

PERSONAL INFORMATION

Felix-Barna Bende



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Sex Male | Date of birth 03/11/1987 | Nationality Romanian

WORK EXPERIENCE

2018–Present

Assistant Professor

"Victor Babes" University of Medicine and Pharmacy Timisoara, Timisoara (Romania)

01/01/2017–Present

Specialist in Gastroenterology and Hepatology

Emergency County Hospital "Pius Branzeu" Timisoara, Timisoara (Romania)

2014–2018

PhD Thesis

University of Medicine and Pharmacy "Victor Babeș" Timișoara, Timișoara (Romania)

01/01/2013–31/12/2016

Resident physician in Gastroenterology and Hepatology

Emergency County Hospital "Pius Branzeu" Timisoara  
iosif bulbuca nr. 10, Timișoara (Romania)

EDUCATION AND TRAINING

2006–2012

Doctor Medic

University of Medicine and Pharmacy "Victor Babeș" Timișoara  
Piața Eftimie Murgu Nr. 2, 300041 Timișoara (Romania)

General Medicine

2002–2006

Highschool Diploma

Colegiul Național "Iancu de Hunedoara"  
Str. Victoriei, 12, 331057 Hunedoara (Romania)

PERSONAL SKILLS

Mother tongue(s)

Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	A2	A2	A2	A2	A2
German	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills

Communicative, social dynamics, organizational skills and teamwork, stress resistance.

Organisational / managerial skills

- Organization of scientific events (conferences, seminars, workshops ), coordinating scientific activities, student teaching. Being a member of Medical Students Society, Timisoara, we have been actively involved in organizing numerous congresses and student projects ( Medis, Doctor for a Day, Medical View of Car Accidents, Medical Education Day ).
- Also, during fellowship and afterward, I was a member of the organizing committee of different national and European congresses and conferences (Romanian National Congress of Gastroenterology and Hepatology, Romanian National Congress of Ultrasound, EUROSON courses on liver elastography and contrast-enhanced ultrasound, Central European Congress of Gastroenterology, etc.).
- Member of approved internal grants of the University of Medicine and Pharmacy "Victor Babes" Timisoara

Job-related skills

Abdominal ultrasound, Interventional ultrasound, Contrast-enhanced ultrasound, elastography based ultrasound applications, diagnostic and therapeutic digestive endoscopy, HVPG measurements

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Computerized processing of data using specific software , the use of databases  
Microsoft Office™ (Word™, Excel™, PowerPoint™), Epi Info, MedCalc.

Other skills

Graduation volunteer training program UPU - SMURD , 22 March to 16 May 2010 , Timisoara

Driving licence

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ADDITIONAL INFORMATION

Active participation in National and International Congresses and Training

- EUROSON School Course- Up to Date in Liver Elastography, 18-19 November 2016, Timisoara, Romania
- 28th EUROSON Congress of EFSUMB, 26-29 October 2016, Leipzig, Germany
- 24th UEG Week, 15-19 October 2016, Vienna, Austria
- Scoala Nationala de Vara de Gastroenterologie si Hepatologie, 30 Iunie- 2 Iulie 2016, Ramnicu-Valcea, Romania
- A XIX-a Conferinta a Societatii Romane de Ultrasonografie in Medicina si Biologie, 22-23 Iunie, Craiova, Romania
- Al XXXVI-lea Congres de Gastroenterologie, Hepatologie si Endoscopie Digestiva, 8-11 Iunie, Cluj-Napoca, Romania
- Digestive Disease Week, 21-24 May 2016, San Diego, California
- 3rd UpDate on Hepatology Course, 28-29 April 2016, Bucharest, Romania
- European Congress of Radiology, 2-6 March 2016, Vienna, Austria
- 27th Congress of EFSUMB, 6-8 November 2015, Athens, Greece
- 23th UEG Week, 24-28 October 2015, Barcelona, Spain
- Scoala Natională de Vara de Gastroenterologie si Hepatologie Paltinis 2015, 1-4 Iulie 2015, Păltiniș, România
- Al XXXV-lea Congres Național de Gastroenterologie, Hepatologie și Endoscopie Digestivă, 10- 13 iunie 2015, Iasi, Romania

World Federation for Ultrasound in Medicine and Biology (WFUMB) World Congress/ American Institute of Ultrasound in Medicine Annual Convention, 21-25 Martie 2015, Lake Buena Vista, Florida, SUA

