of the Romanian Society of Intensive Care Anesthesia - 2016, 2016 - 2018 edition.
3. Study Coordinator-ROEntropy-RomanianClinicalTrialsNetwork-SRATI, ClinicalTrials.gov Identifier: NCT03210077
4. Study Coordinator - Modulation of General Anesthesia Using Entropy and Surgical Pleth Index (ESPTR), ClinicalTrials.govIdentifier:NCT03095430
5. Study Coordinator - Oxidative Stress Expression and Metabolic Imbalance in Critically Ill Polytrauma Patients and the Implications of Antioxidant Therapy on Clinical Outcomes (OSPOL), ClinicalTrials.gov Identifier: NCT03218280

● **MEMBER OF EDITORIAL BOARDS**

2014 - 2017

Editorial board member - Biochemical Genetics

Biochemical Genetics, Springer International Publishing AG

2015 - 2022

Scientific Advisory Board - Clinical Laboratory

Clinical Laboratory, Clinical Laboratory Publications GmbH

2016 - ONGOING

Scientific Advisory Board - European Journal of Trauma and Emergency Surgery

European Journal of Trauma and Emergency Surgery, Springer International Publishing AG

2016 - ONGOING

Scientific Advisory Board - The Journal of Critical Care Medicine

The Journal of Critical Care Medicine, De Gruyter Publishing

2014 - ONGOING

Editorial board member - The Journal of Interdisciplinary Medicine

The Journal of Interdisciplinary Medicine, De Gruyter Publishing

2018 - ONGOING

Scientific Advisory Board - Scientific Reports – Nature

Scientific Reports - Nature, Nature International Publishing

07/2022 - ONGOING

Review Editor - Frontiers in Anesthesiology

Review Editor on the Editorial Board of Critical Care Anesthesiology - Frontiers in Anesthesiology Journal

2019 - 2021

Guest Editor of Special Issue - Diagnostics

"Multimodal Diagnostic Methods in Sepsis in the Critically Ill Patients"



A special issue of *Diagnostics* (ISSN 2075-4418).

Link https://www.mdpi.com/journal/medicina/special_issues/general_anesthesia

2019 - 2021

Guest Editor of Special Issue - Medicine

"General Anesthesia as a Multimodal Individualized Clinical Concept" A special issue of *Medicina* (ISSN 1648-9144)

Link https://www.mdpi.com/journal/medicina/special_issues/general_anesthesia

● **BOOKS / CHAPTERS**

2014

Update in Anaesthesia and Intensive Care, Emergency Medicine and Transfusion

Bedreag OH, Rogobete AF, Papurica M. Use of albumin in the critically ill. Update in Anaesthesia and Intensive Care, Emergency Medicine and Transfusion, University Press Targu-Mures, Targu Mures, 2014, pages 13-19, ISBN 978-973-169-304-0.

2015

Controlled Drug Release Systems in Anesthesia and Intensive Care Unit

Alexandru Florin Rogobete, Ovidiu Horea Bedreag, Gabriela Preda. Controlled Drug Release Systems in Anesthesia and Intensive Care Unit. Lambert Academic Publishing. 2015. Germany, ISBN: 978-3-659-79011-9

2016

Detection of prostate cancer using epigenetic biomarkers

Raluca Dumache, Alexandru Florin Rogobete, Radu Traian Minciu. Detection of prostate cancer using epigenetic biomarkers. Lambert Academic Publishing. 2016. Germany, ISBN 978-3-659- 87297-6.

2022

General Anesthesia as a Multimodal Individualized Clinical Concept

Alexandru Florin Rogobete, Dorel Sandesc
ISBN 978-3-0365-5005-3 (Hbk); ISBN 978-3-0365-5006-0 (PDF)
<https://doi.org/10.3390/books978-3-0365-5006-0> (registering DOI)

Link <https://www.mdpi.com/books/book/5931>

● **PUBLICATIONS**

2015

Use of miRNAs as biomarkers in sepsis

Dumache R, Rogobete AF, Bedreag OH, Sarandan M, Cradigati AC, Papurica M, Dumbuleu CM, Nartita R, Sandesc D. Use of miRNAs as biomarkers in sepsis. *Anal Cell Pathol (Amst)*. 2015;2015:186716. doi:10.1155/2015/186716. Epub 2015 Jun 28. PMID: 26221578; PMCID: PMC4499375.

Anal Cell Pathol (Amst). 2015;2015:186716.

2018

MicroRNA Expression is Associated with Sepsis Disorders in Critically Ill Polytrauma Patients

Rogobete AF, Sandesc D, Bedreag OH, Papurica M, Popovici SE, Bratu T, Popoiu CM, Nitu R, Dragomir T, AAbed HIM, Ivan MV. MicroRNA Expression is Associated with Sepsis Disorders in Critically Ill Polytrauma Patients. *Cells*. 2018 Dec 13; 7(12):271. doi:10.3390/cells7120271. PMID: 30551680; PMCID: PMC6316368.

Cells. 2018 Dec 13; 7(12):271. doi:10.3390/cells7120271.



2016

Advances in Biomarkers in Critical Ill Polytrauma Patients

Papurica M, Rogobete AF, Sandesc D, Dumache R, Cradigati CA, Sarandan M, Nartita R, Popovici SE, Bedreag OH. Advances in Biomarkers in Critical Ill Polytrauma Patients. Clin Lab. 2016; 62(6):977-86. doi:10.7754/clin.lab.2015.151103. PMID: 27468558.

Clin Lab. 2016; 62(6):977-86. doi:10.7754/clin.lab.2015.151103.

2018

The Link Between Selenium, Oxidative Stress and Pregnancy Induced Hypertensive Disorders

Bizerea TO, Dezsi SG, Marginean O, Stroescu R, Rogobete A, Bizerea-Spiridon O, Ilie C. The Link Between Selenium, Oxidative Stress and Pregnancy Induced Hypertensive Disorders. Clin Lab. 2018 Oct 1; 64(10):1593-1610. doi: 10.7754/Clin.Lab.2018.180307. PMID: 30336534.

Clin Lab. 2018 Oct 1; 64(10):1593-1610. doi:10.7754/Clin.Lab.2018.180307.

Early Prediction of Sepsis Incidence in Critically Ill Patients Using Specific Genetic Polymorphisms

David VL, Ercisli MF, Rogobete AF, Boia ES, Horhat R, Nitu R, Diaconu MM, Pirtea L, Ciuca I, Horhat D, Horhat FG, Licker M, Popovici SE, Tanasescu S, Tataru C. Early Prediction of Sepsis Incidence in Critically Ill Patients Using Specific Genetic Polymorphisms. Biochem Genet. 2017 Jun; 55(3):193-203. doi:10.1007/S10528-016-9785-2. Epub 2016 Dec 9. PMID: 27943002.

