

INFORMAȚII PERSONALE

Feier Horea Bogdan



POZITIE ACTUALA

- 2025 Profesor Universitar dr. habil, UMF "Victor Babes", Timisoara
- 2012 - prezent Medic primar chirurg cardiovascular, Institutul de Boli Cardiovasculare, Timisoara

PARCURS UNIVERSITAR

- 2025 Profesor universitar dr. habil, UMF "Victor Babes", Timisoara
- 2023 Abilitare in domeniul *Studii Universitare de Doctorat Medicina*, conform O.M 6589/01.11.2023
- 2019 - prezent Conferentiar universitar, UMF "Victor Babes", Timisoara
- 2013- 2019 Sef de lucrari, UMF "Victor Babes", Timisoara
- 2004-2010 Doctor in Medicina, ordin MECS nr. 4387/06.06.2011
- 2004-2013 Asistent universitar, UMF "Victor Babes", Timisoara

FORMARE SI EXPERIENTA PROFESIONALA

- 2017 Medic primar chirurg cardiovascular, Spitalul Monza, Bucuresti
- 2015 Clinical Fellow, Rhoen Klinikum Bad Neustadt (Prof Diegeler, Dr. Perier)
- 2015 Medic primar chirurg cardiovascular Spitalul Universitar Homburg, Germania
- 2012- prezent Medic primar chirurg cardiovascular, Institutul de Boli Cardiovasculare, Timisoara
- 2007- 2012 Medic specialist chirurg cardiovascular, Institutul de Boli Cardiovasculare, Timisoara
- 2005-2007 Medic rezident chirurg cardiovascular, Institutul de Boli Cardiovasculare, Timisoara
- 2004-2005 Medic rezident, chirurgie cardiaca pediatrica, Spitalul "La Timone", Marsilia
- 2003-2004 Medic rezident chirurg cardiovascular, Institutul de Boli Cardiovasculare, Timisoara
- 2001-2003 Medic rezident, chirurgie cardiaca, Spitalul "La Timone", Marsilia
- 2001 Cercetator, Facultatea Aix-Marseille, Franta
- 2000 Medic rezident chirurgie generala, Spitalul Judetean, Timisoara

DOMENII DE INTERES

Chirurgie mitrala toracoscopica
Tratamentul hibrid al anevrismelor aortice
Proceduri valvulare micro-invazive (TAVI) si minim-invazive

EDUCAȚIE ȘI FORMARE

1992-1999 Studii medicale, diploma de licenta MEN nr.552/01.02.1999
UMF “Victor Babes”, Timisoara
1988-1992 Liceu, diploma de bacalaureat MEN Seria J/148979
Liceul “Nikolaus Lenau”, Timisoara

CURSURI PROFESIONALE

2024 “Medtronic TAVI Team Approach”, Istanbul, Turcia
2023 “Boston Scientific TAVI Training Session”, Frankfurt, Germania
2013 “European Masterclass in Arterial Revascularization for Coronary Bypass Grafting”, 01-03 februarie 2013, Oxford, UK
2012 “Heartlab” Workshop, 28 noiembrie- 01 decembrie, Zurich, Elvetia
2011 Curs postuniversitar de chirurgie cardiaca a adultului, 01 octombrie, Lisabona, Portugalia
2010 Curs postuniversitar de chirurgie cardiaca a adultului, 12 septembrie, Geneva, Elvetia
2009 Curs postuniversitar de chirurgie cardiaca a adultului, 18 octombrie, Viena, Austria
2008 Curs postuniversitar de chirurgie cardiaca a adultului, 14 septembrie, Lisabona, Portugalia
2007 Curs postuniversitar de chirurgie cardiaca a adultului, 16 septembrie, Geneva, Elvetia

COMPETENTE PERSONALE

Limba(i) maternă(e) Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	C2	C2	C1	C1	C2
CAMBRIDGE PROFICIENCY EXAM (CPE) GRADE B					
Franceza	C2	C2	C2	C2	C2
Germana	C2	C2	C1	C1	C2

