

# CĂTĂLIN-BOGDAN SATALĂ, MD, PhD

DATA NAȘTERII: 23.06.1992

Europass

ADRESĂ: BRĂILA, ROMANIA

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PERMIS CONDUCERE: CATEGORIA B

## EXPERIENȚĂ PROFESIONALĂ

15/04/2024-prezent

Medic specialist Anatomie Patologică - Spitalul Clinic Judetean de Urgenta Braila, România

01/01/2024-14/04/2024

Medic specialist Anatomie Patologică - Spitalul de Cardiologie "DR. BENEDEK GEZA", Covasna, România

01/02/2020 - 07/02/2024

Asistent universitar - Disciplina de Morfopatologie, Universitatea de Medicină, Farmacie, Științe și Tehnologie "GEORGE EMIL PALADE", România

01/01/2019 - 31.12.2023

Medic rezident Anatomie Patologică - Spitalul Clinic Județean de Urgență Târgu Mureș, România

## EDUCAȚIE

15/10/2019-13/10/2023

Studii doctorale - Scoala doctorală din cadrul Universității de Medicină, Farmacie, Științe și Tehnologie "GEORGE EMIL PALADE", Târgu Mureș, România, teză de doctorat - "ASPECTE MORFOLOGICE, IMUNOFENOTIPICE ȘI MOLECULARE ALE CARCINOAMELOR GASTRICE" - "SUMMA CUM LAUDE" - confirmat prin Ordin de ministru nr. 6895 din 27/12/2023, (seria J, nr 0058946)

01/10/2012 - 15/06/2018

Studii de licență- Facultatea de Medicină din cadrul Universității de Medicină și Farmacie, Târgu Mureș, România - "Corelații clinico-patologice ale tumorilor primare și metastazelor hepatice" (seria LM, nr. 0006683)

15/09/2007 - 15/06/2011

Studii liceale - Colegiul Național "NICOLAE BĂLCESCU", Brăila, România (seria Y, nr 0338524)

## ABILITĂȚI LINGVISTICE

LIMBA

ROMÂNĂ

MATERNĂ:

ALTE LIMBI:

COMPREHENSIVNE ORALĂ

VORBIT

SCRIS

ENGLEZĂ C2

C2

C1

C2

PROFEX and Department for Language Certification, UMFST G. E. Palade

FRANCEZĂ B2

B2

B2

B2

## ABILITĂȚI DIGITALE

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Microsoft Excel Microsoft Word Social Media Zoom | Platforme online didactice (Blackboard, Microsoft Teams)

## PUBLICAȚII

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### 1. HER2 heterogeneity in gastric cancer: a comparative study, using two commercial antibodies

**Satala CB, Jung I, Stefan-van Staden RI, Kovacs Z, Molnar C, Bara T Jr, Fulop ZZ, Gurzu S.** HER2 heterogeneity in gastric cancer: a comparative study, using two commercial antibodies. *Journal of Oncology* 2020; 2020:8860174. doi: 10.1155/2020/8860174, **FI: 4.375 (2020) (7 citări Web of Science)**

### 2. Benefits of the 8th American Joint Committee on Cancer System for Hepatocellular Carcinoma Staging

**Satala CB, Jung I, Kobori L, Kovacs Z, Fodor D, Szodorai R, Gurzu S.** Benefits of the 8th American Joint Committee on Cancer System for Hepatocellular Carcinoma Staging. *J Gastrointest Cancer*. 2021 Mar;52(1): 243-248. doi: 10.1007/s12029-020-00394-z. PMID: 32173767. **(12 citări Web of Science)**

### 3. Chylous Ascites, Unusual Association with Ductal Pancreatic Adenocarcinoma with Plasmacytoid Morphology: A Case Report and Literature Review

**Satala CB, Bara TJ, Jung I, Tudorache V, Gurzu S.** Chylous Ascites, Unusual Association with Ductal Pancreatic Adenocarcinoma with Plasmacytoid Morphology: A Case Report and Literature Review. *Surgery Journal (N Y)*. 2021 Jul 19;7(3):e158-e162. doi: 10.1055/s-0041-1728651. **(4 citări Web of Science)**

### 4. Signet-ring cell squamous cell carcinoma: a biphenotypic neoplasm of the gastro-esophageal junction with uncertain biological potential: case report and literature review

**Satala CB, Kovacs Z, Bara TJr, Jung I, Gurzu S.** Signet-ring cell squamous cell carcinoma: a biphenotypic neoplasm of the gastro-esophageal junction with uncertain biological potential: case report and literature review. *Int J Mol Sci* 2023; 24:9535. doi:10.3990/ijms24119535, **FI: 5.6 (2022). Q1 (2 citari Web of Science)**