Biochem Genet. 2017 Jun; 55(3):193-203. doi:10.1007/S10528-016-9785-2.

2016

New perspectives of volemic resuscitation in polytrauma patients: a review

Bedreag OH, Papurica M, Rogobete AF, Sarandan M, Cradigati CA, Vernic C, Dumbuleu CM, Nartita R, Sandesc D. New perspectives of volemic resuscitation in polytrauma patients: a review. Burns Trauma. 2016 Feb 16;4:5. doi:10.1186/S41038-016-0029-9. PMID: 27574675; PMCID: PMC4964009.

Burns Trauma. 2016 Feb 16;4:5. doi:10.1186/S41038-016-0029-9.

2015

The role of ketamine in the treatment of chronic cancer pain

Zgaia AO, Irimie A, Sandesc D, Vlad C, Lisencu C, Rogobete A, Achimas-Cadariu P. The role of ketamine in the treatment of chronic cancer pain. Clujul Med.2015; 88(4):457-61. doi:10.15386/CJMED-500. Epub 2015 Nov 15. PMID: 26733743; PMCID: PMC4689236.

Clujul Med . 2015; 88(4):457-61. doi:10.15386/CJMED-500.

2019

Assessment of Metabolic and Nutritional Imbalance in Mechanically Ventilated Multiple Trauma Patients: From Molecular to Clinical Outcomes

Rogobete AF, Grintescu IM, Bratu T, Bedreag OH, Papurica M, Crainiceanu ZP, Popovici SE, Sandesc D. Assessment of Metabolic and Nutritional Imbalance in Mechanically Ventilated Multiple Trauma Patients: From Molecular to Clinical Outcomes. Diagnostics (Basel). 2019 Nov 1; 9(4):171. doi:10.3390/diagnostics9040171. PMID: 31683927; PMCID: PMC6963656.

Diagnostics (Basel) . 2019 Nov 1; 9(4):171. doi:10.3390/diagnostics9040171

2017

The Use of Exosomes as Biomarkers for Evaluating and Monitoring Critically Ill Polytrauma Patients

with Sepsis



europass



Ticlea M, Bratu LM, Bodog F, Bedreag OH, Rogobete AF, Crainiceanu ZP. The Use of Exosomes as Biomarkers for Evaluating and Monitoring Critically Ill Polytrauma Patients with Sepsis. *Biochem Genet.* 2017 Feb; 55(1):1-9. doi:10.1007/S10528-016-9773-6. Epub 2016 Sep 9. PMID: 27612681.

Biochem Genet. 2017 Feb; 55(1):1-9. doi:10.1007/S10528-016-9773-6.

2020

Cannabis Sativa Revisited-Crosstalk between microRNA Expression, Inflammation, Oxidative Stress, and Endocannabinoid Response System in Critically Ill Patients with Sepsis

Dinu AR, Rogobete AF, Bratu T, Popovici SE, Bedreag OH, Papurica M, Bratu LM, Sandesc D. *Cannabis Sativa* Revisited-Crosstalk between microRNA Expression, Inflammation, Oxidative Stress, and Endocannabinoid Response System in Critically Ill Patients with Sepsis. *Cells.* 2020 Jan 28; 9(2):307. doi:10.3390/cells9020307. PMID: 32012914; PMCID: PMC7072707.

Cells. 2020 Jan 28; 9(2):307. doi:10.3390/cells9020307.

2017

Circulating microRNAs Expressions as Genetic Biomarkers in Pancreatic Cancer Patients Continuous Non-Invasive Monitoring

Sandesc M, Dinu A, Rogobete AF, Bedreag OH, Sandesc D, Papurica M, Bratu LM, Negoita S, Vernic C, Popovici SE, Corneci D. Circulating microRNAs expressions as genetic biomarkers in pancreatic cancer patients continuous non-invasive monitoring. *Clin Lab.* 2017 Oct 1; 63(10):1561-1566. doi:10.7754/Clin.Lab.2017.170608. PMID: 29035444.

Clin Lab. 2017 Oct 1; 63(10):1561-1566. doi:10.7754/Clin.Lab.2017.170608.

2015

Genetic and Epigenetic Biomarkers of Molecular Alterations in Oral Carcinogenesis

Dumache R, Rogobete AF, Andreescu N, Puiu M. Genetic and Epigenetic Biomarkers of Molecular Alterations in Oral Carcinogenesis. *Clin Lab.* 2015; 61(10):1373-81. doi:10.7754/clin.lab.2015.150327. PMID: 26642697.

Clin Lab. 2015; 61(10):1373-81. doi:10.7754/clin.lab.2015.150327.

2015

Circulating MicroRNAs as Promising Biomarkers in Forensic Body Fluids Identification

Dumache R, Ciocan V, Muresan C, Rogobete AF, Enache A. Circulating MicroRNAs as Promising Biomarkers in Forensic Body Fluids Identification. *Clin Lab.* 2015; 61(9):1129-35. doi:10.7754/clin.lab.2015.150207. PMID: 26554231.

Clin Lab. 2015; 61(9):1129-35. doi:10.7754/clin.lab.2015.150207.

2017

microRNAs Expression as Novel Genetic Biomarker for Early Prediction and Continuous Monitoring in Pulmonary Cancer

Nitu R, Rogobete AF, Gundogdu F, Tanasescu S, Boruga O, Sas A, Popovici SE, Hutanu D, Pilut C, Sarau CA, Candea AC, Stan AT, Moise LM. microRNAs Expression as Novel Genetic Biomarker for Early Prediction and Continuous Monitoring in Pulmonary Cancer. *Biochem Genet.* 2017 Aug; 55(4):281-290. doi:10.1007/S10528-016-9789-Y. Epub 2017 Jan 9. PMID: 28070693.

Biochem Genet. 2017 Aug; 55(4):281-290. doi:10.1007/S10528-016-9789-Y.