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat

Cadrul european comun de referință pentru limbi străine

Aptitudini si competente personale

- Capacitate de analiza, decizie si executie in cadrul activitatii specifice chirurgicale cardiovasculare
- Rigurozitate, responsabilitate, autoinstruire si invatare continua, bune abilitati comunicative in cadrul muncii in echipa
- Profesionalism si daruire

Competențe informatice

- o bună cunoaștere a instrumentelor Microsoft Office™ precum si Apple iWork
- Stata™, ca program statistic preferat
- Linux, MacOSX™, iPad

Alte competențe

- Fotografie

Permis de conducere

- Categoria B

Publicații în Reviste ISI

1. Șoșdean R, Dănilă MD, Ionică LN, Pescariu AS, Mircea M, Ionac A, Momoș C, Luca CT, **Feier HB**, Muntean DM, Sturza A. *Monoamine Oxidase Contributes to Valvular Oxidative Stress: A Prospective Observational Pilot Study in Patients with Severe Mitral Regurgitation*. Int J Mol Sci. 2024 Sep 25;25(19). doi: 10.3390/ijms251910307. PubMed PMID: 39408637; PubMed Central PMCID: PMC11477003.
2. Braescu L, Sturza A, Șoșdean R, Aburel OM, Lazar MA, Muntean D, Luca CT, Brie DM, **Feier H**, Crisan S, Mornos C. *Echocardiographic assessment of epicardial adipose tissue thickness as independent predictor in coronary artery disease*. Can J Physiol Pharmacol. 2024 Sep 3; . doi: 10.1139/cjpp-2024-0188. [Epub ahead of print] PubMed PMID: 39226407.
3. Grigorescu AE, Anghel A, Koch C, Horhat FG, Savescu D, **Feier H**. *Von Willebrand Factor Dynamics in Patients with Aortic Stenosis Undergoing Surgical and Transcatheter Valve Replacement*. Life (Basel). 2024 Jul 25;14(8). doi: 10.3390/life14080934. PubMed PMID: 39202676; PubMed Central PMCID: PMC11355308.
4. Ionică LN, Buriman DG, Lința AV, Șoșdean R, Lascu A, Streian CG, **Feier HB**, Petrescu L, Mozoș IM, Sturza A, Muntean DM. *Empagliflozin and dapagliflozin decreased atrial monoamine oxidase expression and alleviated oxidative stress in overweight non-diabetic cardiac patients*. Mol Cell Biochem. 2024 Jul 23; . doi: 10.1007/s11010-024-05076-z. [Epub ahead of print] PubMed PMID: 39042348.
5. Grigorescu AE, Anghel A, **Feier H**. *Successful Interventional Endovascular Management of Ruptured Penetrating Aortic Ulcer with Associated Enormous Right Pleural False Aneurysm*. Clin Pract. 2024 Apr 17;14(2):619-628. doi: 10.3390/clinpract14020049. PubMed PMID: 38666807; PubMed Central PMCID: PMC11049587.
6. Braescu L, Sturza A, Aburel OM, Șoșdean R, Muntean D, Luca CT, Brie DM, **Feier H**, Crisan S, Mornos C. *Assessing the Relationship between Indexed Epicardial Adipose Tissue Thickness, Oxidative Stress in Adipocytes, and Coronary Artery Disease Complexity in Open-Heart Surgery Patients*. Medicina (Kaunas). 2024 Jan 19;60(1). doi: 10.3390/medicina60010177. PubMed PMID: 38276055; PubMed Central PMCID: PMC10818352.
