



CURRICULUM VITAE

PERSONAL INFORMATION

Name: SIMONA GURZU
Personal address:
Address: University of Medicine and Pharmacy, 38 Ghe Marinescu Street,
540193, Tîrgu-Mureş, Romania
Telephone(s):
Fax(es): -
E-mail: simonagurzu@yahoo.com
Nationality: Romanian
Date of birth: 31.07.1978
Gender: Female

DESIRED EMPLOYMENT/

OCCUPATIONAL FIELD - WORK EXPERIENCE

Dates, Occupation and positions held

Emergency Hospital of Tîrgu-Mureş, Romania, Department of Pathology

01.01.2006-01.11.2010	Resident in Pathology
01.11.2010-01.10.2014	Specialist in Pathology
01.10.2014-present	Consultant Pathologist

University of Medicine and Pharmacy, Tîrgu-Mures, Romania

2016-present	Member in the PhD studies Committee - Tirgu-Mures, Romania
2016-present	Member in the Didactic Staff Council Department - Tirgu-Mures, Romania
2015-present	Head of Pathology Department – Research Center
2015-present	Professor - Department of Pathology
2014-present	Responsible for scientific education of master students
2014-2016	Member in the Scientific Council of PhD School - Tirgu-Mures, Romania
2013-2015	Associate Professor - Department of Pathology
2013 - present	Scientific supervisor for PhD students (habilitated doctor)
2011-2013	Senior Lecturer- Department of Pathology
2006-2011	Assistant Professor (Junior Lecturer) - Department of Pathology

*National Institute of Oncology, Budapest, Hungary,
Center of Tumors and Molecular Pathology
Visiting researcher – 2006-present*

*Seoul University, Guro Hospital, Department of Pathology
Visiting researcher – 2008-2009*

*Hamamatsu University, School of Medicine, Center of Tumors, Japan
Invited Associate Professor – 2014-2015*

MEMBER IN PROFESSIONAL SOCIETIES

2016-present - *International Society for IHC and Molecular Morphology (ISIMm)*

2013-present - *European Society for Medical Oncology (ESMO)*

2006-present - *Romanian Society of Morphology and Pathology*

2006-present - *European Society of Pathology (ESP)*

Member in the ESP Working Group 6 “Digestive Diseases” – 2016-present

Member in the ESP Working Group 11 “Molecular” – 2016-present

Member in the ESP Working Group 4 “Endocrine Pathology” – 2016-present

Member in the ESP Working Group 3 “Dermatopathology” – 2016-present

Member in the ESP Working Group 15 “Soft tissue” – 2016-present

Member in the ESP Working Group 5 “Electron microscopy” – 2016-present

MAIN ACTIVITIES AND RESPONSIBILITIES

1. Research activity (Gastrointestinal Cancer, Angiogenesis, Immunohistochemistry, Molecular Biology, Tumor histogenesis, Targeted therapy)

2. Methodological knowledge: microscopy, digital picture analyzing of different quantitative pathologic techniques including immunohistochemistry, digital quantification of angiogenesis, In situ Hybridization, PCR analysis

2. Clinical diagnosis in field of GI Pathology (Histopathology, Immunohistochemistry, In situ Hybridization, PCR analysis, Gene sequencing)

3. Teaching activity: medical students-Romanian, Hungarian and English classes, PhD students, masters’ students, scientific supervisor in MD and PhD theses

4. Administrative activities (Responsible for research project management)

Field of research:

1. **gastrointestinal cancer - molecular biology (MSI, K-ras, BRAF, p53, CDH1)**
2. **targeted oncologic therapy**
3. **angiogenesis in tumor and non-tumour lesions, with digital counting**
4. **tumor histogenesis**
5. **immunohistochemistry, In Situ Hybridization (CISH and FISH)**

EDUCATION AND TRAINING

Date and place: University of Medicine and Pharmacy of Tîrgu-Mures, Romania,
Faculty of General Medicine - student (1999-2005)

Responsibilities: - students' leadership from 1st to 6th year
- teaching activity at Chair of Pathology beginning with the 5th year
- periodical articles in the journal "Viata si sanatate" ("Life and Health")
- participant at different national congresses and 13th Annual International Ain Shams Medical Students Congress, Cairo, 2005