2015

Redox Changes Induced by General Anesthesia in Critically Ill Patients with Multiple Traumas

Papurica M, Rogobete AF, Sandesc D, Dumache R, Nartita R, Sarandan M, Cradigati AC, Luca L, Vernic C, Bedreag OH. Redox Changes Induced by General Anesthesia in Critically Ill Patients with Multiple Traumas. *Mol Biol Int.*





2017

Early Evaluation and Monitoring of Critical Patients with Acute Respiratory Distress Syndrome (ARDS) Using Specific Genetic Polymorphisms

Horhat FG, Gundogdu F, David LV, Boia ES, Pirtea L, Horhat R, Cucui-Cozma A, Ciuca I, Diaconu M, Nitu R, Licker M, Horhat DI, Rogobete AF, Moise ML, Tataru C. Early Evaluation and Monitoring of Critical Patients with Acute Respiratory Distress Syndrome (ARDS) Using Specific Genetic Polymorphisms. *Biochem Genet.* 2017 Jun; 55(3):204-211. doi:10.1007/s10528-016-9787-0. Epub 2017 Jan 9. PMID: 28070694.

Biochem Genet. 2017 Jun; 55(3):204-211. doi:10.1007/s10528-016-9787-0.

2018

New Molecular and Epigenetic Expressions as Novel Biomarkers in Critically Ill Polytrauma Patients with Acute Kidney Injury (AKI)

Ivan MV, Rogobete AF, Bedreag OH, Papurica M, Popovici SE, Dinu A, Sandesc M, Beceanu A, Bratu LM, Popoiu CM, Sandesc D, Boruga O, Fulger L. New Molecular and Epigenetic Expressions as Novel Biomarkers in Critically Ill Polytrauma Patients with Acute Kidney Injury (AKI). *Clin Lab.* 2018 May 1; 64(5):663-668. doi: 10.7754/Clin.Lab.2018.171226. PMID: 29739062.

Clin Lab. 2018 May 1; 64(5):663-668. doi:10.7754/Clin.Lab.2018.171226.

2016

The Use of Circulating miRNAs as Biomarkers for Oxidative Stress in Critically Ill Polytrauma Patients

Bedreag OH, Sandesc D, Chiriac SD, Rogobete AF, Cradigati AC, Sarandan M, Dumache R, Nartita R, Papurica M. The Use of Circulating miRNAs as Biomarkers for Oxidative Stress in Critically Ill Polytrauma Patients. *Clin Lab.* 2016; 62(3):263-74. doi:10.7754/clin.lab.2015.150740. PMID: 27156313.

Clin Lab. 2016; 62(3):263-74. doi:10.7754/clin.lab.2015.150740.

2021

Multiparametric Monitoring of Hypnosis and Nociception-Antinociception Balance during General Anesthesia-A New Era in Patient Safety Standards and Healthcare Management

Rogobete AF, Bedreag OH, Papurica M, Popovici SE, Bratu LM, Rata A, Barsac CR, Maghiar A, Garofil DN, Negrea M, Petcu LB, Toma D, Dumbuleu CM, Rimawi S, Sandesc D. Multiparametric Monitoring of Hypnosis and Nociception-Antinociception Balance during General Anesthesia-A New Era in Patient Safety Standards and Healthcare Management. *Medicine (Kaunas).* 2021 Feb 2; 57(2):132. doi:10.3390/medicina57020132. PMID: 33540844; PMCID: PMC7913052.

Medicine (Kaunas). 2021 Feb 2; 57(2):132. doi:10.3390/medicina57020132.

2016

Using the Expression of Damage-Associated Molecular Pattern (DAMP) for the Evaluation and Monitoring of the Critically Ill Polytrauma Patient

Papurica M, Rogobete AF, Sandesc D, Cradigati CA, Sarandan M, Dumache R, Horhat FG, Bratu LM, Nitu R, Crisan DC, Horhat DI, Popovici ES, Tanasescu S, Daliborca V, Boruga O, Bedreag OH. Using the Expression of Damage-Associated Molecular Pattern (DAMP) for the Evaluation and Monitoring of the Critically Ill Polytrauma Patient. *Clin Lab.* 2016 Oct 1; 62(10):1829-1840. doi:10.7754/Clin.Lab.2016.160226. PMID: 28164521.

Clin Lab. 2016 Oct 1; 62(10):1829-1840. doi:10.7754/Clin.Lab.2016.160226.

2015

Oxidative stress in severe pulmonary trauma in critical ill patients. Antioxidant therapy in patients with multiple trauma--a review



Bedreag OH, Rogobete AF, Sarandan M, Cradigati AC, Papurica M, Dumbuleu MC, Chira AM, Rosu OM, Sandesc D. Oxidative stress in severe pulmonary trauma in critical ill patients. Antioxidant therapy in patients with multiple trauma--a review. *Anesthesiol Intensive Ther.* 2015; 47(4):351-9. doi:10.5603/AIT.a2015.0030. Epub 2015 Jun 3. PMID: 26037258.

Anesthesiol Intensive Ther. 2015; 47(4):351-9. doi:10.5603/AIT.a2015.0030.

2016

The Use of Redox Expression and Associated Molecular Damage to Evaluate the Inflammatory Response in Critically Ill Patient with Severe Burn

Bratu LM, Rogobete AF, Sandesc D, Bedreag OH, Tanasescu S, Nitu R, Popovici SE, Crainiceanu ZP. The Use of Redox Expression and Associated Molecular Damage to Evaluate the Inflammatory Response in Critically Ill Patient with Severe Burn. *Biochem Genet.* 2016 Dec; 54(6):753-768. doi:10.1007/s10528-016-9763-8. Epub 2016 Jul 27. PMID: 27465592.

Biochem Genet. 2016 Dec; 54(6):753-768. doi:10.1007/s10528-016-9763-8.

2017

The influence of metabolic imbalances and oxidative stress on the outcome of critically ill polytrauma patients: a review

Rogobete AF, Sandesc D, Papurica M, Stoicescu ER, Popovici SE, Bratu LM, Vernic C, Sas AM, Stan AT, Bedreag OH. The influence of metabolic imbalances and oxidative stress on the outcome of critically ill polytrauma patients: a review. *Burns Trauma.* 2017 Mar 7;5:8. doi:10.1186/S41038-017-0073-0. PMID: 28286784; PMCID: PMC5341432.

Burns Trauma. 2017 Mar 7;5:8. doi:10.1186/S41038-017-0073-0.

2016

The Use of Lipid Peroxidation Expression as a Biomarker for the Molecular Damage in the Critically Ill Polytrauma Patient

Horhat FG, Rogobete AF, Papurica M, Sandesc D, Tanasescu S, Dumitrascu V, Licker M, Nitu R, Cradigati CA, Sarandan M, Boruga O, Crisan CD, Ungureanu E, Popa DM, Popovici SE, Bedreag OH. The Use of Lipid Peroxidation Expression as a Biomarker for the Molecular Damage in the Critically Ill Polytrauma Patient. *Clin Lab.* 2016 Sep 1; 62(9):1601-1607. doi: 10.7754/Clin.Lab.2016.160306. PMID: 28164582.