Digestive Endoscopy Cluj 2014 Workshop, 9- 11 octombrie 2014, Cluj- Napoca, Romania

Școala Națională de Vară - 16-21 iunie 2014, Șuior, Maramureș, România

Al XXXIV-lea Congres Național de Gastroenterologie, Hepatologie și Endoscopie Digestivă, 11-14 iunie 2014, Oradea, România

United European Gastroenterology Trainee Course - Summer School, 5-8 iunie 2014, Praga, Cehia

A XVII-a Conferință Națională a Societății Române de Ultrasonografie în Medicină și Biologie, 15-17 mai 2014, Timișoara, România

Euroson School Interventional Ultrasound, 10-12 aprilie 2014, Berlin, Germania

Postgraduate Endoscopy Hands-on Workshop, 20-21 martie 2014, Craiova, România

Digestive Endoscopy Workshop, 21-23 noiembrie 2013, Cluj- Napoca, România

Al XXXIII lea Congres Național de Gastroenterologie, Hepatologie și Endoscopie Digestivă, 12-15 iunie 2013, Timișoara, România

United European Gastroenterology Trainee Course - Summer School, 6-9 iunie 2013 Praga, Cehia

National and International Scholarships

- Bursa doctorala POSDRU 155631, 2015 (iulie-decembrie)
- One month of training at Hemodynamic Laboratory, Hospital Clinic, Barcelona, Spain, supervised by Professor Dr. Juan Carlos Garcia-Pagan. 13 November - 11 December 2015
- IFMSA Professional Exchange Programme, KB DUBRAVA Hospital, 1-31 iulie 2011, Zagreb, Croatia.

Postgraduate courses

2014 - Medical Biostatistics

Member of

Romanian Society of Gastroenterology and Hepatology  
 Romanian Society of Ultrasound in Medicine and Biology  
 European Federation of Societies for Ultrasound in Medicine and Biology  
 World Federation for Ultrasound in Medicine and Biology  
 Medical Students' Society , Timișoara (2009 - 2012)

Scientific Papers

Published articles in ISI IF Journals:

- 1. Assessing Liver Stiffness by 2-D Shear Wave Elastography in a Healthy Cohort . F. Bende, A. Mulabecirovic, I. Sporea, A. Popescu, R. Sirli, O-H. Giljia, M. Vesterhus, R. Havre. Ultrasound in Medicine & Biology December 2017 DOI: 10.1016/j.ultrasmedbio.2017.10.013. IF: 2.494.**
- 2. Performance of 2D-SWE.GE for predicting different stages of liver fibrosis, using Transient Elastography as the reference method . F. Bende, I. Sporea, R. Sirli, A. Popescu, R. Mare, B. Miutescu, R. Lupusoru, T. Moga, C. Pienar. Medical ultrasonography February 2017 DOI: 10.11152/mu-910 . IF: 1.167.**
- 3. Intra- and Inter-Observer Reproducibility of a 2-D Shear Wave Elastography Technique and the Impact of Ultrasound Experience in Achieving Reliable Data . T. Moga, AM Stepan, C. Pienar, F. Bende , A. Popescu, R. Sirli, M. Danila, I. Sporea. Ultrasound in Medicine & Biology , May 2018 DOI: 10.1016/j.ultrasmedbio.2018.03.029**
- 4. Comparative study between four ultrasound Shear Waves Elastographic methods for liver fibrosis assessment. I. Sporea, R. Mare, R. Lupusoru, A. Popescu, M. Danila, F. Bende , R. Sirli. Medical ultrasonography, April 2018 DOI: 10.11152/mu-1487.**
- 5. Are there different cut-off values for staging liver fibrosis using 2D-SWE implemented on different systems from the same manufacturer? I. Sporea, F. Bende, A. Popescu, R. Lupusoru, R. Fofiu, R. Sirli. Medical ultrasonography, December 2019, DOI: [10.11152/mu-2225](https://doi.org/10.11152/mu-2225)**

Proceedings:

- 1.Optimal number of valid measurements for the assessment of liver stiffness using 2D-**