7. Grigorescu AE, Anghel A, Buriman DG, **Feier H**. *Acquired Von Willebrand Factor Deficiency at Patient-Prosthesis Mismatch after AVR Procedure—A Narrative Review*. Medicina (Kaunas). 2023 May 16;59(5). doi: 10.3390/medicina59050954. Review. PubMed PMID: 37241186; PubMed Central PMCID: PMC10220691.
8. Popovici M, Ursoniu S, **Feier H**, Mocan M, Tomulescu OMG, Kundhani NR, Valcovici M, Dragan SR. *Benefits of Using Smartphones and Other Digital Methods in Achieving Better Cardiac Rehabilitation Goals: A Systematic Review and Meta-Analysis*. Med Sci Monit. 2023 May 5;29:e939132. doi: 10.12659/MSM.939132. PubMed PMID: 37143317; PubMed Central PMCID: PMC10167866.
9. **Feier H**, Grigorescu A, Braescu L, Falnita L, Sintean M, Luca CT, Mocan M. *Systematic innominate artery cannulation strategy in acute type a aortic dissection: better perfusion, better results*. J Clin Med. 2023 Apr 13;12(8):2851. doi:10.3390/jcm12082851. <https://www.mdpi.com/2077-0383/12/8/2851>
10. **Feier H**, Mocan M, Grigorescu A, Falnita L, Gaspar M, Luca CT. *Patient-prosthesis mismatch in contemporary small-size mechanical prostheses does not impact survival at 10 years*. J Cardiovasc Dev Dis. 2022 Jan 31;9(2):48. doi: 10.3390/jcdd9020048. <https://www.mdpi.com/2308-3425/9/2/48>
11. **Feier H**, Grigorescu A, Falnita L, Rachita O, Gaspar M, Luca CT. *Long-term results (up to 20 years) of 19 mm or smaller prostheses in the aortic position. does size matter? A propensity-matched survival analysis*. J Clin Med. 2021 May 11;10(10):2055. doi: 10.3390/jcm10102055. <https://www.mdpi.com/2077-0383/10/10/2055>
12. **Feier H**, Cozma D, Sintean M, Deutsch P, Ursoniu S, Gaspar M, Mornos C. *How much malperfusion is too much in acute Type A aortic dissections?* J Clin Med. 2019 Mar 4;8(3):304. doi: 10.3390/jcm8030304. <https://www.mdpi.com/2077-0383/8/3/304>
13. **Feier H**, Cioata D, Teodorescu-Branzeu D, Gaspar M. *Coronary ostial stenosis in a young patient*. Circulation. 2012 Feb 21;125(7):e367-8. doi: 10.1161/CIRCULATIONAHA.111.069583. <https://www.ahajournals.org/doi/10.1161/CIRCULATIONAHA.111.069583>
14. Mocan B, Mocan M, Fulea M, Murar M, **Feier H**. *Home-based robotic upper limbs cardiac telerehabilitation system*. Int J Environ Res Public Health. 2022 Sep 15;19(18):11628. doi: 10.3390/ijerph191811628. <https://www.mdpi.com/1660-4601/19/18/11628>
15. Rednic R, Macasoi I, Pinzaru I, Dehelean CA, Tomescu MC, Susan M, **Feier H**. *Pharmaco-toxicological assessment of the combined cytotoxic effects of digoxin and betulinic acid in melanoma cells*. Life (Basel). 2022 Nov 11;12(11):1855. doi: 10.3390/life12111855. <https://www.mdpi.com/2075-1729/12/11/1855>