Clin Lab. 2016 Sep 1; 62(9):1601-1607. doi: 10.7754/Clin.Lab.2016.160306.

2017

miRNAs Expressions and Interaction with Biological Systems in Patients with Alzheimer's Disease. Using miRNAs as a Diagnosis and Prognosis Biomarker

Negoita SI, Sandesc D, Rogobete AF, Dutu M, Bedreag OH, Papurica M, Ercisli MF, Popovici SE, Dumache R, Sandesc M, Dinu A, Sas AM, Serban D, Corneci D. miRNAs Expressions and Interaction with Biological Systems in Patients with Alzheimer's Disease. Using miRNAs as a Diagnosis and Prognosis Biomarker. *Clin Lab.* 2017 Sep 1; 63(9):1315-1321. doi:10.7754/Clin.Lab.2017.170327. PMID: 28879701.

Clin Lab. 2017 Sep 1; 63(9):1315-1321. doi:10.7754/Clin.Lab.2017.170327.

2016

The Expression of Nuclear Transcription Factor Kappa B (NF-κB) in the Case of Critically Ill Polytrauma Patients with Sepsis and Its Interactions with microRNAs

Papurica M, Rogobete AF, Sandesc D, Cradigati CA, Sarandan M, Crisan DC, Horhat FG, Boruga O, Dumache R, Nilima KR, Nitu R, Stanca H, Bedreag OH. The Expression of Nuclear Transcription Factor Kappa B (NF-κB) in the Case of Critically Ill Polytrauma Patients with Sepsis and Its Interactions with microRNAs. *Biochem Genet.* 2016 Aug; 54(4): 337-347. doi:10.1007/S10528-016-9727-Z. Epub 2016 Mar 22. PMID: 27003424.

Biochem Genet. 2016 Aug; 54(4):337-347. doi:10.1007/S10528-016-9727-Z.



2016

Using Circulating miRNAs as Biomarkers for the Evaluation and Monitoring of the Mitochondrial Damage in the Critically Ill Polytrauma Patients

Bedreag OH, Papurica M, Rogobete AF, Sandesc D, Dumache R, Cradigati CA, Sarandan M, Bratu LM, Popovici SE, Sima LV. Using Circulating miRNAs as Biomarkers for the Evaluation and Monitoring of the Mitochondrial Damage in the Critically Ill Polytrauma Patients. Clin Lab. 2016 Aug 1; 62(8):1397-1403. doi:10.7754/Clin.Lab.2016.160121. PMID: 28164614.

Clin Lab. 2016 Aug 1; 62(8):1397-1403. doi:10.7754/Clin.Lab.2016.160121.

2016

Using the Expression of miRNAs as Biomarkers for the Evaluation Acute Respiratory Distress Syndrome in the Critically Ill Polytrauma Patient

Papurica M, Rogobete AF, Cradigati CA, Sarandan M, Dumache R, Bratu LM, Popovici SE, Sandesc D, Vernic C, Bedreag OH. Using the Expression of miRNAs as Biomarkers for the Evaluation Acute Respiratory Distress Syndrome in the Critically Ill Polytrauma Patient. Clin Lab. 2016 Aug 1; 62(8):1405-1411. doi:10.7754/Clin.Lab.2016.160138. PMID: 28164622.

Clin Lab. 2016 Aug 1; 62(8):1405-1411. doi:10.7754/Clin.Lab.2016.160138

2017

Spectrophotometric Determination of Selenium Through Triiodide Anion

Bizerea-Spiridon O, Nartita R, Rogobete AF, Negrea A, Stroescu R, Bizerea TO, Ilie C, Marginean O. Spectrophotometric Determination of Selenium Through Triiodide Anion. Clin Lab. 2017 May 1; 63(5):887-899. doi: 10.7754/Clin.Lab.2016.160905. PMID: 28627816.

Clin Lab. 2017 May 1; 63(5):887-899. doi:10.7754/Clin.Lab.2016.160905.

2015

Intracranial Pressure Monitoring as a Part of Multimodal Monitoring Management of Patients with Critical Polytrauma: Correlation between Optimised Intensive Therapy According to Intracranial Pressure Parameters and Clinical Picture

Luca L, Rogobete AF, Bedreag OH, Sarandan M, Cradigati CA, Papurica M, Gruneantu A, Patrut R, Vernic C, Dumbuleu CM, Sandesc D. Intracranial Pressure Monitoring as a Part of Multimodal Monitoring Management of Patients with Critical Polytrauma: Correlation between Optimised Intensive Therapy According to Intracranial Pressure Parameters and Clinical Picture. Turk J Anaesthesiol Reanim. 2015 Dec; 43(6):412-7. doi:10.5152/TJAR.2015.56933. Epub 2015 Dec 1. PMID: 27366538; PMCID: PMC4894185.

Turk J Anaesthesiol Reanim . 2015 Dec; 43(6):412-7. doi:10.5152/TJAR.2015.56933.

2017

DNA-Based Identification of a Carbonized Victim by Kinship Analysis

Dumache R, Rogobete AF, Ciocan V, Muresan CO, Enache A. DNA-Based Identification of a Carbonized Victim by Kinship Analysis. Clin Lab. 2017 May 1; 63(5):1035-1040. doi:10.7754/Clin.Lab.2017.170125. PMID: 28627836.

Clin Lab. 2017 May 1; 63(5):1035-1040. doi:10.7754/Clin.Lab.2017.170125.

2018

Pregnancy Induced Hypertension Versus Small Weight for Gestational Age: Cause of Neonatal Hematological Disorders

Bizerea TO, Stroescu R, Rogobete AF, Marginean O, Ilie C. Pregnancy Induced Hypertension Versus Small Weight for Gestational Age: Cause of Neonatal Hematological Disorders. Clin Lab. 2018 Jul 1; 64(7):1241-1248. doi: 10.7754/Clin.Lab.2018.180302. PMID: 30146849.



Clin Lab. 2018 Jul 1; 64(7):1241-1248. doi:10.7754/Clin.Lab.2018.180302.

2018

Analysis of oxidative stress-related markers in critically ill polytrauma patients: An observational prospective single-center study

Sandesc M, Rogobete AF, Bedreag OH, Dinu A, Papurica M, Cradigati CA, Sarandan M, Popovici SE, Bratu LM, Bratu T, Stan AT, Sandesc D. Analysis of oxidative stress-related markers in critically ill polytrauma patients: An observational prospective single-center study. *Bosn J Basic Med Sci.* 2018 May 20; 18(2):191-197. doi:10.17305/bjbms.2018.2306. PMID: 29310566; PMCID: PMC5988539.

