
CURRICULUM VITAE

Bence Péter Kővári MD PhD

Birth date: 16. 04. 1987

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EDUCATION

Undergraduate activity:

- Undergraduate researcher and tutor of histopathology at University of Szeged, Faculty of Medicine, Department of Pathology (2008-2011)

Student scholarships and awards:

- Outstanding Student Fellowship of the University of Szeged (2008-2011);
- Fellowship of the President of the Hungarian Republic (2010-2011);
- Fellowship of Szeged City (2010-2011)
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Title of qualification awarded:

- Medical doctor (University of Szeged, 2005-2011, summa cum laude)
- PhD degree (University of Szeged/Hungarian Academy of Science, 2016, summa cum laude)
- Consultant Histopathologist (Hungarian Ministry of Health, 2016, excellent)

Language skills:

- Mother tongue: Hungarian;
- Other languages: (European level-CEFR)
 - English: Understanding: C1 Speaking: C1 Writing: C1;
 - German: Understanding: B1 Speaking: B1 Writing: B1

PROFESSIONAL EXPERIENCE

Positions held:

- Pathology resident at University of Szeged, Faculty of Medicine, Department of Pathology (2011-2016)
- Consultant histopathologist at University of Szeged, Faculty of Medicine, Department of Pathology (2016-present)
- Assistant Professor at University of Szeged, Faculty of Medicine, Department of Pathology (2017-present)

Fields of specialization:

- Gastrointestinal pathology
- Breast pathology
- Immunohistochemistry and molecular pathology

University teaching activities and achievements:

- Bilingual (English and Hungarian) teaching of third-year medical students (2011-present)
- Bilingual (English and Hungarian) teaching of third-year dental students (2011-2013)
- Bilingual (English and Hungarian) tutor of undergraduate researchers, and thesis consultant (2015-present)

SCIENTIFIC ACTIVITY

Field of interest: clinicopathological analysis of breast cancer; research for new methods of treatment in triple-negative breast cancer; the role of growth-hormone-releasing hormone receptor (GHRH-R) in breast cancer, apocrine carcinomas, diagnostic immunohistochemical markers of myoepithelial cells, metaplastic breast cancer, neuroendocrine neoplasms, gastrointestinal tumors, inflammatory diseases of the gastrointestinal tract

Publications (Cumulative impact factor: 31.4):

1. Meretoja TJ, Audisio RA, Heikkilä PS, Bori R, Sejben I, Regitnig P, Luschin-Ebengreuth G, Zgajnar J, Perhavec A, Gazic B, Lázár G, Takács T, **Kóvári B**, Saidan ZA, Nadeem RM, Castellano I, Sapino A, Bianchi S, Vezzosi V, Barranger E, Lousquy R, Arisio R, Foschini MP, Imoto S, Kamma H, Tvedskov TF, Jensen MB, Cserni G, Leidenius MH. International multicenter tool to predict the risk of four or more tumor-positive axillary lymph nodes in breast cancer patients with sentinel node macrometastases. *Breast Cancer Res Treat.* 2013;138:817-27.