16. Lascu A, Ionică LN, Buriman DG, Merce AP, Deaconu L, Borza C, Crețu OM, Sturza A, Muntean DM, **Feier HB**. *Metformin and empagliflozin modulate monoamine oxidase-related oxidative stress and improve vascular function in human mammary arteries*. Mol Cell Biochem. 2022 Dec 30. doi: 10.1007/s11010-022-04633-8. Online ahead of print. <https://link.springer.com/article/10.1007/s11010-022-04633-8>
17. Grigorescu, A.E.; Anghel, A.; Buriman, D.G.; **Feier, H**. *Acquired Von Willebrand Factor Deficiency at Patient-Prosthesis Mismatch after AVR Procedure—A Narrative Review*. Medicina 2023, 59, 954. <https://www.mdpi.com/1648-9144/59/5/954>
18. Lascu A, Șoșdean R, Ionică LN, Pescariu AS, Petrescu L, Ionac A, Luca CT, Sturza A, **Feier HB**. *Monoamine oxidase (MAO) is expressed at the level of mitral valve with severe regurgitation in hypertrophic obstructive cardiomyopathy: A Case Report*. Medicina (Kaunas). 2022 Dec 15;58(12):1844. doi: 10.3390/medicina58121844. <https://www.mdpi.com/1648-9144/58/12/1844>
19. Popovici M, Ursoniu S, **Feier H**, Mocan M, Tomulescu OMG, Kundhani NR, Valcovici M, Dragan SR. *Benefits of using smartphones and other digital methods in achieving better cardiac rehabilitation goals: a systematic review and meta-analysis*. Med Sci Monit. 2023 May 5;29:e939132.doi:0.12659/MSM.939132. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10167866/>
20. Vacarescu C, Luca CT, **Feier H**, Gaiță D, Crișan S, Negru AG, Iurciuc S, Goanță EV, Mornos C, Lazăr MA, Streian CG, Arnăutu DA, Turi VR, Cozma D. *Betablockers and Ivabradine Titration According to Exercise Test in LV Only Fusion CRT Pacing*. Diagnostics (Basel). 2022 Apr 27;12(5):1096. doi: 10.3390/diagnostics12051096. <https://www.mdpi.com/2075-4418/12/5/1096>
21. Totorean IC, Vacarescu C, Cozma D, Luca CT, **Feier H**, Lazăr MA, Deme MA, Stoica S, Arnăutu DA, Gaiță D. *Pacemaker implantation in a patient with isolated persistent left superior vena cava draining into the left atrium: a case report and brief literature review*. Diagnostics (Basel). 2022 Nov 5;12(11):2707. doi: 10.3390/diagnostics12112707. <https://www.mdpi.com/2075-4418/12/11/2707>
22. Mocan M, Vlaicu SI, Farcaș AD, **Feier H**, Dragan S, Mocan B. *Cardiac Rehabilitation Early after Sternotomy Using New Assistive VR-Enhanced Robotic Exoskeleton-Study Protocol for a Randomised Controlled Trial*. Int J Environ Res Public Health. 2021 Nov 13;18(22):11922. doi: 10.3390/ijerph182211922. <https://www.mdpi.com/1660-4601/18/22/11922>
23. Coman Cernat CC, Munteanu M, Malita D, Stanca S, Patoni Popescu SI, Musat O, Negru S, **Feier H**, Karancsi OL, Rosca C. *Corneal endothelial changes induced by pars plana vitrectomy with silicone oil tamponade for retinal detachment*. Exp Ther Med. 2021 Sep;22(3):961. doi: 10.3892/etm.2021.10393. Epub 2021 Jul 7. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8290465/>