MD thesis: *Morphological and immunohistochemical study of colorectal carcinoma*. Scientific coordinator: Prof. Dr. Jung Ioan, Head of Pathology Department of Emergency Hospital of Tîrgu-Mures, Romania – 2005

Diploma: MD (2005). University of Medicine and Pharmacy of Tîrgu-Mures

Qualification: medical doctor, resident in pathology (November 2005)

Date: University of Medicine and Pharmacy of Tîrgu-Mures, Doctoral School –
PhD student (2005-2008)

PhD thesis: *Correlation between classical and modern prognostic factors, angiogenesis and lymphangiogenesis in colorectal carcinomas*. Scientific supervisors: Prof. Dr. Jung Ioan, Head of Pathology Department and Doctoral School of University of Medicine and Pharmacy of Tîrgu-Mures, Romania and Prof. Dr. Szentirmay Zoltan, Head of Department of Pathology of National Institute of Oncology, Budapest, Hungary

Diploma: PhD (2008), graduated with "*summa cum laudae*"
Prize of '*Best Romanian PhD thesis in field of medicine*' (CNCSIS, 2010)

Qualification: MD, PhD, Doctor in Medical Science (December 2008)

Date: University of Medicine and Pharmacy of Tîrgu-Mureş, Doctoral School –
Postdoctoral researcher (2008-2013)

Habilitation thesis: *The role of molecular pathology in the targeted therapy of cancer*

Diploma: Dr. habil (2013)

Qualification: MD, PhD, Habilitated Doctor in Medical Science,
Scientific supervisor for PhD students (July 2013)

Name and type of organization providing education and training:

University of Medicine and Pharmacy of Tîrgu-Mures, Romania

Clinical County Hospital of Tîrgu-Mures, Romania

Name and Address of Employer

1. University of Medicine and Pharmacy of Tîrgu-Mures, Romania

540139 Gheorghe Marinescu 38 street, Tîrgu-Mures, Romania Tel: (40-265) 21 31 27

Fax: (40-265) 21 04 07 E-mail: rectorat@umftgm.ro, Website: <http://www.umftgm.ro>

2. Clinical County Hospital of Tîrgu-Mures, Romania
540139 Gheorghe Marinescu 50 street, Tîrgu-Mures, Romania

Type of business or sector: medical and academic (academic pathologist)

PERSONAL SKILLS AND COMPETENCE

Mother tongue: Romanian

Other languages: English (Profex Certificate in Advanced Medical English-C1)
French, Italian, Hungarian

Self assessment

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Oral presentation	Writing production
English	high level	high level	high level	high level	high level
French	high level	high level	beginner level	beginner level	beginner level
Italian	high level	beginner level	intermediate level	intermediate level	beginner level

Organisational skills and competence

Organizing scientific conferences (last two years)

1. BIT's 9th Annual World Cancer Congress. Shanghai, China. 14-16 May 2016. Program Committee and Scientific Advisory Board member.
2. 14th National Symposium of Microscopic Morphology with International Participation. 4-6 May 2016. Tîrgu-Mures, Romania.
3. Workshop for medical students "Unusual cases in the daily practice" - International Congress for students and young doctors Marisiensis. Tîrgu-Mureş, 30 March-3April 2016.
4. The 8th Annual Conference of PhD students and The 5th Conference of Postdoc Fellows in Medicine and Pharmacy. Tîrgu-Mures, 9-10 December 2015.
5. Workshop "How to improve our scientific output?" - The XVth Conference of cardiology with International participation. 9 July 2015. Tîrgu-Mures, Romania
6. Workshop for medical students "Interdisciplinary diagnostic difficulties" - International Congress for students and young doctors Marisiensis. Tîrgu-Mureş, April 2015.
7. First Euroregional Conference for PhD students and Young researchers in biomedicine. Timisoara, Romania. 27-28 March 2015.