### 5. Mucin-phenotype and expression of the protein V-set and immunoglobulin domain containing 1 (VSIG1): new insights into gastric carcinogenesis

**Satala CB, Jung I, Gurzu S.** Mucin-phenotype and expression of the protein V-set and immunoglobulin domain containing 1 (VSIG1): new insights into gastric carcinogenesis. *International Journal of Molecular Sciences* 2023; 24:8697. doi:10.3990/ijms24108697, **FI: 5.6 (2022). Q1**

### 6. V-set and immunoglobulin domain containing 1 (VSIG1) as an emerging target for epithelial-mesenchymal transition of gastric cancer

**Satala CB, Jung I, Kovacs Z, Stefan-Van Staden RI, Molnar C, Bara T, Patrichi AI, Gurzu S.** V-set and immunoglobulin domain containing 1 (VSIG1) as an emerging target for epithelial-mesenchymal transition of gastric cancer. *Scientific Reports* 2022; 12:16241. doi:10.1038/s41598-022-19883-1, **FI: 4.6 (2022). Q2 (4 citări Web of Science)**

### 7. Primary rhabdomyosarcoma: An extremely rare and aggressive variant of male breast cancer

**Satala CB, Jung I, Bara TJ, Simu P, Simu I, Vlad M, Szodorai R, Gurzu S.** Primary rhabdomyosarcoma: An extremely rare and aggressive variant of male breast cancer. *World Journal of Clinical Cases*. 2020 Oct 6;8(19):4466-4474. doi: 10.12998/wjcc.v8.i19.4466. **(3 citari Web of Science)**

### 8. Immunohistochemical-based molecular subtyping of colorectal carcinoma using maspin and markers of epithelial-mesenchymal transition

**Banias L, Jung I, Bara T, Fulop Z, Simu P, Simu I, Satala CB, Gurzu S.** Immunohistochemical-based molecular subtyping of colorectal carcinoma using maspin and markers of epithelial-mesenchymal transition. *Oncol Lett*. 2020 Feb;19(2):1487-1495. doi: 10.3892/ol.2019.11228 **(27 citări Web of Science)**

**9. Histopathological gap in aortic diseases: a prospective analysis.**

Banceu CM, Gurzu S, **Satala CB**, Ghiga D, Neamtu MH, Voth V, Liebrich M, Suci H. Histopathological gap in aortic diseases: a prospective analysis. *Int J Mol Sci* 2023; 24:15470. doi:10.3390/ijms242015470. **FI: 5.6 (2022). Q1 (2 citari Web of Science)**

**10. Gastrointestinal Carcinoma with Plasmacytoid Morphology: Positivity for c-MET, Arylsulfatase, and Markers of Epithelial-Mesenchymal Transition, as Indicators of Aggressivity.**

Kovacs Z, Gurzu S, Molnar C, Sincu M, Baniias L, **Satala CB**, Jung I. Gastrointestinal Carcinoma with Plasmacytoid Morphology: Positivity for c-MET, Arylsulfatase, and Markers of Epithelial-Mesenchymal Transition, as Indicators of Aggressivity. *Journal of Oncology* 2019 May 8;2019:5836821. doi: 10.1155/2019/5836821. **(7 citări Web of Science)**

**11. Long Term Results of Modified Intersphincteric Resections for Low Rectal Cancer: A Single Center Experience**

Butiurca VO, Molnar C, Copotoiu C, Botoncea M, Bud TI, Kovacs Z, **Satala CB**, Gurzu S. Long Term Results of Modified Intersphincteric Resections for Low Rectal Cancer: A Single Center Experience. *Medicina (Kaunas)*. 2019 Nov 29;55(12):764. doi: 10.3390/medicina55120764 **(4 citări Web of Science)**

**12. In-House Validated Map of Lymph Node Stations in a Prospective Cohort of Colorectal Cancer: A Tool for a Better Preoperative Staging**

Simu P, Jung I, Baniias L, Fulop ZZ, Bara T, Simu I, Andone S, Staden RIS, **Satala CB**, Halmaciu I, Gurzu S. In- House Validated Map of Lymph Node Stations in a Prospective Cohort of Colorectal Cancer: A Tool for a Better Preoperative Staging. *J Oncol*. 2022 Mar 19;2022:1788004. doi: 10.1155/2022/1788004. **(1 citare Web of Science)**

**13. Mesangioproliferative glomerulonephritis with extracapillary crescents - unexpected fatal complication in a 17-year-old patient with implanted left ventricular assist device**