- SWE.GE. F. Bende**, I. Sporea, R. Sirli, A. Popescu, M. Danila, R. Mare, R. Lupusoru. *Ultraschall in der Medizin* 37(S 01) August 2016 DOI: 10.1055/s-0036-1587858. IF: 4.434.
- 2.Comparative study between two 2D-Shear Waves Elastography techniques for the assessment of liver stiffness: 2D-SWE.SSI vs. 2D-SWE.GE. F. Bende**, I. Sporea, A. Popescu, M. Danila, R. Mare, R. Lupusoru. *Ultraschall in der Medizin* 37(S 01) August 2016 DOI: 10.1055/s-0036-1587856. IF: 4.434.
- 3.Value of 2D-SWE.GE for the Assessment of Liver Stiffness in Advanced Liver Fibrosis. F. Bende**, A. Popescu, R. Sirli, R. Lupusoru, R. Mare, A-M. Stepan, I. Sporea. *Gastroenterology* 150(4):S1064 April 2016 DOI: 10.1016/S0016-5085(16)33590-9 IF: 4.494
- 4.How many valid measurements are necessary to assess liver stiffness using 2D-SWE.GE?. F. Bende**, I. Sporea, A. Popescu, R. Sirli, R. Mare, R. Lupusoru. *Insights into Imaging* (ISSN: 1869-4101) Volume 7, Issue 1 Supplement, March 2016.
- 5. The Value of Elastpq to Rule in and Rule Out HCV Liver Cirrhosis. F. Bende**, I. Sporea, R. Mare, A. Popescu, R. Sirli, M. Danila, R. Fofiu, B. Miutescu. *Gastroenterology* 154(6):S-1188 May 2018 DOI: 10.1016/S0016-5085(18)33928-3.
- 6.Prospective comparison of noninvasive techniques for the assessment of liver stiffness in a cohort of compensated HCV liver cirrhosis. R. Lupusoru, I. Sporea, R. Sirli, A. Popescu, M. Danila, AM Stepan, R. Mare, F. Bende**. *Ultraschall in der Medizin* 37(S 01) August 2016 DOI: 10.1055/s-0036-1587857. IF: 4.434
- 7.A new diagnosis tool for the evaluation of liver fibrosis: Parametric Arrival Time imaging (PAT). R. Lupusoru, I. Sporea, A. Popescu, R. Sirli, M. Danila, TV Moga, F. Bende**. *Ultraschall in der Medizin* 37(S 01) August 2016 DOI: 10.1055/s-0036-1587830. IF: 4.434
- 8.Comparison of four elastographic methods for the assessment of liver stiffness in compensated HCV liver cirrhosis. I. Sporea, F. Bende, R. Sirli, A. Popescu, M. Danila, R. Mare, AM Stean R. Lupusoru**. *Ultraschall in der Medizin* 37(S 01) August 2016 DOI: 10.1055/s-0036-1587862. IF: 4.434
- 9.The Value of ElastPQ for the Evaluation of Liver Fibrosis in Patients with B and C Chronic Hepatopathies. R. Mare, I. Sporea, A. Popescu, R. Sirli, M. Danila, AM Stepan, R. Lupusoru, F. Bende**. *Ultraschall in der Medizin* 37(S 01) August 2016 DOI: 10.1055/s-0036-1587977. IF: 4.434
- 10.The influence of food intake on liver stiffness measurements obtained by two 2D-SWE methods. A. Popescu, R. Lupusoru, F. Bende, R. Mare, R. Sirli, M. Danila, TV Moga, C. Pienar, AM Stepan, I. Sporea**. *Ultraschall in der Medizin* 37(S 01) August 2016 DOI: 10.1055/s-0036-1587861. IF: 4.434
- 11.Ultrasound aspects in acute pancreatitis. C. Ciocea, M. Danila, A. Popescu, F. Bende, R. Sirli, I. Sporea**. *Ultraschall in der Medizin* 37(S 01) August 2016 DOI: 10.1055/s-0036-1587921. IF: 4.434
- 12.Which elastographic method is more feasible in assessing spleen stiffness in patients with HCV compensated liver cirrhosis? AM Stepan, M. Danila, R. Sirli, A. Popescu, R. Mare, F. Bende, A. Pascaru, I. Sporea**. *Ultraschall in der Medizin* 37(S 01) August 2016 DOI: 10.1055/s-0036-1587859. IF: 4.434
- 13.The performance of 2D SWE.GE compared to transient elastography for the evaluation of liver stiffness. I. Sporea, F. Bende, R. Sirli, A. Popescu, M. Danila, R. Mare, AM Stepan, R. Lupusoru**. *Ultraschall in der Medizin* 37(S 01) August 2016 DOI: 10.1055/s-0036-1587806. IF: 4.434
- 14.Ultrasound Based Elastographic Methods for the Prediction of Esophageal Varices in Liver Cirrhosis. A. Popescu, I. Sporea, R. Lupusoru, AM Stepan, R. Sirli, M. Danila, TV Moga, C. Pienar, R. Mare, F. Bende**. *Gastroenterology* 150(4):S1168 April 2016 DOI: 10.1016/S0016-5085(16)33945-2. IF: 4.494
- 15.The Quality of Liver Tissue Specimen in Echo-Assisted Liver Biopsy. I. Sporea, F. Bende, R. Sirli, A. Popescu, S. Nistorescu**. *Ultrasound in Medicine & Biology* 41(4):S170 April 2015 DOI: 10.1016/j.ultrasmedbio.2014.12.648. IF: 2.2
- 16.20 Years Experience of Percutaneous Echo-Assisted Liver Biopsy Using Menghini Modified Needles. I. Sporea, F. Bende, A. Popescu, R. Sirli, R. Mare**. *Gastroenterology* 148(4):S-1005 April 2015 DOI: 10.1016/S0016-5085(15)33430-2. IF: 4.494
- 17.Liver stiffness measurements by means of Supersonic Shear IMAGING (SSI) should be performed in fasting condition or not? A. Popescu, O. Gradinaru- Tascu, S. Bota, M. Popescu, R. Sirli, M. Danila, F. Motiu, M. Szilasky, TV Moga, F. Bende, C. Popescu, Ioan Sporea**. *Ultraschall in der Medizin* 34(S 01) October 2013 DOI: 10.1055/s-0033-1355087. IF: 4.434
- 18. Severity pattern of recurrent acute pancreatitis. Is it stable? I. Sporea, F.Bende, A. Popescu, R. Sirli, R. Pleava**. *United European Gastroenterology Journal* October 2015 3: 146-687,

