

CURRICULUM VITAE



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Education:

1987 M.D. Vilnius University, Faculty of Medicine (Medicine)
1992 Ph.D. Moscow Medical Academy (Medicine)

Postdoctoral Training / Mobility:

09/94-10/94 Training in Renal Pathology, Department of Pathology, Lutheran General Hospital, University of Chicago, USA
11/94-03/95 Visiting Scientist, Renal Division, Brigham and Women's Hospital, Harvard Medical School, USA
01/96-06/97 Fellowship in Renal Pathology, Brigham and Women's Hospital, Harvard Medical School, USA
01/99-4/99 Fellowship in Renal Pathology, Brigham and Women's Hospital, Harvard Medical School, USA
01/99-4/99 Fellowship in Renal Pathology, Brigham and Women's Hospital, Harvard Medical School, USA
3/11 Visiting Scientist, Francois Baclesse Cancer Centre, Caen, France
7/15-8/15 Visiting Scientist, TissueGnostics, Vienna, Austria
3/16 Visiting Scientist, Brigham and Women's Hospital, Harvard Medical School, USA
7/16 Visiting Scientist, AstraZeneca, Cambridge, UK
3/17-4/17 Visiting Scientist, AstraZeneca, Cambridge, UK
3/18 Visiting Scientist, UC Davis, Sacramento, CA, USA
8/18 Visiting Scientist, Marine Biological Laboratory, Woods Hole, MA, USA

Licensures and Certificates:

Licensed to practice pathology in Lithuania

Academic Appointments:

2016 - Head of Pathology, Forensic Medicine and Pharmacology Department, Vilnius University Faculty of Medicine
2007- Professor in Pathology, Vilnius University
2003-2006 Associate Professor in Pathology, Vilnius University
1997- Course Leader of Pathology, Vilnius University
1992-2003 Lecturer in Pathology, Vilnius University
1990-1991 Instructor in Pathology, Moscow Medical Academy
1987-1989 Instructor in Pathology, Vilnius University

Clinical Appointments:

2011- Director and Consultant Pathologist, National Center of Pathology, affiliate of Vilnius University Hospital Santaros Klinikos, Lithuania
 1993-2011 Director and Consultant Pathologist, National Center of Pathology, Ministry of Health, Lithuania

Other Professional Positions:

1993-2005 Consultant for Pathology, Ministry of Health, Lithuania

Major Committee Assignments:

2015- Member, Editorial Board, *Journal of Pathology Informatics*.
 2013-2014 Member, Working Group on Biomedical Research and Biobanking Law, Ministry of Health.
 2011-2012 Member, Working Group on Biomedical Research and Biobanking Regulation, Lithuanian Parliament.
 2010- Member, Editorial Board, *Diagnostic Pathology*.
 2009- Vice-Chair, Coordinating Committee for National Cervical Cancer Screening at the Ministry of Health.
 2007-2008 Chair, Committee on Laboratory Test Data Storage and Exchange, Ministry of Health.
 2007-2012 Member, Management Board, International Health Terminology Standards Development Organisation (IHTSDO, s. SNOMED SDO).
 2007-2009 Chair, Research and Innovation Committee, International Health Terminology Standards Development Organisation (IHTSDO, SNOMED International).
 2006-2007 Chair, Working Group for the Establishment of the SNOMED Standards Development Organization, Ministry of Health, Lithuania.
 2006-2011 Member, Coordinating Committee for the National E.Health Project.
 2005-2006 Member, Supervisory Committee for the National E.Health Project.
 2005-2007 Chair, Committee on Review of Pathologist Licencing Regulations.
 2004-2008 Member, Coordinating Committee for National Cervical Cancer Screening.
 2004-2009 Chair, Coordinating Council on Pathology Services Investment Program, Lithuania, Ministry of Health
 2003 Chair, Committee on Revision of Deceased Patient's Post-mortem Examination Authorisation Act, Ministry of Health
 2003 Member, Committee on Organization of Forensic Medicine Services, Ministry of Health together with other government institutions
 2002 Member, Committee on Healthcare Information Systems Development, Ministry of Health
 2001 Chair, Committee on Licensing Regulations for Pathology Services, Ministry of Health
 2001 Member, Committee on Pathology Services Reimbursement System, Ministry of Health
 2000-2001 Member, Academic Commission of the Medical Faculty of Vilnius University
 1999-2000 Chair, Committee on Development of the National Quality Requirements for Pathology Services, Ministry of Health
 1999-2000 Chair, Committee on Development of Pathology Reimbursement System, Ministry of Health
 1999-2003 Chair, Coordinating council on Pathology Equipment Renovation Program, Ministry of Health
 1998 Chair, Committee on Death Certificate Regulations, Ministry of Health
 1998 Member, Committee on Pathologist Licensure Regulation, Ministry of Health
 1994-1995 Chair, Committee on Pathology Reimbursement, Ministry of Health

Memberships, Offices, Committee Assignments in Professional Societies:

2014- Chair, Biobank-LT – Lithuanian Research Biobank Consortium.
 2013- Chair, SVIBI.LT – Lithuanian Association of Health Informatics and Bioinformatics.
 2011- Board Member, International Academy of Digital Pathology.
 2011- Board Member, Association of Santara Valley
 2010 Chair of the Organizing Committee, 10th European Congress of Digital Pathology, Vilnius, Lithuania
 2008- Board Member, Association of Innovative Medicine Technologies and Biopharmacy
 2003-2018 President, Association of the Santariskes Medical Institutions
 2003- Vice-Chairman, Lithuanian Society of Pathology
 2001-2007 Vice-President, Lithuanian Nephrology, Dialysis ant Transplant Association

1998-2008	Affiliate Member, College of American Pathologists
1998-2000	Chairman, Vilnius Society of Pathology
1996-2003	Member, International Society of Nephrology
2018-	Member, European Society for Digital & Integrative Pathology
1995-1997, 2013-	European Society of Pathology
1994-1996	Member, EDTA/ERA
1993-1995, 1999-	Advisor, Students' Scientific Society, Faculty of Medicine, Vilnius University
1992-	Member, Lithuanian Association of Nephrology, Dialysis and Transplantation
1987-	Member, Lithuanian Society of Pathology

Presentations:

1. *The Immunogradient of CD8+ cell density in the tumour-stroma interface zone predicts overall survival of patients with hormone receptor-positive invasive ductal breast carcinoma.* 31st European Congress of Pathology, Nice, France, 2019.
2. *Prognostic value of CD8 Immunogradient indicators in tumour-stroma interface zone of colorectal cancer.* 31st European Congress of Pathology, Nice, France, 2019.
3. *Deep Context Pathology for Precision Medicine.* 4th International Conference on Digital Pathology, Zurich, Switzerland, 2019.
4. *Automated tumour-stroma interface zone CD8+ Immunogradient indicators predict overall survival of the patients with breast and colorectal carcinoma.* Immuno-Oncology Summit, Boston, USA, 2019.
5. *Benefits of digital pathology.* 15th International Congress for Stereology and Image Analysis, Aarhus, Denmark, 2019.
6. *Pathology image analytics: going beyond visual.* Image Analysis Training School (IATS), Viena, Austrija, 2019.
7. *Deciphering tissue microenvironment with imaging and analytics.* 15th European Congress on Digital Pathology, Warwick, UK, 2019.
8. *Digital Pathology Analytics for Biomarker Assessment.* Cancer Immunotherapy Workshop, Riga, Latvia, 2018.
9. *Tissue Pathology, Mining Deeper with Imaging and Analytics.* 162nd ICB Seminar, Warsaw, Poland, 2018.
10. *Getting Pathology Pixels to Work.* 14th European Congress of Digital Pathology, Helsinki, Finland, 2018.
11. *Tissue Pathology Analytics: Digging Out More.* UC Davis, Pathology Department, Sacramento CA, USA, 2018
12. *Reading IHC Slides: Can Machines Do Better Than Humans?* 10th Joint Meeting of the British Division of the International Academy of Pathology and the Pathological Society of Great Britain & Ireland, Belfast, UK, 2017.
13. *Digital Pathology - Getting Online.* 24th German Baltic Symposium and IAP Baltic Division meeting, Riga, Latvia, 2017.
14. *HPV and cancer.* IncoNet EaP Twinning Grants Project, New Vision University, Tbilisi, Georgia, 2016.
15. *Pathology Online - Ready To Use?* Leeds University Hospital, Department of Pathology, UK, 2017.
16. *Pathology Online - Ready To Use?* 4th Nordic Symposium on Digital Pathology, Linkoping, Sweden, 2016.
17. *Comprehensive Immunohistochemistry: Digital, Analytical and Integrated.* XXXI International Congress of the International Academy of Pathology and 28th Congress of the European Society of Pathology, Cologne, Germany, 2016.
18. *Comprehensive Immunohistochemistry: Digital, Analytical, Integrated.* AstraZeneca, Cambridge, UK, 2016.
19. *Comprehensive Immunohistochemistry: Digital, Analytical, Integrated.* Brigham and Women's Hospital, Department of Pathology, MA, USA, 2016.
20. *Automated Image Analysis of HER2 FISH Enables New Definitions of Genetic Heterogeneity in Breast Cancer Tissue.* 13th European Congress on Digital Pathology, Berlin, Germany, 2016.
21. *Poster: Automated Image Analysis of HER2 FISH in Breast Cancer Tissue to Support Cell Heterogeneity,* 3rd Nordic Symposium on Digital Pathology, Linkoping, Sweden, 2015.
22. *Poster: Comprehensive Ki67 Immunohistochemistry in Breast Cancer Based on Hexagonal Tiling of Digital Image Analysis Data.* 22nd International Molecular Medicine Tri-Conference, San Francisco, USA, 2015.
23. *Digital Immunohistochemistry for Tissue-Based Diagnosis and Research: What Could and Should be Done?* Digital Pathology Congress, London, UK, 2014.
24. *Digital Immunohistochemistry to Retrieve Novel Information on Biomarker Expression.* 26th European Congress of Pathology, London, UK, 2014.

25. *Digital Immunohistochemistry Platform for the Staining Variation Monitoring Based on Integration of Image and Statistical Analyses with Laboratory Information System*. 12th European Congress on Digital Pathology, Paris France, 2014.
26. *Digital Immunohistochemistry Wizard: Image Analysis-Assisted Stereology Tool to Produce Reference Data Set for Calibration and Quality Control*. 12th European Congress on Digital Pathology), Paris, France, 2014.
27. *Automated Image Analysis Enables Accurate Enumeration of the Ki-67 Labeling Index of Breast Cancer*. 25th European Congress of Pathology, Lisbon, Portugal, 2013.
28. Poster: *A methodology to ensure and improve accuracy of Ki67 digital immunohistochemistry analysis in breast cancer tissue*. Advances in Breast Cancer Research: Genetics, Biology, and Clinical Application, San Antonio, CA, USA, 2013.
29. *Digital Image Analysis for Better Accuracy in Pathology*. XXIX Congress of International Academy of Pathology, Cape Town, South African Republic, 2012.
30. *Perspectives of Routine Tissue-Based Diagnosis: Lean and Digital*. 24th European Congress of Pathology, Prague, Czech Republic, 2012.
31. *Digital Immunohistochemistry: New Horizons and Practical Solutions in Breast Cancer Pathology*. 11th European Congress on Telepathology and Virtual Microscopy, Venice, Italy, 2012.
32. *Inter-Observer Variability and Evaluation of Automated Image Analysis Tools*. 23rd European Congress of Pathology, Helsinki, Finland, 2011.
33. *Digital Image Analysis in Pathology: Benefits and Obligations*, 1st Congress of International Academy of Digital Pathology, Quebec, Canada, 2011.
34. *The Results of Automated Image Analysis Workshop at the 10th European Congress on Telepathology and 4th International Congress on Virtual Microscopy*, Pathology Visions, San Diego, CA, USA 2010.