Oprîș EC, Suci H, Jung I, **Satala CB**, Al Hussein H, Harpa MM, Bănceu CM, Gurzu S. Mesangioproliferative glomerulonephritis with extracapillary crescents - unexpected fatal complication in a 17-year-old patient with implanted left ventricular assist device. *Rom J Morphol Embryol*. 2020 Apr-Jun;61(2):535-544. doi: 10.47162/RJME.61.2.24. **(1 citare Web of Science)**

**14. COVID-19 Like Findings in a Fatal Case of Idiopathic Desquamative Interstitial Pneumonia Associated With IgA Glomerulonephritis in a 13-Month-Old Child**

Gurzu S, **Satala CB**, Melit LE, Streinu-Cercel A, Otelea D, Capalna B, Puiac CI, Szederjesi J, Jung I. COVID-19 Like Findings in a Fatal Case of Idiopathic Desquamative Interstitial Pneumonia Associated With IgA Glomerulonephritis in a 13-Month-Old Child. *Front Pediatr*. 2020 Nov 11;8:586666. doi: 10.3389/fped. 2020.586666. **(3 citări Web of Science)**

**15. Angiogenesis of hepatocellular carcinoma: An immunohistochemistry study**

Fodor D, Jung I, Turdean S, **Satala CB**, Gurzu S. Angiogenesis of hepatocellular carcinoma: An immunohistochemistry study. *World Journal of Hepatology*. 2019 Mar 27;11(3):294-304. doi: 10.4254/ wjh.v11.i3.294. **(17 citări Web of Science)**

**16. The importance of aortic valve bicuspid phenotype in valvular evolution in pediatric patients: a case report and literature mini-review**

Fagarasan A, Gurzu S, **Satala CB**, Hagau AC. The importance of aortic valve bicuspid phenotype in valvular evolution in pediatric patients: a case report and literature mini-review. *Int J Mol Sci* 2023; 24:14027. doi:10.3990/ijms241814027, **FI: 5.6 (2022). Q1**

**17. Matrix metalloproteinases and heart transplantation-a pathophysiological and clinical view.**

Patrichi G, Patrichi A, **Satala CB**, Sin AI. Matrix metalloproteinases and heart transplantation-a pathophysiological and clinical review. *Medicina* 2023; 59:1295. doi:10.3390/medicina59071295, **FI: 0.62 (2022). Q2 (3 citari Web of Science)**

**18. Asymptomatic myxomatous degeneration of the mitral valve in a young male.**

Opris C, **Satala CB**, Banceu C, Opris C, Stoica A, Capilna T, Gurzu S. Asymptomatic myxomatous degeneration of the mitral valve in a young male. *Acta Medica MARisiensis*; 66:164-176. doi:<https://doi.org/10.2478/amma-2020-0018>.

## ● **CONFERINȚE**

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1. 10/05/2018 - 13/05/2018 - Sibiu, România

*THE 11<sup>TH</sup> INTERNATIONAL CONGRESS FOR MEDICAL STUDENTS AND YOUNG PHYSICIANS*

- The incidence of primary tumors and metastatic liver disease on the Pathology department of Mures County hospital - a 9 year retrospective study

2. 04/09/2019 - 07/09/2019 - Târgu Mureș, România

*THE 11<sup>TH</sup> NATIONAL CONFERENCE WITH INTERNATIONAL PARTICIPATION OF THE ROMANIAN SOCIETY OF PATHOPHYSIOLOGY*

- Metatarsal amputation as a result of paraneoplastic vasculitis: a case report
- Small bowel metastases: report of four cases

3. 08/09/2019 - 11/09/2019 - Nice, Franța

*THE 31<sup>ST</sup> CONGRESS OF EUROPEAN SOCIETY OF PATHOLOGY*

- Prognostic impact of the modifications of the 8<sup>th</sup> versus 7<sup>th</sup> edition of AJCC staging system, regarding hepatocellular carcinoma

4. 07/12/2020 - 11/12/2020 - Târgu Mureș, România

*INTERNATIONAL CONFERENCE OF PHD STUDENTS AND YOUNG DOCTORS - "G.E. Palade University of Medicine, Pharmacy, Science and Technology"*

- *The challenging issue of tumor heterogeneity in gastric cancer*

5. 06/12/2021 - 10/12/2021 - Târgu Mureș, România

*SCIENTIFIC SESSION OF UNIVERSITY ACADEMIC STAFF - "G.E. Palade University of Medicine, Pharmacy, Science and Technology"*

- *HER2 heterogeneity assessment in gastric cancer*

6. 03/09/2022 - 07/09/2022 - Basel, Elveția

**AL 34-lea CONGRES AL SOCIETĂȚII EUROPENE DE PATOLOGIE**  
**SPEAKER INVITAT**

- *Familial adenomatous polyposis in eight members of a Romanian family. A challenging diagnosis and follow-up*