Bosn J Basic Med Sci. 2018 May 20; 18(2):191-197.

2020

Ghrelin Levels and Hunger Sensation after Laparoscopic Sleeve Gastrectomy Compared with Laparoscopic Greater Curvature Plication in Obese Patients

Dobrescu A, Copaescu C, Zmeu B, Duta C, Bedreag OH, Stoica L, Tarta C, Rogobete AF, Lazar F. Ghrelin Levels and Hunger Sensation after Laparoscopic Sleeve Gastrectomy Compared with Laparoscopic Greater Curvature Plication in Obese Patients. *Clin Lab.* 2020 May 1; 66(5). doi:10.7754/Clin.Lab.2019.191012. PMID: 32390389.

Clin Lab. 2020 May 1; 66(5). doi:10.7754/Clin.Lab.2019.191012.

2016

Post-Mortem Identification of a Fire Carbonized Body by STR Genotyping

Dumache R, Muresan C, Ciocan V, Rogobete AF, Enache A. Post-Mortem Identification of a Fire Carbonized Body by STR Genotyping. *Clin Lab.* 2016 Oct 1; 62(10):2033-2037. doi:10.7754/Clin.Lab.2016.160417. PMID: 28164539.

Clin Lab. 2016 Oct 1; 62(10):2033-2037. doi:10.7754/Clin.Lab.2016.160417.

2014

Oxidative stress and antioxidant therapy in traumatic spinal cord injuries

Bedreag OH, Rogobete AF, Sărăndan M, Cradigati A, Păpurică M, Roșu OM, Dumbuleu CM, Săndesc D. Oxidative stress and antioxidant therapy in traumatic spinal cord injuries. *Rom J Anaesth Intensive Care.* 2014 Oct; 21(2):123-129. PMID: 28913444; PMCID: PMC5505350.

Rom J Anaesth Intensive Care. 2014 Oct; 21(2):123-129.

2020

Impact of General Anesthesia Guided by State Entropy (SE) and Response Entropy (RE) on Perioperative Stability in Elective Laparoscopic Cholecystectomy Patients-A Prospective Observational Randomized Monocentric Study

Dinu AR, Rogobete AF, Popovici SE, Bedreag OH, Papurica M, Dumbuleu CM, Velovan RR, Toma D, Georgescu CM, Trache LI, Barsac C, Luca L, Buzzi B, Maghiar A, Sandesc MA, Rimawi S, Vaduva MM, Bratu LM, Luminosu PM, Sandesc D. Impact of General Anesthesia Guided by State Entropy (SE) and Response Entropy (RE) on Perioperative Stability in Elective Laparoscopic Cholecystectomy Patients-A Prospective Observational Randomized Monocentric Study. *Entropy (Basel).* 2020 Mar 19; 22(3):356. doi:10.3390/e22030356. PMID: 33286130; PMCID: PMC7516829.

Entropy (Basel). 2020 Mar 19; 22(3):356. doi:10.3390/e22030356.

2016

An in vitro study of the release capacity of the local anaesthetics from siloxane matrices

Preda G, Rogobete AF, Săndesc D, Bedreag OH, Cradigati CA, Sarandan M, Papurica M, Popovici SE, Dragomirescu M. An *in vitro* study of the release capacity of the local anaesthetics from siloxane matrices. *Rom J Anaesth Intensive Care.* 2016 Oct; 23(2):123-131. doi: 10.21454/rjaic.7518/232.vit. PMID: 28913485; PMCID: PMC5505385.



2016

Molecular Diagnosis of Prostate Cancer From Body Fluids Using Methylation-Specific PCR (MS-PCR) method

Minciu R, Dumache R, Gheorghe P, Daminescu L, Rogobete AF, Ionescu D. Molecular diagnosis of prostate cancer from body fluids using methylation-specific PCR (MS-PCR) method. Clin Lab. 2016; 62(6):1183-6. doi:10.7754/clin.lab.2015.151019. PMID: 27468582.

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2016

Genetic Expression in Cystic Fibrosis Related Bone Disease. An Observational, Cross-Sectional, Cross-Sectional Study

Ciuca IM, Pop LL, Rogobete AF, Onet DI, Guta-Almajan B, Popa Z, Horhat FG. Genetic Expression in Cystic Fibrosis Related Bone Disease. An Observational, Cross-Sectional, Cross-Sectional Study. Clin Lab. 2016 Sep 1; 62(9):1725-1730. doi:10.7754/Clin.Lab.2016.160141. PMID: 28164596.

Clin Lab. 2016 Sep 1; 62(9):1725-1730. doi:10.7754/Clin.Lab.2016.160141.

2019

Are Inherited Combined Thrombophilia Mutations a causative or an additive factor in recurrent venous thrombotic accidents?

Maris MI, Cadariu FG, Avram MF, Parv F, Rogobete AF, Muntean DM, Borza C. Are Inherited Combined Thrombophilia Mutations a Causative or an Additive Factor in Recurrent Venous Thrombotic Accidents? Clin Lab. 2019 Jul 1; 65(7). doi: 10.7754/Clin.Lab.2019.181221. PMID: 31307155.

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2017

Improvement of recovery parameters using patient-controlled epidural analgesia after oncological surgery. A prospective, randomized single center study

Zgăia AO, Lisencu CI, Rogobete A, Vlad C, Achimaş-Cadariu P, Lazăr G, Muntean M, Ignat F, Ormindean V, Irimie A. Improvement of recovery parameters using patient-controlled epidural analgesia after oncological surgery. A prospective, randomized single center study. Rom J Anaesth Intensive Care. 2017 Apr; 24(1):29-36. doi:10.21454/rjaic.7518.241.zga. PMID: 28913495; PMCID: PMC5555424.

Rom J Anaesth Intensive Care . 2017 Apr; 24(1):29-36. doi:10.21454/rjaic.7518.241.zga.

2015

Influence of antioxidant therapy on the clinical status of multiple trauma patients. A retrospective single center study

Bedreag OH, Rogobete AF, Sărăndan M, Cradigati AC, Păpurică M, Roşu OM, Luca L, Vernic C, Nartiţă R, Săndesc D. Influence of antioxidant therapy on the clinical status of multiple trauma patients. A retrospective single center study. Rom J Anaesth Intensive Care. 2015 Oct; 22(2):89-96. PMID: 28913463; PMCID: PMC5505380.