Projects, participation / leadership:

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| 2018-2021 | Project leader, <i>Deep-Context Tissue Analytics for Integrated Pathology Modeling in Tumors and Kidney Allografts</i> , Lithuanian Research Council/European Social Fund, Global Grant (598,348 Eur) |
| 2015-2018 | Project Leader, <i>Novel Biomarkers for Individualized Therapy of Colon Cancer: Proteomics, microRNomics and Clinics</i> , Lithuanian Research Council (199,990 Eur) |
| 2013-2017 | Participant, <i>Academia and Industry Collaboration for Digital Pathology (AIDPATH)</i> , FP7-PEOPLE-2013-IAPP, Marie Curie Actions-Industry-Academia Partnerships and Pathways (IAPP) (Total the consortium: 3,021,689 Eur) |
| 2013-2015 | Project leader, <i>Comprehensive Biomarker Intra-Tumour Heterogeneity Evaluation By Digital Immunohistochemistry Image Analysis</i> , Lithuanian Research Council/European Social Fund, Global Grant (264,739 Eur). |
| 2012-2014 | Senior researcher, <i>Complex Molecular Biomarkers for Prostate Cancer</i> , Lithuanian Research Council (222,515 Eur) |
| 2010 | Project leader, <i>Human Biological Resource Center</i> (a comprehensive description of the infrastructure for the Lithuanian Research Council) (6,371 Eur). |
| 2010–2011 | Project leader, <i>National Centre of Pathology Building Renovation, Increasing Energy Efficiency</i> , project funded by European Union structural funds (988,744 Eur). |
| 2009–2011 | <i>Santariškes Medical Staff Training</i> , funded by European Union structural funds, SMĪA (Grant: |
| 2009–2012 | <i>Santara Valley Education Program</i> (establishment of Joint Innovative Medicine Centre) (Total - 14,770,620 Eur, NCP – 810,936 Eur) |
| 2009–2010 | <i>Development of Merkel Cell Polyoma Virus Diagnostic Tools</i> , Lithuanian Research Council (23,169 Eur) |
| 2008–2010 | Project leader, <i>SNOMED CT Technology Platform Development for Lithuania</i> , National investment program (724,050 Eur) |
| 2008-2010 | Project leader, <i>National Centre of Pathology Capacity Building in Early Cancer Diagnostics</i> , European Economic Area and Norwegian Financial Mechanisms, Oslo University Hospital (426,067 Eur). |
| 2007-2010 | <i>Telepathology Network in Europe</i> (COST IC0604), with KTU (Department of Computer Science), 20 countries, 37 partners (28,962 Eur) |

- 2007–2009 *Analysis of Prognostic Factors of Precancerous Cervical Pathology Using Microarray Technologies* (10,426 Eur)
- 2007–2009 *European Pathology Assessment & Learning System (EUROPALS)* 15 countries, 30 partners (European Pathology Departments and Institutes). Development of European Pathologists Certification and Learning System (11,584 Eur)
- 2007-2009 *Molecular Breast and Prostate Cancer Markers in Determining the Value of the Disease Process and Treatment Characteristics*, Lithuanian Research Council (Grant: 66,033 Eur)
- 2005–2008 *Medical Technologies Physical and Nanophotonics Research and Studies Centre“ and “ Medical Optical Technology and Nanophotonics Education and Distance Learning Center*, VUOI, VUEKMI, VU, VU MF, VU FF, BMTI, VULSK, VU IMI, KMU, KMUK, KMU BTC (Grant: 1,894,939 Eur)
- 2005-2007 *Creation of Intracranial Aneurysms Models Angiographic Studies*
- 2005-2007 *Fabry Disease on Dialysis, Lithuania Sample Survey Among Men*, LNDTA
- 2007–2009 *Creation of Prostate and Breast Cancer Molecular Markers System*, VU, VUOI, VULSK, JSC *Fermentas*, Toronto Mental Health Epigenetics Laboratory, Canada
- 2006–2009 *Detection of Cervical Precancerous Changes by PAPSPIN Method*, VUOI, “ThermoShandon“ Ltd.
- 1998-2000 *Convergence of European Renal Transplant Pathology Assessment Procedures, CERTPAP, EU*

Self-report of teaching:

Vilnius University, Faculty of Medicine:

- 2007- Pathology for Medical, Odontology, Medical Biology, and Public Health Students, Professor and Course Leader, 300 Students
- 1997- Pathology for Medical, Odontology, Medical Biology, and Public Health Students, Lecturer and Course Leader, 150 Students,
- 1993 Kidney Biopsy Diagnosis Course, Leader, 5-6 Pathologists, 90 hours/year
- 1992- Autopsy and Biopsy Course, Section Leader, 36 5th Year Medical Students, 54 hours/year
- 1992-1995 Pathology of Kidney Diseases, Lecturer, 150 Medical Students, 2 hours/year
- 1992- Pathology, Instructor, 60 Medical Students (sections), 48 hours/year
- 1987-1989 Pathology, Instructor, 12 Medical Students (section), 48 hours/year

Moscow Medical Academy:

- 1990-1991 Pathology, Instructor, 14 Medical Students (section), 48 hours/year

Harvard Medical School:

Seminars in Renal Pathology for medical students, pathology residents, nephrology residents and fellows, house officers

BIBLIOGRAPHY

<https://publons.com/researcher/1423794/aryvdas-laurinavicius/>

<https://orcid.org/0000-0001-9232-1730>

https://www.researchgate.net/profile/Arvydas_Laurinavicius

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1. Nestarenkaite A, Fadhil W, Rasmusson A, Susanti S, Hadjimichael E, Laurinaviciene A, Ilyas M, **Laurinavicius A**. Immuno-Interface Score to Predict Outcome in Colorectal Cancer Independent of Microsatellite Instability Status. *Cancers* (Basel). 2020 Oct 9;12(10):2902.
2. A. Gryguc, J. Maciulaitis, L. Mickevicius, **A. Laurinavicius**, N. Sutkeviciene, I.A. Bumblyte, R. Maciulaitis. Placenta derived stem cells for acute kidney injury treatment in a xenogeneic preclinical model. *Cytotherapy*, Volume 22, Issue 5, Supplement, 2020, Page S203,ISSN 1465-3249
3. Zilenaite D, Rasmusson A, Augulis R, Besusparis J, Laurinaviciene A, Plancoulaine B, Ostapenko V and **Laurinavicius A** (2020) Independent Prognostic Value of Intratumoral Heterogeneity and Immune Response

Features by Automated Digital Immunohistochemistry Analysis in Early Hormone Receptor-Positive Breast Carcinoma. *Front. Oncol.* 10:950. doi: 10.3389/fonc.2020.00950