7. 05/12/2022 - 07/12/2022 - Târgu Mureș, România

*INTERNATIONAL CONFERENCE OF PHD STUDENTS AND YOUNG DOCTORS -“G.E. Palade University of Medicine, Pharmacy, Science and Technology”*

- *Benefits of a systematic report for degenerative aortopathies*

8. 08/12/2022 - 09/12/2022 - Târgu Mureș, România

*SCIENTIFIC SESSION OF UNIVERSITY ACADEMIC STAFF -“G.E. Palade University of Medicine, Pharmacy, Science and Technology”*

- *Familial gastrointestinal polyposis syndrome - a rare but challenging diagnosis and therapeutic management*

9. 11/12/2023 - 15/12/2023 - Târgu Mureș, România

*INTERNATIONAL CONFERENCE OF PHD STUDENTS AND YOUNG DOCTORS -“G.E. Palade University of Medicine, Pharmacy, Science and Technology”*

- *V-set and immunoglobulin domain containing 1 (VSIG1) implications in epithelial-mesenchymal transition (EMT) in gastric cancer*

10. 01/11/2024 - 02/11/2024 - Bucharest, Romania

The 17<sup>th</sup> Course of Digestive Pathology

● **SCHOLARSHIP-**

**URI/MOBILITĂȚI/BURSE**

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1. 01/06/2017 - 30/08/2017 - Porto, Portugalia

**Mobilitate ERASMUS, Institutul de Științe Biomedicale “Abel Salazar”, Universitatea din Porto**

2. 14/11/2019 - 15/11/2019 - Seul, Korea

**AACR-KCA Joint Workshop on Precision Medicine AACR-KCA - YOUNG INVESTIGATOR SCHOLARSHIP**

3. 04/09/2022 - 07/09/2022 - Basel, Switzerland

**THE 34<sup>TH</sup> CONGRESS OF EUROPEAN SOCIETY OF PATHOLOGY - BURSIER, cu lucrarea:**

- *Novel Patterns of V-set and Immunoglobulin domain containing 1 expression in gastric cancer*

● **PROIECTE DE CERCETARE,**

**GRANTURI**

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1. 01/01/2021 - 31/12/2021 - Târgu Mureș, Romania

- **Grant nr. 10127/13/17.12.2020**, câștigat prin competiția de granturi interne organizată de Universitatea de Medicină, Farmacie, Științe și Tehnologie “GEORGE EMIL PALADE”, Târgu Mureș, România - **Importanța prognostică a tranziției epitelio-mezenchimale (TEM), examinată imunohistochimic și molecular, în corelație cu**

## statusul genei HER2 și statusul microsatelitar, în cancerul gastric.

2. 11/12/2023 - 15/12/2023 - Targu Mures, Romania

- **Premiul I de performanță pentru cel mai bine cotate articol indexat ISI, publicat în anul academic 2022/2023**, acordat de Universitatea de Medicină, Farmacie, Științe și Tehnologie "GEORGE EMIL PALADE", Târgu Mureș, România - IOSUD seria nr. 0005/13/12/2023

## ● CĂRȚI/VOLUME ÎN CĂRȚI DE SPECIALITATE

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1. Editor al versiunii în limba română - **RUBIN PATOLOGIE - MECANISMELE BOLILOR UMANE, ed. a 8-a**, 2023, Wolters-Kluwer/Hipocrate, ISBN 978-606-95178-8-8

## ● CURSURI POSTUNIVERSITARE

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1. **"ACTUALITĂȚI ÎN CITOLOGIA CERVICALĂ - SISTEMUL DE RAPORTARE BETHESDA"**, organizat în cadrul Institutului de Oncologie "Prof. Dr. Al Trestioreanu", București, Romania, 12-15 martie 2020
2. **"ACTUALITĂȚI ÎN HEMATOPATOLOGIE"**, organizat în cadrul Universității de Medicină, Farmacie, Științe și Tehnologie "GEORGE EMIL PALADE", Târgu Mureș, România, 6-8 iunie 2023

## ● COMPETENȚE

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1. **CERTIFICAT DE COMPETENȚE PSIHOPEDAGOGICE** - Tehnici de predare și evaluare în disciplinele medicale și farmaceutice, dobândit în cadrul **Centrului de Pregătire Psihopedagogică Medicofarmaceutică** - Universitatea de Medicină, Farmacie, Științe și Tehnologie "GEORGE EMIL PALADE", Târgu Mureș, România (seria CC, nr. 0009590 din 21/03/2023)