Computer skills and competences

Competent with all Microsoft Office programmes and experience with HTML, data bases access, Graph Pad InStat, digital counting with Image G NIH's computer assisted programme, MedCalc statistical software, photoshop

ADDITIONAL INFORMATION

A. Member in Editorial Board

2016 - present – BMJ Case Reports – Indexed by PubMed
2016-present – Clinics in Oncology – Indexed by Google Scholar
2015-2017 – Cancer Translational Medicine - Wolters Kluwer- Indexed by EBSCO
2015-present - Journal of Dermatological Research – Indexed by Google Scholar
2014-present-Medicine-Lippincott-**Academic Editor**-Impact factor 2.133
2014-present – BMC Musculoskeletal Disorders – **Associate Editor** - Impact factor 1.684
2014-present – Acta Medica Marisiensis – **Associate Editor** - Indexed by EBSCO
2012-present - World Journal of Clinical Cases – Indexed by PubMed
2013-present – Edorium Journal of Pathology - Guest Editor
2013-present – Global Journal of Oncologists – Savvy Press – Indexed by Google Scholar
2010-present - Journal of Cancer Research and Experimental Oncology

B. PUBLICATIONS

Papers in extenso published in ISI journals.....	72
Papers in extenso published in BDI-indexed journals.....	25
Other papers published in extenso	19
Papers in abstract published in ISI journals.....	58
Papers in abstract published and presented at international conferences.....	40
Papers in abstract published and presented at national conferences.....	108
Books and chapters published in books	18
<i>Factor impact in extenso</i>	123.31
<i>Influence score in extenso</i>	78.79
<i>Factor impact abstracts</i>	153.51
<i>Influence score abstracts</i>	74.68
<i>Citations</i>	356 (Google Scholar)
<i>Hirsh-index</i>	11 (Google Scholar)

C. SCIENTIFIC PROJECTS

C.1. HEAD/TEAM COORDINATOR - NATIONAL GRANTS

1. **2014-2016** - UMFTGM-PO-CC-02-F01: Molecular particularities of early-staged and advanced-gastric cancer, emphasized in surgical and biopsic specimens of patients from Eastern Europe and Japan
2. **2014-2016** - PN-II-ID-PCCE-2011-2-0036: Stem cell seeded collagen scaffolds for heart valve replacement; cod PN-II-ID-PCCE-2011-2-0036. Coordinator of the team of Pathology
3. **2012-2013** - Unesco-L'Oreal: Initiation of targeted therapy in Romanian patients diagnosed with colorectal cancer. National fellowship
4. **2010-2012** - PD, 504/2010, UEFISCDI: Molecular classification of colorectal cancers and testing of K-ras mutations, mandatory for targeted therapy
5. **2008** - TD, 355/2008, CNCSIS – The correlation between prognostic and predictive factors, angiogenesis, lymphangiogenesis and microsatellite instability in colorectal carcinomas
6. **2008** - MC, 85/2008, CNCSIS - The CD31, Endoglin and VEGF expression in non-metastatic colorectal carcinomas
7. **2007** - MD, 33/2007, CNCSIS: Angiogenesis and lymphangiogenesis in colorectal tumors
8. **2007** - TD, 550/2007, CNCSIS: Classical and modern prognostic factors in colorectal carcinomas

C.2. MEMBER IN INTERNATIONAL GRANTS

1. **2008-2009 – Romania-South Korea:** 09/2008, ANCS: Angiogenesis in acute respiratory distress syndrome
2. **2008-2009 - Romania-Hungary, Pecs:** 06/2008, ANCS: Mena immunoexpression in benign, premalignant and malignant epithelial lesions. NEOMENA.
3. **2008-2009 - Romania-Hungary, Budapest:** 07/2008, ANCS: Molecular classification of carcinomas and lymphomas using genetic methods in order to anticipate the results of treatment and to make an individualizing oncotherapy. NEOLIME.

C.3. MEMBER IN NATIONAL GRANTS

1. **2015-2016** - Biosintex SRL. 11379/2015. Analysis of clinical and paraclinical parameters used for improvement of diagnostic and therapeutical management of patients with coxartrosis.
2. **2015-2016** - PN-II-ID-PCE-2012-4-0133 „Neuroprotection and angiogenesis: new molecular factors and delivery systems with potential therapeutic application”.
3. **2014-2016** - POS 2013. Foundation of the Advanced Research Center in field of Pharmaceutical and Medical Research, at University of Medicine and Pharmacy of Tirgu-Mures, Romania. CCAMEF.