4. Rasmusson, A., Zilenaite, D., Nestarenkaite, A., Augulis, R., Laurinaviciene, A., Ostapenko, V., Poskus, T., & **Laurinavicius, A.** (2020). Immunogradient Indicators for Antitumor Response Assessment by Automated Tumor-Stroma Interface Zone Detection. *The American journal of pathology*, S0002-9440(20)30126-7 ;
5. Gasiule S, Dreize N, Kaupinis A, Razanskas R, Ciupas L, Stankevicius V, Kapustina Z, **Laurinavicius A**, Valius M, Vilkaitis G: Molecular Insights into miRNA-Driven Resistance to 5-Fluorouracil and Oxaliplatin Chemotherapy: miR-23b Modulates the Epithelial-Mesenchymal Transition of Colorectal Cancer Cells. *Journal of Clinical Medicine*, 2019, 8(12), 2115.
6. Joseph J, Roudier MP, Narayanan PL, Augulis R, Ros VR, Pritchard A, Gerrard J, **Laurinavicius A**, Harrington EA, Barrett JC, Howat WJ: Proliferation Tumour Marker Network (PTM-NET) for the identification of tumour region in Ki67 stained breast cancer whole slide images. *Sci Rep.* 2019 Sep 6;9(1):12845. doi: 10.1038/s41598-019-49139-4.
7. Abdelsamea MM, Grineviciute RB, Besusparis J, Cham S, Pitiot A, **Laurinavicius A**, Ilyas M: Tumour Parcellation and Quantification (TuPaQ): a tool for refining biomarker analysis through rapid and automated segmentation of tumour epithelium. *Histopathology*, 2019,doi: 10.1111/his.13838.
8. Cerkauskaite A, Cerkauskiene R, Miglinas M, **Laurinavicius A**, Ding C, Rolfs A, Venceviciene L, Barysiene J, Kazenaite E, Sadauskiene E: Genotype-Phenotype Correlation in a New Fabry-Disease-Causing Mutation. *Medicina Lithuania*, 2019, vol. 55, 5:UNSP 122, DOI: 10.3390/medicina55050122
9. Sileikiene V, Laurinaviciene A, Lesciute-Krilaviciene D, Jurgauskiene L, Malickaite R, **Laurinavicius A**: Levels of CD4+ CD25+ T regulatory cells in bronchial mucosa and peripheral blood of chronic obstructive pulmonary disease indicate involvement of autoimmunity mechanisms. *Advances in Respiratory Medicine*, 2019, vol. 87, 3: 159-166, DOI: 10.5603/ARM.2019.0023.
10. Rimm DL, Leung SCY, McShane LM, Bai Y, Bane AL, Bartlett JMS, Bayani J, Chang MC, Dean M, Denkert C, Enwere EK, Galderisi C, Gholap A, Hugh JC, Jadhav A, Kornaga EN, **Laurinavicius A**, Levenson R, Lima J, Miller K, Pantanowitz L, Piper T, Ruan J, Srinivasan M, Virk S, Wu Y, Yang H, Hayes DF, Nielsen TO, Dowsett M: An international multicenter study to evaluate reproducibility of automated scoring for assessment of Ki67 in breast cancer. *Modern Pathology*, 2019, 32:59-69, doi: 10.1038/s41379-018-0109-4.
11. Abdelsamea MM, Pitiot A, Grineviciute RB, Besusparis J, **Laurinavicius A**, Ilyas M: A cascade-learning approach for automated segmentation of tumour epithelium in colorectal cancer. *Expert Systems with Applications*, 2018, 18: 539-552.
12. Kukcinaviciute E, Jonusiene V, Sasnauskiene A, Dabkeviciene D, Eidenaitė E, **Laurinavicius A**: Significance of Notch and Wnt signaling for chemoresistance of colorectal cancer cells HCT116. *Journal of Cellular Biochemistry*, 2018, Vol.119, 7:5913-5920.
13. Morkunas M, Treigys P, Bernataviciene J, **Laurinavicius A**, Korvel G: Machine Learning Based Classification of Colorectal Cancer Tumour Tissue in Whole-Slide Images. *Informatika*, 2018, Vol. 29, 1:75-90
14. Gallego J, Pedraza A, Lopez S, Steiner G, Gonzalez L, **Laurinavicius A**, Bueno G. Glomerulus Classification and Detection Based on Convolutional Neural Networks. *Journal of Imaging*, 2018, 4(1).
15. Juozapaite S, Cerkauskiene R, **Laurinavicius A**, Jankauskiene A: The impact of IgM deposits on the outcome of Nephrotic syndrome in children. *BMC Nephrology*, 2017, 18(260).
16. Demidenko R, Daniunaite K, Bakavicius A, Sabaliauskaite R, Skebertyte A, Petroska D, **Laurinavicius A**, Jankevicius F, Lazutka J R, Jarmalaite S: Decreased Expression of MT1E is a Potential Biomarker of Prostate Cancer Progression. *Oncotarget*, 2017, 8(37): 61709-61718.
17. Della Mea V, Carbone A, Di Loreto C, Bueno G, De Paoli P, García-Rojo M, de Mena D, Gloghini A, Ilyas M, **Laurinavicius A**, Rasmusson A, Milione M, Dolcetti R, Pagani M, Stoppini A, Sulfaro A, Bartolo M, Mazzon E, Soyer H P, Pantanowitz L: Teaching digital pathology: The international school of digital pathology and proposed syllabus. *Journal of Pathology Informatics*, 2017.
18. Radziuviene G, Rasmusson A, Augulis R, Lesciute-Krilaviciene D, Laurinaviciene A, Clim E, **Laurinavicius A**: Automated Image Analysis of HER2 Fluorescence In Situ Hybridization to Refine Definitions of Genetic Heterogeneity in Breast Cancer Tissue. *BioMed Research International*, 2017.