25. Coman Cernat CC, Patoni Popescu SI, Malița D, Stanca S, Mușat O, Negru Ș, **Feier H**, Karancsi OL, Roșca C. *Endothelial corneal cell damage after pars plana vitrectomy: analogy of different intraocular tamponade agents*. Rom J Ophthalmol. 2021 Apr-Jun;65(2):141-149. doi: 10.22336/rjo.2021.29. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8207861/>
26. Săftescu S, Negru Ș, Volovăț S, Popovici D, Chercota V, Stanca S, **Feier H**, Malița D, Dragomir R, Volovăț C. *Predictors of the response to nivolumab immunotherapy in the second or subsequent lines for metastatic non-small cell lung cancers*. Exp Ther Med. 2021 Jun;21(6):605. doi: 10.3892/etm.2021.10037. Epub 2021 Apr 14. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8082661/>
27. Patoni Popescu IS, Mușat O, Stanca S, Coman Cernat CC, Patoni C, Negru S, Teodoru A, **Feier H**, Danielescu C. *Vital dyes in macular hole surgery*. Exp Ther Med. 2021 May;21(5):527. doi: 10.3892/etm.2021.9959. Epub 2021 Mar 22. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8014885/>
28. Gorun F, Malița D, Ciohat I, Vilbic-Cavlek T, **Feier H**, Tabain I, Craina M, Cretu O, Navolan D. *Prevalence of Rubella Antibodies among Fertile Women in the West of Romania, 18 Years after the Implementation of Immunization*. Vaccines (Basel). 2021 Jan 29;9(2):104. doi: 10.3390/vaccines9020104. <https://www.mdpi.com/2076-393X/9/2/104>
29. Teodoru CA, Preda MA, Borugă VM, Șuță MC, Dărbăș DM, Toth AE, Al Barri L, Comea RF, Grigorescu AE, Bonțe DC, Stanca S, **Feier HB**. *Giant and multiple cardiac papillary fibroelastomas masquerading as acute cerebrovascular events*. Rom J Morphol Embryol. 2020 Jul-Sep;61(3):947-951. doi: 10.47162/RJME.61.3.36. <https://rjme.ro/RJME/resources/files/610320947951.pdf>
30. Vacarescu C, Cozma D, Petrescu L, Dragan S, Momos C, Crisan S, **Feier H**, Lazar MA, Cozlac RA, Luca CT. *Exercise test is essential in LV-only fusion CRT pacing without right ventricle lead*. Clin Interv Aging. 2019 Jun 4;14:969-975. doi: 10.2147/CIA.S206251. eCollection 2019. <https://www.dovepress.com/exercise-test-is-essential-in-lv-only-fusion-crt-pacing-without-right-peer-reviewed-fulltext-article-CIA>
31. Cozma D, Vacarescu C, Petrescu L, Momos C, Goanta E, **Feier H**, Luca CT, Gusetu G, Vatașescu R. *CRT Pacing: Midterm Follow-Up in LV Only Pacing without RV Lead in Patients with Normal AV Conduction*. J Clin Med. 2018 Dec 8;7(12):531. doi: 10.3390/jcm7120531. <https://www.mdpi.com/2077-0383/7/12/531>
32. Lighezan R, Sturza A, Duicu OM, Ceausu RA, Vaduva A, Gaspar M, **Feier H**, Vaida M, Ivan V, Lighezan D, Muntean DM, Momos C. *Monoamine oxidase inhibition improves vascular function in mammary arteries from nondiabetic and diabetic patients with coronary heart disease*. Can J Physiol Pharmacol. 2016 Oct;94(10):1040-1047. doi: 10.1139/cjpp-2015-0580. Epub 2016 Mar 22. <https://cdnsiencepub.com/doi/10.1139/cjpp-2015-0580>
33. Duicu OM, Lighezan R, Sturza A, Ceausu RA, Borza C, Vaduva A, Noveanu L, Gaspar M, Ionac A, **Feier H**, Muntean DM, Momos C. *Monoamine oxidases as potential contributors to oxidative stress in diabetes: time for a study in patients undergoing heart surgery*. Biomed Res Int. 2015;2015:515437. doi: 10.1155/2015/515437. Epub 2015 May 25. <https://www.hindawi.com/journals/bmri/2015/515437/>
34. Duicu OM, Lighezan R, Sturza A, Balica R, Vaduva A, **Feier H**, Gaspar M, Ionac A, Noveanu L, Borza C, Muntean DM, Momos C. *Assessment of mitochondrial dysfunction and monoamine oxidase contribution to oxidative stress in human diabetic hearts*. Oxid Med Cell Longev. 2016;2016:8470394. doi: 10.1155/2016/8470394. Epub 2016 Apr 13. <https://www.hindawi.com/journals/omcl/2016/8470394/>