Rom J Anaesth Intensive Care . 2015 Oct; 22(2):89-96.

2016

Literature Research Regarding miRNAs' Expression in the Assessment and Evaluation of the Critically Ill Polytrauma Patient with Traumatic Brain and Spinal Cord Injury

Bratu LM, Rogobete AF, Papurica M, Sandesc D, Cradigati CA, Sarandan M, Dumache R, Popovici SE, Crisan DC, Stanca H, Tanasescu S, Bedreag OH. Literature Research Regarding miRNAs' Expression in the Assessment and Evaluation of



the Critically Ill Polytrauma Patient with Traumatic Brain and Spinal Cord Injury. Clin Lab. 2016 Oct 1; 62(10):2019-2024. doi:10.7754/Clin.Lab.2016.160327. PMID: 28164531.

Clin Lab. 2016 Oct 1; 62(10):2019-2024. doi:10.7754/Clin.Lab.2016.160327.

2016

Modulation of the Redox Expression and Inflammation Response in the Critically Ill Polytrauma Patient with Thoracic Injury. Statistical Correlations between Antioxidant Therapy

Bedreag OH, Rogobete AF, Sandesc D, Cradigati CA, Sarandan M, Popovici SE, Dumache R, Horhat FG, Vernic C, Sima LV, Luca L, Papurica M. Modulation of the Redox Expression and Inflammation Response in the Critically Ill Polytrauma Patient with Thoracic Injury. Statistical Correlations between Antioxidant Therapy. Clin Lab. 2016 Sep 1; 62(9):1747-1759. doi:10.7754/Clin.Lab.2016.160206. PMID: 28164593.

Clin Lab. 2016 Sep 1; 62(9):1747-1759. doi:10.7754/Clin.Lab.2016.160206.

2022

The Impact of General Anesthesia on Redox Stability and Epigenetic Inflammation Pathways: Crosstalk on Perioperative Antioxidant Therapy

Ritiu SA, Rogobete AF, Sandesc D, Bedreag OH, Papurica M, Popovici SE, Toma D, Ivascu RI, Velovan R, Garofil DN, Corneci D, Bratu LM, Pahontu EM, Pistol A. The Impact of General Anesthesia on Redox Stability and Epigenetic Inflammation Pathways: Crosstalk on Perioperative Antioxidant Therapy. *Cells*. 2022; 11(12):1880. <https://doi.org/10.3390/cells11121880>

Cells 2022, 11, 1880. <https://doi.org/10.3390/cells11121880>

2022

Cannabis Sativa Revisited

Dinu, A.R.; Rogobete, A.F.; Bratu, T.; Popovici, S.E.; Bedreag, O.H.; Papurica, M.; Bratu, L.M.; Sandesc, D.; Rijo, P. Cannabis Sativa Revisited. Encyclopedia. Available online: <https://encyclopedia.pub/entry/24624> (accessed on 08 July 2022).

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2022

General Anesthesia as a Multimodal Individualized Clinical Concept

Rogobete, A.F.; Sandesc, D. General Anesthesia as a Multimodal Individualized Clinical Concept. *Medicine* **2022**, *58*, 956. <https://doi.org/10.3390/medicina58070956>

Medicine 2022, 58, 956. <https://doi.org/10.3390/medicina58070956>

2022

Update on Current Concepts in Management of Severe Hemorrhagic Shock and Optimal Individualized Fluid Therapy in Critically Ill Polytrauma Patients

Rogobete, A.F.; Ritiu, S.A.; Bedreag, O.H.; Papurica, M.; Popovici, S.E.; Toma, D.; Lupu, M.A.; Peacock, D.L.; Garofil, D.N.; Corneci, D.; Pistol, A.; Pahontu, E.M.; Valeanu, L.; Sandesc, D. Update on Current Concepts in Management of Severe Hemorrhagic Shock and Optimal Individualized Fluid Therapy in Critically Ill Polytrauma Patients. *Preprints* **2022**, 2022080141 (doi: 10.20944/preprints202208.0141.v1).

Preprints 2022, 2022080141 (doi: 10.20944/preprints202208.0141.v1).

2022

Multimodal Diagnostic Methods of Sepsis in Critically Ill Patients

Rogobete, A.F.; Sandesc, D. Multimodal Diagnostic Methods of Sepsis in Critically Ill Patients. *Diagnostics* **2022**, *12*, 1950. <https://doi.org/10.3390/diagnostics12081950>