4. **2014-2015** - POSDRU/159/1.5/S/136893. Identification of the particularities of hereditary and sporadic diffuse gastric cancer through molecular and immunohistochemical examinations. Mentor.
5. **2014-2015** - Treepharm S.A. 1699/2014. The advantages and disadvantages of the ligasure term techniques.
6. **2013-2015** - POS-UMFTGM-CC-13-01-V01, 15/2013 – Standardization of multimodal therapy of gastric cancer, correlating the sentinel node status with the surgical technique and HER-2 gene amplification
7. **2010-2013** - POSDRU/89/1.5/S/60782
8. **2008-2011** - 136/2008, CNCSIS: Mechanisms of cellular signaling implied in angiogenesis induced by Acute Respiratory Distress Syndrome (ARDS).
9. **2008-2011** - 1173/2009, CNCSIS: Pathogenic mechanisms implied in developing of insulin resistance appeared in infection with Hepatitis C virus. HEPINS.
10. **2007-2008** - 41 GR/2007, CNCSIS: Evaluation of metastasis from sentinel lymph node of breast carcinomas through interdisciplinary and multicentric studies in order to develop a new staging and new treatment
11. **2007-2008** - CP-I/13.09.2007, ANCS: Standardization of european detection and early diagnosis of cervical carcinoma and premalignant cervical lesions. EUROGYNPAT
12. **2007-2010** - **Partnership** between Universities of Medicine and Pharmacy of Targu-Mures and Timisoara, Romania. 41-054/2007, ANCS: Prognostic and therapeutic value of tumoral lymphangiogenesis. Anatomico-clinic and experimental study in solid malignant tumors.
13. **2007-2008** - 227/2006, CEEEX: Modern methods in diagnosis and research, immunohistochemistry, molecular biology and quality control. MEMODIC.

D. PROFESSIONAL SCIENTIFIC AWARDS

F.1. INTERNATIONAL AWARDS (last two years)

1. **UEG** (United European Gastroenterology) - Selected participant (travel bursary) at the UEG Basic Science Course – 30 June – 2 July 2016, Munich, Germany
2. **ESMO** (European Society of Medical Oncology) – Selected participant (travel bursary) at the ESMO Preceptorship on gastric cancer – 10-11 June 2016, Prague, Czech Republic.
3. **„ESMO travel grant”** - (European Society of Medical Oncology) - December 2015
4. **“ESP bursary for East European country members”** - (European Society of Pathology) - September 2015

F.2. NATIONAL AWARDS (last two years)

1. **Gurzu S. *The highest impact factor of the year 2015*** (23.21), from University of Medicine and Pharmacy, Tirgu-Mures, Romania. 11 of December, 2015.
2. ***ISI-awarded manuscript*** - Gurzu S, Jung I, Kadar Z. Aberrant metastatic behavior and particular features of early gastric cancer. *APMIS*. 2015. 123(12):999-1006. UEFISCDI code PN-II-RU-PRECISI-2015-9-10158. 2000 lei.
3. ***ISI-awarded manuscript*** - Gurzu S, Kadar Z, Sugimura H, Bara T, Bara T jr., Halmaciu I, Jung I. Gastric cancer in young versus old Romanian patients: immunoprofile with emphasis on maspin and mena protein reactivity. *APMIS*. 2015. 123(3):223-233. UEFISCDI code PN-II-RU-PRECISI-2015-9-9436.
4. ***ISI-awarded manuscript*** - Gurzu S, Ciortea D, Tamasi A, Golea M, Bodi A, Sahlean DI, Kovacs A, Jung I. The immunohistochemical profile of granular cell (Abrikossoff) tumor suggests an endomesenchymal origin. *Archives of Dermatological Research*. 2015. 307(2):151-157. UEFISCDI code PN-II-RU-PRECISI-2015-9-9746.
5. ***ISI-awarded manuscript*** - Gurzu S, Jung I, Contac AO, Turcu M, Tudor A. Atypical hepatocellular neoplasm with peliosis in cirrhotic liver vs. hepatocellular carcinoma: a diagnostic trap. *Medicine (Baltimore)*. 2015. 94(29):e1189. UEFISCDI code PN-II-RU-PRECISI-2015-9-9737.
6. ***ISI-awarded manuscript*** - Jung I, Gurzu S, Balasa R, Motataianu A, Contac AO, Halmaciu I, Popescu S, Simu I. A coin-like peripheral small cell lung carcinoma associated with acute paraneoplastic axonal Guillain-Barre-like syndrome. *Medicine (Baltimore)*. 2015. 94(22):e910. UEFISCDI code PN-II-RU-PRECISI-2015-9-9728.
7. ***ISI-awarded manuscript*** - Derzsi Z, Nagy O, Gozar H, Gurzu S, Pop TS. Kite's vs. Ponseti's method in the treatment of 235 feet with idiopathic clubfoot – results of a single Romanian medical center. *Medicine (Baltimore)*. 2015. 94(33):e1379. UEFISCDI code PN-II-RU-PRECISI-2015-9-9593.