2. Vörös A, Csörgő E, **Kővári B**, Lázár P, Kelemen G, Cserni G. The Use of Digital Images Improves Reproducibility of the Ki-67 Labeling Index as a Proliferation Marker in Breast Cancer. *Pathol Oncol Res.* 2014;20:391-397.
3. **Kővári B**, Rusz O, Schally AV, Kahán Z, Cserni G. Differential immunostaining of various types of breast carcinomas for growth hormone-releasing hormone receptor - Apocrine epithelium and carcinomas emerging as uniformly positive. *APMIS.* 2014;122:824-31.
4. Vörös A, Csörgő E, **Kővári B**, Lázár P, Kelemen G, Rusz O, Nyári T, Cserni G. Different methods of pretreatment ki-67 labeling index evaluation in core biopsies of breast cancer patients treated with neoadjuvant chemotherapy and their relation to response to therapy. *Pathol Oncol Res.* 2015;21:147-155.
5. **Kővári B**, Szasz AM, Kulka J, Marusić Z, Sarcevic B, Tiszlavicz L, Cserni G. Evaluation of p40 as a myoepithelial marker in different breast lesions. *Pathobiology* 2015;82:166-171.
6. **Kővári B**, Báthori Á, Cserni G. CD10 immunohistochemical expression in apocrine lesions of the breast. *Pathobiology* 2015;82:259-263.
7. Kisesatári L, Sárközy M, **Kővári B**, Varga Z, Gömöri K, Morvay N, Leprán I, Hegyesi H, Fábíán G, Cserni B, Cserni G, Csont T, Kahán Z. High-dose Radiation Induced Heart Damage in a Rat Model. *In Vivo.* 2016;30:623-31.
8. Piukovics K, Terhes G, Bereczki Á, Borbényi Z, Gurbity Pálfi T, **Kővári B**, Urbán E. Monitoring cytomegalovirus infection and reactivation using quantitative real-time polymerase chain reaction in patients with haematological malignancies during chemotherapy and after autologous stem cell transplantation. *Orv Hetil.* 2016;157:1403-9.
9. Tímár Pásztor F, Borbényi Z, **Kővári B**, Krenács L, Piukovics K. Presence of T-cell lymphoma in patient with common variable immunodeficiency. Case report and review of literature. *Hematológia–Transzfuziológia* 2016;51 (4), 221-226
10. **Kővári B**, Langner C. Lymph node sampling in colorectal cancer: still many lessons to be learned. *J Surg Mol Pathol* 2017;3 (1), 6-12
11. **Kővári B**, Vranic S, Marchio C, Sapino A, Cserni G. The expression of growth hormone releasing hormone (GHRH) and its receptors in breast carcinomas with apocrine differentiation - further evidence of the presence of a GHRH pathway in these tumors. *Hum Pathol.* 2017;64:164-170.
12. Cserni G, Zombori T, Andreu X, Bianchi S, Regitnig P, Amendoeira I, Balmativola D, Kovács A, Cordoba A, Reiner A, Kulka J, Kaya H, Liepniece-Karele I, Quinn C, **Kővári B**. Is regression after neoadjuvant chemotherapy for locally advanced breast cancer different in sentinel and non-sentinel nodes? *Pathol Oncol Res.* 2018;24:167-170.
13. **Kővári B**, Ormándi K, Simonka Zs, Vörös A, Cserni G. Apocrine encapsulated papillary carcinoma of the breast: The first reported case with an infiltrative component. *J Breast Cancer.* 2018;21:227-230.
14. **Kővári B**, Kocsis L, Varga E, Cserni G. Expression of growth hormone releasing hormone receptors in apocrine adnexal tumors and apocrine glands of the skin. *Pol J Pathol.* 2018;69:48-52.

15. Sárközy M, Gáspár R, Zvara Á, Siska A, **Kővári B**, Szűcs G, Márványkövi F, Kovács MG, Diószegi P, Bodai L, Zsindely N, Pipicz M, Gömöri K, Kiss K, Bencsik P, Cserni G, Puskás LG, Földesi I, Thum T, Bátkai S, Csont T Chronic kidney disease induces left ventricular overexpression of the pro-hypertrophic microRNA-212. *Sci Rep.* 2019;9:1302.
16. Sárközy M, Gáspár R, Zvara A, Kiscsatári L, Varga Z, Kővári B, Kovács GM, Szűcs G, Fabian G, Diószegi P, Cserni G, Puskás GL, Thum T, Kahán Z, Csont T, Bátkai S. Selective Heart Irradiation Induces Cardiac Overexpression of the Pro-hypertrophic miR-212 *Front. Oncol.* 2019; <https://doi.org/10.3389/fonc.2019.00598>

Scientific posters:

- 2013: 25th European Congress of Pathology, Lisbon (first author)
- 2014: 26th European Congress of Pathology, London – 2 Poster presentations (first author)
- 2015: 27th European Congress of Pathology, Beograd (first author)
- 2015: 72th Hungarian Congress of Pathology, Hajdúszoboszló
- 2016: 28th European Congress of Pathology, Cologne (first author)
- 2018: 30th European Congress of Pathology, Bilbao (first author)
- 2019: 3rd Meeting of the Pannonian Working Group of Gastrointestinal Pathology, Budapest - 2 poster presentation
- 2019: 31th European Congress of Pathology, Nice (senior author)
- 2019: 74th Hungarian Congress of Pathology, Balatonfüred (senior author)

Oral presentations:

- 2011: 4th Szeged Breast Cancer Symposium ("Szegedi Emlőrák Szimpózium"), Szeged
- 2013: 5th Szeged Breast Cancer Symposium ("Szegedi Emlőrák Szimpózium"), Szeged
- 2014: Surgical pathology course of the University of Szeged Department of Pathology, Szeged – 2 oral presentations
- 2014: Symposium of the Hungarian Society of Senology
- 2014: 2nd Symposium of Young Hungarian Pathologists (Fiatal Patológusok Fóruma), 2 Oral presentations
- 2015: 6th Szeged Breast Cancer Symposium ("Szegedi Emlőrák Szimpózium"), Szeged
- 2015: Surgical pathology course of the University of Szeged Department of Pathology, Szeged (invited speaker)
- 2015: 72th Hungarian Congress of Pathology, Hajdúszoboszló (invited speaker)
- 2016: Surgical pathology course of the University of Szeged Department of Pathology, Szeged (invited speaker)