PRESENTATIONS / PAPERS AT NATIONAL AND INTERNATIONAL SCIENTIFIC EVENTS

Presentations / papers at national and international scientific events

1. Rogobete, A. F., Preda, G., Chemical reactions in the microwave, Students 'Scientific' Circle Principles", Twelfth Edition, West University of Timisoara, Faculty of Chemistry, Biology, Geography, Chemistry Department, 2011;
2. Rogobete, A. F., Preda, G., Controlled release of biologically active compounds in sol-gel matrices, Scientific Session, 19th Edition, West University of Timisoara, Faculty of Chemistry, Biology, Geography, Chemistry Department, 2013;
3. Rogobete, A.F. Albu, P., Dragomirescu, M., Preda, G., Controlled release of bioactive substances from sol-gel matrixes, Academic Days Timiseni, West University of Timisoara, multidisciplinary research and training platform "Nicholas Georgescu - Roegen" advanced environmental research laboratories, 2013;
4. Rogobete, A.F., Sarandan, M., Preda, G., Bupivacaine Liposome - new trends in Anaesthesia and Intensive Care Unit, Students 'Scientific' Circle Principles", West University of Timisoara, Faculty of Chemistry, Biology, Geography Timisoara, Romania, 2014;
5. Rogobete, A.F., Preda, G., Analgesia supported by minimal invasive maneuvers - Progress controlled release systems of biologically active substances, Students Scientific Communications Session, West University of Timisoara, Timisoara, Romania, 2014
6. Rogobete, AF, Preda, G, Dragomirescu, M. Controlled release of bovine serum albumin from silica matrices, Bioengineering of Animal Resources, Banat University of Agricultural Science and Veterinary Medicine "King Michael I of Romania", Timisoara, Romania, 2015
7. Alexandru Florin Rogobete, Ovidiu Horea Bedreag, Carmen Alina Cradigati, Mirela Sarandan, Corina Vernic, Anelore Gruneantu, Marius Papurica, Loredana Luca, Mihai Sandesc, Dorel
I'm sorry. The modifies of the lipidic profile in the critically ill trauma patient. The modulation of the redox expression by administrating of the antioxidants. A prospective study. The 42st Congress of the Romanian Society of Anaesthesia and Intensive Care, International Conference Centre, Sinaia, Romania, 2016;
8. Alexandru Florin Rogobete, Ovidiu Horea Bedreag, Marius Papurica, Carmen Alina Cradigati, Mirela Sarandan, Anca Dinu, Sonia Elena Popovici, Dorel Sandesc, Monica Dragomirescu, Gabriela Preda. New trends in pain management - controlled release of local anaesthetics from siloxane matrix. The 42st Congress of the Romanian Society of Anaesthesia and Intensive Care, International Conference Centre, Sinaia, Romania, 2016;
9. Loredana Luca, Alexandru Florin Rogobete, Ovidiu Horea Bedreag, Marius Papurica, Carmen Alina Cradigati, Mirela Sarandan, Corina Vernic, Ancuta Pop Coman, Lavinia Melania Bratu, Dorel Sandesc. The redox expression in the critically ill trauma patient. The influence of the antioxidant therapy on the incidence of sepsis. A prospective study of single center. The 42st Congress of the Romanian Society of Anaesthesia and Intensive Care, International Conference Centre, Sinaia, Romania, 2016;
10. Zgaia, A.; Pop, F.; Irimie, A.; Rogobete, A.; Achimas-Cadariu, P. The Impact of Preoperative Psychological Counseling On Pain, And Analgesic Consumption On Patients Scheduled for Breast Cancer Surgery- A Randomized Clinical Study. 16th World Congress of Anaesthesiologists. 2016, Hong Kong
11. Alexandru Florin Rogobete, GE Healthcare Basic Scientific Writing Course, Victor Babes University of Medicine and Pharmacy, Timisoara, Romania, 2016
12. Alexandru Florin Rogobete, Basic Scientific Writing Course, National Course on Guidelines and Protocols in Anesthesia, Intensive Care and Emergency Medicine, Timisoara, Romania, 2016
13. Alexandru Florin Rogobete, Gas Exchange/Metabolism Monitoring, GE Healthcare Multimodal Monitoring Romanian Tour, Romania, 2016
14. Alexandru Florin Rogobete, Ovidiu Horea Bedreag, Marius Papurica, Carmen Alina Cradigati, Mirela Sarandan, Sonia Elena Popovici, Dorel Sandesc, Adequacy of Anaesthesia in Trauma patients, The 11th PanArab Anaesthesia and Intensive Care Congress, Intercontinental Conference Centre, Dubai, November, UAE, 2016;
15. L Luca, A Rogobete, O Bedreag, M Papurica, M Sarandan, C Cradigati, S Popovici, C Vernic, D Sandesc. Multimodal monitoring in critically ill polytrauma patient with traumatic brain injury (TBI). 37th International Symposium on Intensive Care and Emergency Medicine. Critical Care2017, 21(Suppl 1):56. <https://doi.org/10.1186/s13054-017-1630-4>
15. O Bedreag, A Rogobete, C Cradigati, M Sarandan, C Mihoc, S Popovici, D Sandesc. Monitoring energy demand in the multiple trauma critically ill patient with sepsis based on indirect calorimetry. a prospective observational monocentric study. 38th International Symposium on Intensive Care and Emergency Medicine. Critical Care2018, 22(Suppl 1):82. <https://doi.org/10.1186/s13054-018-1973-5>
16. A Rogobete, O Bedreag, C Cradigati, M Sarandan, S Popovici, D Sandesc. Influence of antioxidant therapy with high dose of vitamin c on mortality rates in critically ill polytrauma patients. 38th International Symposium on Intensive Care and Emergency Medicine. Critical Care2018, 22(Suppl 1):82. <https://doi.org/10.1186/s13054-018-1973-5>
17. O Bedreag, A Rogobete, C Cradigati, M Sarandan, S Popovici, D Sandesc. Entropy-guided depth of hypnosis on general anesthesia in critically ill polytrauma patients. 38th International Symposium on Intensive Care and Emergency Medicine. Critical Care2018, 22(Suppl 1):82. <https://doi.org/10.1186/s13054-018-1973-5>



18. A Rogobete, O Bedreag, D Sandesc. INDIRECT CALORIMETRY - GUIDED NUTRITION IN CRITICALLY ILL POLYTRAUMA PATIENTS. 2nd EuroAsia Conference, Hong Kong, 2018
19. A Rogobete, O Bedreag, D Sandesc. ENTROPY - GUIDED DEPTH OF HYPNOSIS ON GENERAL ANAESTHESIA IN CRITICALLY ILL POLYTRAUMA PATIENTS. 2nd EuroAsia Conference, Hong Kong, 2018
20. Alexandru Florin Rogobete, Ovidiu Bedreag, Marius Păpurică, Carmen Alina Gizea, Mirela Sarandan, Corina Vernic, Sonia Elena Popovici, Lavinia Melania Bratu, Loredana Luca, Dorel Săndesc. Entropy-guided depth of hypnosis on general anaesthesia in critically ill polytrauma patients. The 44th Congress of the Romanian Society of Anaesthesia and Intensive Care, International Conference Centre, Sinaia, Romania, 2018;
21. Alexandru Florin Rogobete, Ovidiu Bedreag, Marius Păpurică, Carmen Alina Gizea, Mirela Sarandan, Sonia Elena Popovici, Dorel Săndesc. Monitoring energy demand in the multiple trauma critically ill patient with sepsis based on indirect calorimetry. A prospective observational monocentric study. The 44th Congress of the Romanian Society of Anaesthesia and Intensive Care, International Conference Centre, Sinaia, Romania, 2018;
22. Alexandru Florin Rogobete, Ovidiu Bedreag, Marius Păpurică, Carmen Alina Gizea, Mirela Sarandan, Corina Vernic, Sonia Elena Popovici, Lavinia Melania Bratu, Loredana Luca, Dorel Săndesc. Influence of antioxidant therapy with high dose of vitamin C on mortality rates in critically ill poly-trauma patients. The 44th Congress of the Romanian Society of Anaesthesia and Intensive Care, International Conference Centre, Sinaia, Romania, 2018;
23. A. F. Rogobete, O. H. Bedreag, M. Papurica, D. Sandesc. Monitoring energy demand in the multiple trauma critically ill patient with sepsis based on indirect calorimetry. A prospective observational monocentric study. Euroanaesthesia 2018, Copenhagen
24. A.F. Rogobete. Basic Scientific Writing Course, Endoped Congress 2018, Romanian Society of Nutrition in Pediatric Patients, Timisoara, Romania
25. AF Rogobete. Oxidative stress - as molecular metabolic disaster and antioxidant therapy in critically ill polytrauma patients. ICU National Conference Poland, 2018
26. AF Rogobete. Indirect Calorimetry as Energy Expenditure Multimodal Monitoring and Implications on Clinical Outcomes in Critically Ill Polytrauma Patients. Anesthesiology, San Francisco, USA, 2018
27. AF Rogobete. State and Response Entropy: Guided General Anaesthesia in Critically Ill Polytrauma Patients, Anesthesiology, San Francisco, USA, 2018
28. AF Rogobete. Oxidative Stress and Indirect Calorimetry in critically ill polytrauma patients. ROSPEN Congress 2018, Poiana Brasov, Romania
29. AF Rogobete. Entropy in Trauma. SRATI Congress 2019, Sinaia, Romania
30. AF Rogobete. Vitamin C in trauma - clinical outcomes, Kazakhstan Anaesthesia Congress 2019, Astana, Kazakhstan
31. AF Rogobete. Cannabinoids in sepsis. New face for ICU? ROSPEN Congress 2019, Poiana Brasov, Romania