doi:10.1177/2050640615601623. IF: 2.26.

**19. Intra and interobserver reproducibility of Point Shear Wave Elastography using Arfi technique –ElastPq.** I. Sporea, **F. Bende**, A. Popescu, R. Mare, O. Gradinaru-Tascau, R. Sirli. United European Gastroenterology Journal October 2015 3: 146-687, doi:10.1177/2050640615601623. IF: 2.26.

**20. The Value of Ultrasound Based Elastographic Methods for Ruling Out the Presence of Esophageal Varices in Liver Cirrhotic Patients** . A. Popescu, I. Sporea, R. Lupusoru, AM Stepan, R. Sirli, M. Danila, T. Moga, C. Pienar, R. Mare, F. Bende. Gastroenterology 154(6):S-1250, May 2018 DOI: 10.1016/S0016-5085(18)34106-4.

etc.

**Books** Co-author of E-book:

Hepatic Elastography Using Ultrasound Waves Revised Edition of Volume 1. Bentham E-Books 2016. eISBN: 978-1-68108-401-5, 2016

- Awards**
- Young Investigator Award at The World Congress for Ultrasound WFUMB 2019 Melbourne for the paper "*2D-SHEAR WAVE ELASTOGRAPHY OF THE SPLEEN - A NONINVASIVE MARKER FOR PREDICTING HIGH RISK VARICES IN PATIENTS WITH COMPENSATED LIVER CIRRHOSIS*"
  - Best poster presentation award at SRUMB Conference Cluj-Napoca 2017 for the paper „*Assessing Liver Stiffness by 2D-Shear Wave Elastography in a Healthy Cohort*”
  - Second prize at 4<sup>th</sup> UpDate in Hepatology, Bucharest 2017 for the paper "*How to improve the reliability of liver fibrosis evaluation using 2D-SWE-GE*"
  - UEG travel grant for UEGW Viena 2016 for the paper "*Comparative study between two 2D-Shear Waves Elastography techniques for the assessment of Liver Stiffness: 2D-SWE.SSI and 2D-SWE.GE*"
  - Poster presentation prize at the 2016 Scientific Session of UMFT PhD School and The Romanian Academy of Medical Science for the paper „*Performance of 2D-SWE-GE for predicting different stages of liver fibrosis, using Transient Elastography as the reference method*".
  - Presentation prize at the 2017 Scientific Session of UMFT PhD School and The Romanian Academy of Medical Science for the paper „*Assessing Liver Stiffness by 2D-Shear Wave Elastography in a Healthy Cohort*".