19. Barisoni L, Gimpel Ch, Kain R, **Laurinavicius A**, Bueno G, Zeng C, Liu Zh, Schaefer F, Kretzler M, Holzman LB, Hewitt SM: Digital pathology imaging as a novel platform for standardization and globalization of quantitative nephropathology. *Clin Kidney J* 2017, 10(2): 176-187.
20. Besusparis J, Plancoulaine B, Rasmusson A, Augulis R, Green AR, Ellis IO, Laurinaviciene A, Herlin P, **Laurinavicius A**: Impact of tissue sampling on accuracy of Ki67 immunohistochemistry evaluation in breast cancer. *Diagn Pathol* 2016, 11(1):82.
21. **Laurinavicius A**, Plancoulaine B, Herlin P, Laurinaviciene A. Comprehensive immunohistochemistry: digital, analytical and integrated. *Pathobiology* 2016, 83(2-3):156-163.
22. Pavyde E, Maciulaitis R, Mauricas M, Sudzius G, Ivanauskaite Didziokiene E, **Laurinavicius A**, Sutkeviciene N, Stankevicius E, Maciulaitis J, Usas A. Skeletal muscle-derived stem/progenitor cells: a potential strategy for the treatment of acute kidney injury. *Stem Cells International* 2016.
23. **Laurinavicius A**, Plancoulaine B, Rasmusson A, Besusparis J, Augulis R, Meskauskas R, Herlin P, Laurinaviciene A, Abdelhadi Muftah AA, Miligy I, Aleskandarany MA, Rakha EA, Green AR, Ellis IO. Bimodality of intratumor Ki67 expression is an independent prognostic factor of overall survival in patients with invasive breast carcinoma. *Virchows Archiv* 2016, 1-10.
24. Plancoulaine B, Laurinaviciene A, Herlin P, Besusparis J, Meskauskas R, Baltrusaityte I, Iqbal Y, **Laurinavicius A**: A methodology for comprehensive breast cancer ki67 labeling index with intra-tumor heterogeneity appraisal based on hexagonal tiling of digital image analysis data. *Virchows Arch* 2015.
25. **Laurinavicius A**, Green AR, Laurinaviciene A, Smailyte G, Ostapenko V, Meskauskas R, Ellis IO. Ki67/SATB1 ratio is an independent prognostic factor of overall survival in patients with early hormone receptor-positive invasive ductal breast carcinoma. *Oncotarget* 2015.
26. Mačiulaitis J, Deveikytė M, Reškšytė S, Bratchikov M, Darinskas A, Šimbelytė A, Daunoras G, Laurinavičienė A, **Laurinavicius A**, Gudas R, Malinauskas M, Mačiulaitis R. Preclinical study of SZ2080 material 3D microstructured scaffolds for cartilage tissue engineering made by femtosecond direct laser writing lithography. *Biofabrication*, 2015, 23;7(1).
27. Brazdziute E, Miglinas M, Gruodyte E, Priluckiene J, Tamosaitis A, Bumblyte IA, Kuzminskis V, Burbaickaja S, Sakalauskiene M, Jankauskiene A, Cerkauskiene R, Pundziene B, **Laurinavicius A**. Nationwide renal biopsy data in Lithuania 1994-2012. *Int Urol Nephrol* 2015.
28. Serenaite I, Daniunaite K, Jankevicius F, **Laurinavicius A**, Petroska D, Lazutka JR, Jarmalaite S: Heterogeneity of DNA methylation in multifocal prostate cancer. *Virchows Arch* 2015, 466(1):53-59.
29. Plancoulaine B, Laurinaviciene A, Meskauskas R, Baltrusaityte I, Besusparis J, Herlin P, **Laurinavicius A**. Digital immunohistochemistry wizard: image analysis-assisted stereology tool to produce reference data set for calibration and quality control. *Diagnostic Pathology*, 2014, 9(Suppl 1): S8, ISSN: 1746-1596
30. Laurinaviciene A, Plancoulain B, Baltrusaityte I, Meskauskas R, Besusparis J, Lesciute-Krilaviciene D, Raudeliunas D, Iqbal Y, Herlin P, **Laurinavicius A**. Digital immunohistochemistry platform for the staining variation monitoring based on integration of image and statistical analyses with laboratory information system. *Diagnostic Pathology*. 2014, 9 (Suppl 1):S10, ISSN: 1746-1596.
31. Daniunaite K, Jarmalaite S, Kalinauskaite N, Petroska D, **Laurinavicius A**, Lazutka JR, Jankevicius F. "Prognostic Value of Rassf1 Promoter Methylation in Prostate Cancer". *J Urol* (Jun 26 2014), S0022-5347(14)03913-5.
32. **Laurinavicius A**, Plancoulaine B, Laurinaviciene A, Herlin P, Meskauskas R, Baltrusaityte I, Besusparis J, Dasevicius D, Elie N, Iqbal Y, Bor C, Ellis I O. A methodology to ensure and improve accuracy of Ki67 labelling index estimation by automated digital image analysis in breast cancer tissue. *Breast Cancer Research*, 2014, 16:R35, ISSN: 1465-542X, eISSN: 1465-5411.
33. Daunoravicius D, Besusparis J, Zurauskas E, Laurinaviciene A, Bironaite D, Pankuweit S, Plancoulaine B, Herlin P, Bogomolovas J, Grabauskiene V, **Laurinavicius A**, Quantification of myocardial fibrosis by digital image analysis and interactive stereology. *Diagnostic Pathology*, 2014, 9:114, ISSN: 1746-1596
34. Asoklis R, Kadziauskiene A, Paulaviciene R, Petroska D, **Laurinavicius A**, Quantitative histopathological assessment of ocular surface squamous neoplasia using digital image analysis. *Oncology Letters*, 2014, 8(4):1482-1486, ISSN: 1792-1074; eISSN: 1792-1082.