2019

Cannabinoids in sepsis. New face for ICU? | ROSPEN Congress | Poiana Brasov | Romania

2019

Vitamin C in trauma - clinical outcomes | Kazakhstan Anaesthesia Congress | Astana |

Kazakhstan

2019

Entropy in Trauma | The National Congress of Romanian Society of Anaesthesia and Intensive Care | Sinaia | Romania

2018

Oxidative Stress and Indirect Calorimetry in critically ill polytrauma patients | ROSPEN Congress | Poiana Brasov | Romania

2018

State and Response Entropy: Guided General Anaesthesia in Critically Ill Polytrauma Patients | Anesthesiology Congress| San Francisco | USA

2018

Indirect Calorimetry as Energy Expenditure Multimodal Monitoring and Implications on Clinical Outcomes in Critically Ill Polytrauma Patients | Anesthesiology | San Francisco | USA

2022

Impact of international funds on the response of ICUs to the COVID-19 health crisis | AI 48-1st Congress of the Romanian Society of Anesthesia and Intensive Care | Sinaia | Romania



2022

Impact of intraoperative monitoring of the nociception – antinociception balance on hemodynamic stability | The 48th Congress of the Romanian Society of Anesthesia and Intensive Care | Sinaia | Romania

● HONORARY DISTINCTIONS AND AWARDS

2015

2nd place for Best e-Poster – The 41 th Congress of the Romanian Society of Anaesthesia and Intensive Care

International Conference Centre, Sinaia, Romania

2015

Elsevier ScienceDirect Top25 – Elsevier

Elsevier List of Most Downloaded Articles 2015- Liposomal Bupivacaine - New Trends in Anesthesia and Intensive Care Units. Egyptian Journal of Anaesthesia, 2015, 31(1): 80-95

2016

1st place for Best e-Poster – The 42st Congress of the Romanian Society of Anaesthesia and Intensive Care

International Conference Centre, Sinaia, Romania

2016

3rd place for Best e-Poster – The 42st Congress of the Romanian Society of Anaesthesia and Intensive Care

International Conference Centre, Sinaia, Romania

2016

1st place for Best Poster – World Congress of Anaesthesiologists

Hong Kong

2018

1st place for the Best Oral Presentation – The 44th Congress of the Romanian Society of Anaesthesia and Intensive Care

International Conference Centre, Sinaia, Romania

● CERTIFICATES / ACCREDITATIONS

Certifications

A. Springer Science. Springer Academy Department (2014):

1. Certificate of Completion. How to Write and Submit a Journal Article.
2. Certificate of Completion. Journal Author Academy Part 1: Writing your Manuscript.
3. Certificate of Completion. Journal Author Academy Part 2: Submitting and Peer Review
4. Certificate of Completion. Open Access Academy.
5. Certificate of Completion. Peer Review Academy
6. Certificate of Completion. Springer English Academy.

B. European Society of Anaesthesia (ESA, www.esahq.org)

1. Scientific Writer - European Society of Anaesthesia, ESA Masterclass, Brussels, Belgium, 2015
2. Study Design - European Society of Anaesthesia, ESA Masterclass, Poland, 2018

● ACADEMIC VISIBILITY

Quotes

H-index: 13



i10-index: 20

(<https://scholar.google.com/citations?user=gwjdfdsAAAAJ&hl=en>)

● VOLUNTEERING

Volunteer

Clinical Medical Student Volunteer (2013 - 2018) - Clinic for Anesthesiology and Intensive Care, Emergency County Hospital "Pius Binzeu" Timisoara

● ORGANIZATIONAL COMPETENCES

I

- Project Coordinator to promote the campaign "Education Awards Gala - Dinu Patriciu Foundation", Western Region, Timisoara, Romania (2011);- Organizing Member "Veronica Chiriac Inorganic Chemistry Contest", Faculty of Chemistry, Biology, Geography, University of the West Timisoara, Timisoara, Romania (2011, 2012, 2013);- Organizing Member "George Ostrogovich Organic Chemistry Contest", Faculty of Chemistry, Biology, Geography, West University of Timisoara (2011, 2012, 2013);- Organizing Member "Summer School - Camp National Chemistry", Ministry of Education, Research, Youth and Sports, Caras-Severin County School Inspectorate, Resita, Romania (2011);- Member of the organizing "open days", Faculty of Chemistry, Biology, Geography, University of the West Timisoara, Timisoara, Romania (2011, 2012, 2013);- Organising Member "National Guidelines and Protocols Course in Anaesthesia, Intensive Care and Emergency Medicine", Timisoara, Romania (2014-2019);-Project coordinator "GE Healthcare Basic Scientific Writing Course", Romania, 2016-2018 -Project director "GE Healthcare Multimodal Monitoring Romanian Tour", Romania, 2016-2018.-Project coordinator "Romanian Clinical Trials Network, Romanian Society of Anaesthesia and Intensive Care", Romania, 2018-Project Coordinator "Mechanical Ventilation Masterclass", Timisoara, March 1-2, 2019 - Course Coordinator "Basic Scientific Writing Course", Romania, 2017-2019 - Course Coordinator "Advanced Clinical Research Masterclass", Romania, 2019

● COMMUNICATION AND INTERPERSONAL SKILLS

Communication and presentation techniques

ForPeople Organization, Sinaia, Romania (2008);

Design projects technical

ForPeople Organization, Sinaia, Romania (2009);

Diplomacy and protocol

European Institute of Romania, Bucharest, Romania (2021);