- 2017: 7th Szeged Breast Cancer Symposium ("Szegedi Emlőrák Szimpózium"), Szeged (invited speaker)
- 2017: 2nd Meeting of the Pannonian Working Group of Gastrointestinal Pathology (invited speaker)
- 2017: Surgical pathology course of the University of Szeged Department of Pathology, Szeged (invited speaker)
- 2017: 29th European Congress of Pathology, Amsterdam
- 2018: National Slide Seminar of the Hungarian Society of Pathologists (invited speaker)
- 2017: Surgical pathology course of the University of Szeged Department of Pathology, Szeged – 2 Oral presentation (invited speaker)
- 2018: 5th Pannonia Congress of Pathology (invited speaker)
- 2018: 4th Symposium of Young Hungarian Pathologists, Siófok (Fiatal Patológusok Fóruma), (invited speaker)
- 2019: 3rd Meeting of the Pannonian Working Group of Gastrointestinal Pathology, Budapest (invited speaker)
- 2019: 74th Hungarian Congress of Pathology, Balatonfüred - 3 oral presentations (invited speaker)
- 2019: Gastrointestinal Clinical – Pathological Workshop, Szeged (invited speaker)

Awards:

- *Best oral presentation*; 2nd Symposium of Young Hungarian Pathologists (2014; as presenter)
- 2nd prize at the University of Szeged Congress of Undergraduate Researchers (2015; as senior author; presenter: Szimonetta Kósa)
- "Különdíj" prize at the Hungarian National Congress of Undergraduate Researchers (2015; as senior author; presenter: Szimonetta Kósa)
- Outstanding (1st prize) Undergraduate Researcher Thesis at the University of Szeged Faculty of Medicine (2015; as senior author; presenter: Szimonetta Kósa)
- *Best oral presentation*;
- 3rd prize at the University of Szeged Congress of Undergraduate Researchers (2016 as senior author; presenter: Dalma Bihary)
- *Best poster presentation*; 3rd Meeting of the Pannonian Working Group of Gastrointestinal Pathology, Budapest (2019; as senior author; presenter: Turkevi-Nagy Sándor)
- *Best poster presentation*; 74th Hungarian Congress of Pathology, Balatonfüred (2019; as senior author; presenter: Sándor Turkevi-Nagy M.D.)
- *Best oral presentation*; 74th Hungarian Congress of Pathology, Balatonfüred (2019; as senior author; presenter: Alex Jenei M.D.)

Bursaries:

- Richter Gedeon stipendium for young researchers, 2012
- 25th European Congress of Pathology, Lisbon, 2013

- 26th European Congress of Pathology, London, 2014
- 27th European Congress of Pathology, Beograd, 2015
- Stipendium for the 2nd NordiQC Course in Diagnostic Immunohistochemistry for Pathologists, Krakow, 2015
- 28th European Congress of Pathology, Cologne, 2016

Fellowships:

- European Society of Pathology Advanced Training Centers & Giordano Fellowship, Medical University of Graz, Austria, 2017 (Prof. Dr. Cord Langner)
- Knowledge transfer program, University of Ankara, Turkey, 2019 (Prof. Dr. Arzu Ensari)

MEMBERSHIPS

- European Society of Pathology (ESP)
- European Society of Pathology (ESP) Working Group of Digestive Diseases
- European Society of Pathology (ESP) Working Group of Breast Pathology
- International Academy of Pathology - Hungarian Division (IAP-HD)
- Hungarian Society of Pathologists
- Hungarian Society of Senology
- European Network of Gastrointestinal Pathology (ENGIP)
- Pannonian Working Group of Gastrointestinal Pathology

SERVICE TO THE PROFESSION

- 2015: 5th Szeged Breast Cancer Symposium (Member of the organizing committee)
- 2017: 7th Szeged Breast Cancer Symposium (Member of the organizing committee)
- 2019: 3rd Meeting of the Pannonian Working Group of Gastrointestinal Pathology – 2 poster presentation (Head of the local organizing committee)
- 2019: 72th Hungarian Congress of Pathology, Hajdúszoboszló - (Organizer of the gastrointestinal pathology program)
- 2019: Gastrointestinal Clinical – Pathological Workshop, Szeged - (Head of the organizing committee)