35. Daunoravicius D, Besusparis J, Zurauskas E, Laurinaviciene A, Bironaite D, Grabauskiene V, **Laurinavicius A**. Quantification of myocardial fibrosis by digital image analysis methods and pathologist visual scoring versus digital stereology. *European Journal of Heart Failure*, 2014, 16: 222-222, ISSN: 1388-9842, eISSN: 1879-0844.
36. Galli R, Sablinskas V, Dasevicius D, **Laurinavicius A**, Jankevicius F, Koch E, Steiner G. Non-linear optical microscopy of kidney tumours. *J Biophotonics* 2014, 7(1-2):23-7, ISSN: 1864-063X.
37. **Laurinavicius A**, Laurinaviciene A, Meskauskas R, Baltrusaityte I, Besusparis J, Herlin P, Plancolaine B, Elie N, Belhomme P, Bor-Angelier C, Automated image analysis enables accurate enumeration of the Ki-67 labelling index of breast cancer. *VIRCHOWS ARCHIV* 2013, 463:101-101, ISSN: 0945-631.
38. Mastaviciute A, Alekna V, **Laurinavicius A**, Tamulaitiene M, Petroska D, Straziene V, Relationship Between Skeletal Muscle Mass, Strength and Physical Performance in Elderly Men With Sarcopenia. *OSTEOPOROSIS INTERNATIONAL*, 2013, 24:S242-S242, ISSN: 0937-941X, eISSN: 1433-2965.
39. **Laurinavicius A**, Besusparis J, Didziapetyte J, Radziuviene G, Meskauskas R, Laurinaviciene A. Digital Immunohistochemistry: New Horizons and Practical Solutions in Breast Cancer Pathology. *Diagn Pathol* 2013, 8(Suppl 1): S15.
40. **Laurinavicius A**, Raslavicus P. Consequences of "going digital" for pathology professionals - entering the cloud. *Stud Health Technol Inform* 2012, 179:62-7.
41. Garcia-Rojo M, Daniel C, **Laurinavicius A**. SNOMED CT in Pathology. *Stud Health Technol Inform* 2012, 179:123-40.
42. Daniel C, Booker D, Beckwith B, Della Mea V, Garcia-Rojo M, Havener L, Kennedy M, Klossa J, **Laurinavicius A**, Macary F, Punys V, Scharber W, Schrader T. Standards and specifications in pathology: image management, report management and terminology. *Stud Health Technol Inform* 2012, 179:105-122.
43. Perspectives on digital pathology // *Editors* Garcia-Rojo M, Blobbel B, **Laurinavicius A**. *Stud Health Technol Inform* 2012, 179:105-122.
44. Cortese R, Kwan A, Lalonde E, Bryzgunova O, Bondar A, Wu Y, Gordevicius J, Park M, Oh G, Kaminsky Z, Tverkuviene J, **Laurinavicius A**, Jankevicius F, Senderek DH, Haider S, Wang SC, Jarmalaite S, Laktionov P, Boutros PC, Petronis A. Epigenetic markers of prostate cancer in plasma circulating DNA. *Hum Mol Genet* 2012, 16:3619-3631, ISSN: 0964-6906.
45. Sabaliauskaite R, Jarmalaite S, Petroska D, Dasevicius D, **Laurinavicius A**, Jankevicius F, Lazutka JR: Combined analysis of TMPRSS2-ERG and TERT for improved prognosis of biochemical recurrence in prostate cancer. *Genes Chromosomes Cancer* 2012, 51(8):781-791, ISSN: 1045-2257.
46. Simanauskiene E, Daugelaviciene V, **Laurinavicius A**, Mickys U, Simonyte V, Vaitkeviciene G, Verkauskas G: Unilateral hydronephrosis and renal damage after acute leukemia. *Case reports in medicine* 2012, 2012:968491.
47. **Laurinavicius A**, Laurinaviciene A, Ostapenko V, Dasevicius D, Jarmalaite S, Lazutka J. Immunohistochemistry profiles of breast ductal carcinoma: factor analysis of digital image analysis data. *Diagn Pathol* 2012; 7:27, ISSN: 1746-1596.
48. Yagi Y, Rojo MG, Kayser K, Kayser G, **Laurinavicius A**, Della Mea V, Levy B, Klossa J, Tearney G, Szymas J, Tsuchihashi Y, and Tetu B. The First Congress of the International Academy of Digital Pathology: digital pathology comes of age. *Anal Cell Pathol (Amst)* 2012, 35, 1-2, ISSN: 2210-7177.
49. **Laurinavicius A**, Laurinaviciene A, Dasevicius D, Elie N, Plancolaine B, Bor C, Herlin P. Digital image analysis in pathology: Benefits and obligation. *Anal Cell Pathol (Amst)* 2012, 35, 75-78, ISSN: 2210-7177.
50. Laurinaviciene A, Dasevicius D, Ostapenko V, Jarmalaite S, Lazutka J, **Laurinavicius A**. Membrane connectivity estimated by digital image analysis of HER2 immunohistochemistry is concordant with visual scoring and fluorescence in situ hybridization results: algorithm evaluation on breast cancer tissue microarrays. *Diagn Pathol* 2011, 6(1):87, ISSN: 1746-1596.
51. Rojo MG, **Laurinavicius A**, Punys V, Gehring S. Encoding pathology diagnosis with SNOMED CT: feasibility of migration from SNOMED II to SNOMED CT. *Virchows Archiv* 2011, 459:S309-S309, ISSN: 0945-6317.
52. Hufnagel P, Schrader T, Rojo G, **Laurinavicius A**, Kayser G. Demands on scanner developments based on technical and human tests. *Virchows Archiv* 2011, 459:S314-S315, ISSN: 0945-6317.