E. REVIEWER (last year)

- 2016** - Medicine. Impact factor 2.133 – **academic editor**
- Oncotarget. Impact factor 5.008
 - Osteoarthritis and cartilage. Impact factor 4.535
 - BMC Cancer. Impact factor 3.265
 - European Journal of Gastroenterology and Hepatology. Impact factor 2.093
 - Veterinary Pathology – 2.12
 - Journal of Thoracic Disease. Impact factor 1.649
 - Gastroenterology Research and Practice. Impact factor 1.742
 - Oncology Letters. Impact factor 1.482
 - Pathology Research and Practice. Impact factor 1.388
 - World Journal of Pediatrics. Impact factor 1.025
 - BMJ Case Reports. Indexed by PubMed
 - Hepatobiliary Surgery and Nutrition. Indexed by PubMed
 - World Journal of Gastrointestinal Oncology. Indexed by PubMed
 - World Journal of Obstetrics and Gynecology
 - SAJ Cancer Science

F. INVITED SPEAKER – NATIONAL AND INTERNATIONAL CONFERENCES

F.1. INTERNATIONAL CONFERENCES (last two years)

1. **Gurzu S**, Tugui D, Sugimura H, Orlowska J, Jung I. Gastric Cancer: Molecular and Histogenetic Particularities in Western and Eastern Countries. BIT's 9th Annual World Cancer Congress. Shanghai, China. 14-16 May 2016.
2. **Gurzu S**, Bara T, Bara T Jr., Jung I. Early gastric cancer: Diagnostic and therapeutic difficulties. 20th World Congress on Advances in Oncology and 18th International Symposium on Molecular Medicine. 8-10 October 2015. Athens-Greece.
3. **Gurzu S**, Sugimura H, Orlowska J, Jung I. Gastric cancer – an update. The 6th Romanian-Jordanian Congress of Medicine and Pharmacy. Tirgu-Mures, Romania, 21-23 May 2015.

F.2. NATIONAL CONFERENCES (last two years)

1. Gurzu S, Jung I, Bara T, Bara T Jr., Orlowska J, Szederjesi J, Kadar Z, Szentirmay Z, Sugimura H. Recent progress in geographic-related histologic and molecular profile of gastric cancer. Keynote lecture. 14th National Symposium of Microscopic Morphology with International Participation. 4-6 May 2016. Tirgu-Mures, Romania..
2. The 1st National Conference of Thoraco-Pulmonary Echography and pleural pathology. Immunohistochemistry of pleural tumors versus reactive lesions. Tirgu Mureş, Romania. 24-26 March 2016.
3. Workshop „Chirurgia fara ligaturi”. Modificari microscopice ale tesuturilor indepartate cu Ligasure (Microscopic features of tissues removal the Ligasure technique). Tirgu Mureş, 20 November 2015.
4. **Gurzu S**. Iatrogenic lesions in interventional cardiology – anatomopathologist point of view. The XVth Conference of cardiology with International participation. 6-11 July 2015. Tîrgu-Mures, Romania.

Date,
23.07.2016

Signature,
Prof. Dr. Habil. Simona Gurzu