35. **Feier H**, Ghez O, Fraisse A, Kreitmann B. *Associated double-orifice mitral and tricuspid valves without ostium primum defect*. Eur J Cardiothorac Surg. 2012 May;41(5):1190-1. doi: 10.1093/ejcts/ezr162. Epub 2011 Dec 26. <https://academic.oup.com/ejcts/article/41/5/1190/382362>
36. Kalfa D, **Feier H**, Loundou A, Fraisse A, Macé L, Metras D, Kreitmann B. *Cryopreserved homograft in the Ross procedure: outcomes and prognostic factors*. J Heart Valve Dis. 2011 Sep;20(5):571-81.
37. Ionac A, Momoș C, **Feier H**, Cozma D, Petrescu L, Popescu I, Ionescu G, Cocora M, Gaspar M, Drăgulescu SI. *Pre-operative transthoracic real-time three-dimensional echocardiography for a better surgical strategy*. Chirurgia (Bucur). 2011 Mar-Apr;106(2):211-7.
38. Beurtheret S, Gariboldi V, **Feier H**, Grisoli D, Riberi A, Mouly-Bandini A, Métras D, Kerbaul F, Collart F. *Short-term results of repeat valve replacement: a predictive factor analysis*. J Heart Valve Dis. 2010 May;19(3):326-32.
39. Collart F, **Feier H**, Metras D, Mesana TG. *A safe, alternative technique for off-pump left ventricular assist device implantation in high-risk reoperative cases*. Interact Cardiovasc Thorac Surg. 2004 Jun;3(2):286-8. doi: 10.1016/j.icvts.2004.01.001. <https://academic.oup.com/icvts/article/3/2/286/672408>
40. Gaspar M, **Feier H**, Deutsch P, Dragulescu SI. *Spontaneous aortic arch rupture with pseudoaneurysm and constrictive-effusive pericarditis formation*. Interact Cardiovasc Thorac Surg. 2007 Feb;6(1):139-41. doi: 10.1510/icvts.2006.139568. Epub 2006 Oct 10.
41. Kerbaul F, Bellezza M, Mekkaoui C, **Feier H**, Guidon C, Gouvernet J, Rolland PH, Gouin F, Mesana T, Collart F. *Sevoflurane alters right ventricular performance but not pulmonary vascular resistance in acutely instrumented anesthetized pigs*. J Cardiothorac Vasc Anesth. 2006 Apr;20(2):209-16. doi: 10.1053/j.jvca.2005.05.017. Epub 2006 Jan 19.
42. Ghez O, **Feier H**, Ughetto F, Fraisse A, Kreitmann B, Metras D. *Postoperative extracorporeal life support in pediatric cardiac surgery: recent results*. ASAIO J. 2005 Sep-Oct;51(5):513-6. doi: 10.1097/01.mat.0000178039.53714.57.
43. **Feier H**, Collart F, Ghez O, Riberi A, Caus T, Kreitmann B, Metras D. *Risk factors, dynamics, and cutoff values for homograft stenosis after the Ross procedure*. Ann Thorac Surg. 2005 May;79(5):1669-75; discussion 1675. doi: 10.1016/j.athoracsurg.2004.10.060. [https://www.annalsthoracicsurgery.org/article/S0003-4975\(04\)02162-9/fulltext](https://www.annalsthoracicsurgery.org/article/S0003-4975(04)02162-9/fulltext)
44. Collart F, **Feier H**, Kerbaul F, Mouly-Bandini A, Riberi A, Di Stephano E, Serey Y, Mesana TG, Metras D. *Primary valvular surgery in octogenarians: perioperative outcome*. J Heart Valve Dis. 2005 Mar;14(2):238-42; discussion 242.
45. Collart F, **Feier H**, Kerbaul F, Mouly-Bandini A, Riberi A, Mesana TG, Metras D. *Valvular surgery in octogenarians: operative risks factors, evaluation of Euroscore and long term results*. Eur J Cardiothorac Surg. 2005 Feb;27(2):276-80. doi: 10.1016/j.ejcts.2004.10.041. <https://academic.oup.com/ejcts/article/27/2/276/2004071>
46. Collart F, Derouck D, Kerbaul F, **Feier H**, Mesana TG. *Regression of intracardiac heparin-induced thrombosis after aortic root surgery*. Ann Thorac Surg. 2003 Aug;76(2):617-9. doi: 10.1016/s0003-4975(03)00161-9. [https://www.annalsthoracicsurgery.org/article/S0003-4975\(03\)00161-9/fulltext](https://www.annalsthoracicsurgery.org/article/S0003-4975(03)00161-9/fulltext)
47. **Feier H**, Mekkaoui C, Drevet JB, Séréy Y, Richomme C, Rolland PH, Mesana TG. *A novel, valveless ventricular assist device: the FishTail pump. First experimental in vivo studies*. Artif Organs. 2002 Dec;26(12):1026-31. doi: 10.1046/j.1525-1594.2002.06973.x.