53. Sablinskas V, Ceponkus J, Dasevicius D, Hendrixson V, Jankevicius F, Koch H, **Laurinavicius A**, Steiner G, Urboniene V. Infrared spectroscopic imaging of renal tumor tissue, *J Biomed Opt* 2011, 16, 096006, ISSN: 1083-3668.
54. Daniunaite K, Berezniakovas A, Jankevicius F, **Laurinavicius A**, Lazutka JR, Jarmalaite S. Frequent methylation of RASSF1 and RARB in urine sediments from patients with early stage prostate cancer. *Medicina (Kaunas)* 2011, 47(3):147-153, ISSN: 1010-660X.
55. Brazdziute E, **Laurinavicius A**. Digital pathology evaluation of complement C4d component deposition in the kidney allograft biopsies is a useful tool to improve reproducibility of the scoring. *Diagn Pathol*, 2011,6 Suppl 1, S5, ISSN: 1746-1596.
56. Daniel C, Macary F, García Rojo M, Beckwith BA, Klossa J, **Laurinavicius A**, della Mea V. Recent advances in standards for collaborative digital anatomic pathology. *Diagn Pathol*, 2011, 6 Suppl 1, S5, ISSN: 1746-1596.
57. Sabaliauskaitė R., Petroška D., Dasevičius D., **Laurinavičius A.**, Jankevičius F., Lazutka J.R., Jarmalaitė S. Molecular analysis of multifocal prostate cancer cases. *ACTA MEDICA LITUANICA*. 2011. Vol. 18. No. 4. P. 147–155
58. Rimiene J, Petronytė J, Gudleviciene Z, Smailytė G, Krasauskaite I, **Laurinavicius A**. A Shandon PapSpin™ Liquid-Based Gynaecological Test: Split-Sample and Direct-To-Vial Test with Histology Follow-up Study. *Cytojournal* 2010,7:2, ISSN: 0974-5964.
59. Jankevicius F, Jarmalaite S, Sabaliauskaite R, Kalinauskaite N, Dasevicius D, Laurinavicius A, Lazutka, J, TMPRSS2: ERG gene fusion and epigenetic changes in tumour suppressor genes are associated with clinical markers of poor prognosis in prostate cancer patients. *EUROPEAN UROLOGY SUPPLEMENTS*, 2009, 8:573-573, ISSN: 1569-9056.
60. Punys V, **Laurinavicius A**, Puniene J. A data model for handling whole slide microscopy images in picture archiving and communications systems. *Stud Health Technol Inform* 2009, 150:856-860, ISSN: 0926-9630.
61. Rimienė J, Kurtinaitienė R, Keršulytė D, Musteikienė J, Murmienė S, **Laurinavičius A**. Konizuotosios gimdos kaklelio dalies operacinio pjūvio kraštu histologinio tyrimo svarba esant žymiems plokščialąsteliniais intraepiteliniams pakitimams. *Medicinos teorija ir praktika* 2009, 15(4): 406–411.
62. Anttila A, Ronco G, Wiener HG, Rasky E, Horvat R, Arbyn M, Annemans L, Vandenbroecke A, Panayotova Y, Todorova ILG, Valerianova Z, Azina-Chronides M, Tachezy R, Hamšíková , Šmahelová J, Rob L, Lynge E, Rygaard C, Bjerregaard B, Veerus P, Aasmaa A, Raud T, Leinonen M, Nieminen P, Fender M, Duport M, Ancelle-Park R, Baldauf JJ, Mund M, Knöpnadel J, Schenck U, Becker N, Vass L, Döbrössy L, O'Reilly M, Federici A, Zappa M, Viberga I, Engele L, Kurtinaitis J, Armonaviciene A, **Laurinavicius A**, Scharpantgen A, Scheiden R, Wagener C, Knolle U, Wehenkel A, Dippel W, Capesius C, Dalmas M, Busuttill R, Rebolj M, van Ballegooijen M, Chil A, Gózdź S, Starzewski J, Didkowska J, Morais A, Nicula FA, Şuteu O, Păiş R, Neamţiu L, Masak L, Primic-Žakelj M, Pogačnik A, Uršič-Vrščaj M, Zadnik V, de Sanjosé S, Ibañez R, Ferrer E, Andrae B, Patnick J, Lancucki L. Description of the national situation of cervical cancer screening in the member states of the European Union. *Eur J Cancer* 2009, 45: 2685-2705.
63. Beitnaraitė S, Kovaliūnas E, **Laurinavičius A**. Pirminės glomerulopatijos Lietuvoje (2000-2006 metų inkstų biopsijų retrospektyvioji analizė). *Medicina* 2007 43 Suppl 1: 6-10.
64. Žurauskas E, Ušinskiene J, Gaigalaitė V, Blanc R; Ušinskas A; **Laurinavičius A**. Dirbtinių intrakranijinės aneurizmos modelių kūrimas angiografiniams tyrimams. *Medicina* 2007, (7): 562-567.
65. Maslauskienė R, Bublytė IA, Šileikienė E, Gražulis S, **Laurinavičius A**, Plečkaitis M, Aleknienė D, Dobrovolskienė R, Vainauskas V, Juodeikienė L, Steckis R, Sakalauskienė M, Macius K, Urbanavičienė J, Labutienė V, Gaubšienė E, Žiaukienė G, Burbaickaja S, Gailiūnas J. Fabry ligos paplitimas tarp hemodializuojamų ligonių (vyrų) Lietuvoje (atrankinis tyrimas). *Medicina* 2007, 43 Suppl 1: 77-80.
66. Zablockis R, Nargėla VR, **Laurinavičius A**, Žurauskas E, Sosnovskaja I, Davidavičienė E. Sergančiųjų tuberkulioziniu pleuritu lyties, amžiaus, diagnozės metodo bei laiko nuo ligos simptomų pradžios iki diagnozės nustatymo įvertinimas. *Vaikų pulmonologija ir alergologija* 2007, 10(1): 3511-3519.
67. Razukeviciene L, Bumblyte IA, Kuzminskis V, **Laurinavicius A**. Membranoproliferative glomerulonephritis is still the most frequent glomerulonephritis in Lithuania. *Clinical Nephrology* 2006, 65: 87-90, ISSN: 0301-0430.

68. Šalkus G, Petroška D, Meškauskas R, Rimienė J, Kulboka A, **Laurinavičius A**, Jankevičius F. Ląstelių blokas – jautresnis tačiau mažiau specifiškas metodas diagnozuojant urotelio karcinomą iš šlapimo pūslės nuoplovų. *Medicinos teorija ir praktika*. 2006; 1(45): 50-53.
69. **Laurinavičius A**, Rennke HG. Glomerulopatija colapsante. *Salud(i)Ciencia* 2005, 13:3-8.
70. Kurtinaitis J, Smailytė G, Rimienė J, Čigriejienė VM, **Laurinavičius A**. Detection of cervical cancer and precancerous lesions in 2001 - 2003 in Lithuania.(Gimdos kaklelio vėžio ir ikivėžinės patologijos išaiškinimas Lietuvoje 2001-2003 metais.) *Medicinos teorija ir praktika*, 2005. Nr. 2. P. 99-102.
71. Kaltenis P, Schumacher V, Jankauskienė A, **Laurinavičius A**, Royer-Pokora B. Slow progressive FSGS associated with an F392L WT1 mutation. *Pediatric Nephrology* 2004, 19:353-356.
72. Jankauskienė S, Žurauskas E, Laurinavičienė A, Vaišnytė B, Barkauskas E, Kučinskienė Z, **Laurinavičius A**. Detection of Chlamydia pneumoniae in atherosclerotic tissue and investigation of serologic status in patients with chronic atherosclerosis. *Laboratorinė Medicina* 2003, 4:21-26.
73. Furness, PN, Taub N, Assmann KJ, Banfi G, Cosyns JP, Dorman, AM, Hill CM, Kapper SK, Waldherr R, **Laurinavičius A**, Marcussen N, Martins AP, Nogueira M, Regele H, Seron D, Carrera M, Sund S, Taskinen EI, Paavonen T, Tihomirova T, Rosenthal R. International variation in histologic grading is large, and persistent feedback does not improve reproducibility. *American Journal of Surgical Pathology* 2003, 27: 805-810.
74. Sipavičius R, Gražienė V, Žurauskas E, Šalkus G, **Laurinavičius A**, Misevičius K, Dukštaitė A, Sirvydis V. Preservation quality assessment of low potassium Euro-Collins solution and standard Euro-Collins solution in a canine single lung transplant model. *Seminars in Cardiology* 2003, 9: 49-52.
75. Sipavičius R, Gražienė V, Žurauskas E, Šalkus G, **Laurinavičius A**, Sirvydis V. Preservation quality assessment of low potassium Euro-Collins solution and standard Euro-Collins solution in a canine single-lung transplant model. *Medicinos teorija ir praktika* 2003, 33: 14-18.
76. Razukevičienė L, Kuzminskis V, Bumblytė IA, **Laurinavičius A**. The indications of renal biopsies and spectrum of renal diseases in the nephrological centers of Lithuania (a five-year study). *Medicina*, 2003, 39: 1-8.
77. Razukevičienė L, Kuzminskis V, Bumblytė IA, **Laurinavičius A**. Prognosis of chronic renal failure in patients with membranous nephropathy. *Medicine*, 2003, 39: 9-15.
78. **Laurinavičius A**, Gruodytė E, Priluckienė J, Razukevičienė L, Supranavičienė L, Šalkus G. Potential causes of antigenemia in the patients with an immune complex-mediated membranoproliferative glomerulonephritis in Lithuania. *Medicine*, 2003, 39: 28-32.
79. Rainienė T, Papinigienė L, **Laurinavičius A**. Nefrotoksinis ciklosporino A Nephrotoxicity of cyclosporine A after kidney transplantation. *Medicine*, 2003, 39: 161-165.
80. Kidney Disease/Miglinas M, Juknevičius I, **Laurinavičius A**, Razukas V, Zekonis M. – Vilnius, “Vaistų Žinios”, 2003. – 474 p. ISBN 9955-511-23-0
81. **Laurinavičius A**, Rennke HG. Collapsing glomerulopathy – a new pattern of renal injury. *Seminars in Diagnostic Pathology* 2002, 19: 106-115.
82. **Laurinavičius A**, Šalkus G. Primary glomerulopathies in Lithuania (retrospective analysis of 1995–2001 renal biopsy data). *Sveikatos mokslai*, 2002, 6: 8-11.
83. Bačiulis V, **Laurinavičius A**. Imunoglobulin A nephropathy. *Sveikatos mokslai*, 2002, 6: 40-47.
84. Dzhanaliev BR, Varshavsky VA, **Laurinavičius A**. Primary glomerulonephropathies: frequency, dynamics and clinical manifestations of morphological variants. *Arkh Patol* 2002, 2:32-35.
85. Jankauskienė A, Druskis V, **Laurinavičius A**. Cyclosporine Nephrotoxicity: Associated Allograft Dysfunction at Low Trough Concentration. *Clinical Nephrology* 2001, 56: S27-S29.
86. Furness BM, Taub N, Assmann K, Banfi G, Botelis JN, Nakopoulou L, Cosyns J-P, Dorman A, Droz D, Noel L-H, Hill CM, Ivanyi B, Kapper S, Larsson E, **Laurinavičius A**, Marcussen N, Martins A-P, Mihatsch MJ, Regele H, Rossmann P, Rowinski W, Seron D, Solez K, Sund S, Taskinen E, Paavonen E, Tihomirova T, Rosenthal R. International Variation in the interpretation of renal transplant biopsies: Report of the CERTPAP project. *Kidney International* 2001, 60:1998-2012
87. **Laurinavičius A**. [Diseases and syndromes with predominantly renal impairment. pathological anatomy] (vadovėlis aukštųjų mokyklų studentams, 2-asis leid.) Red. E. Stalioraitytė, Kaunas – 2001.

88. Kasteckas M, Vaišnoras T, **Laurinavičius A.** Primary glomerulopathies in Lithuania (retrospective analysis of 1995–1999 renal biopsy data). *Medicine* 2001, 37: 429-432.
89. Razukevičienė L, Bumblytė I.A., Kuzminskis V, **Laurinavičius A.**, Priluckienė J., Stanaitytė N. Renal Biopsy 1994-1999: Indications, the most common form of kidney damage pathomorphical (Lietuvos nacionalinio inkstų biopsijos registro kūrimo pradžia). *Medicine* 2001, 37: 433-438.
90. Miglinas M, Šapoka V, **Laurinavičius A.** Histomorfologinio test is kidney disease diagnosis, *Internal Medicine* 2001.
91. **Laurinavičius A.**, Hurwitz S, Rennke HG. Collapsing glomerulopathy in HIV and non-HIV patients: a clinicopathologic and follow-up study. *Kidney International* 1999, 56:2203-2213.
92. Pependikyte V, **Laurinavičius A.**, Paterson AD, Macciardi F, Kennedy JL, Petronis A. DNA methylation at the putative promoter region of the human dopamine D2 receptor gene. *NeuroReport* 1999, 10:1249-1255.
93. Razukas V, Vitkienė V, Dobrovolskis K, Pliuškys JA, **Laurinavičius A.**, Miglinas M. Successfully treated Goodpasture's syndrome. *Medicine* 1999, 35:43-46.
94. Danila E., Barakauskienė A., Šatkauskas B., **Laurinavičius A.**, Augūnienė A. Bronchial mucosal biopsies in patients with chronic bronchitis: airway inflammation activity assessment. *Medicine*. 1999, 35:669-679.
95. Miglinas M, Kuzminskis V, Priluckienė J, **Laurinavičius A.**, Rumpelt H.J. Nephrotic syndrome occurring glomerulopathies: 96 case studies. *Medicine* 1998, 34(6): 29-30.
96. Razukevičienė L., Kuzminskis V., Bumblytė I.A., Pečeliūnaitė L., **Laurinavičius A.** Primary and secondary kidney damage frequency and the clinical expression. *Medicina*, 1998, 34, supl.6, P.18-22.
97. Žvinklienė G, Baležantienė G, Gruodytė E, **Laurinavičius A.**, Silickas V, Šerpytienė G. Kidney biopsy and glomerulonephritis. *Medicina* 1998, 34(6): 23-28.
98. Razukevičienė L, Kuzminskis V, Bumblytė I.A, Pečeliūnaitė L, **Laurinavičius A.** Primary and secondary glomerulopathies incidence and clinical manifestations (Kauno Medicinos Universiteto Nefrologijos klinikos duomenimis). *Medicina* 1998, 34(6): 18-22.
99. Jankauskienė A, Druskis V, **Laurinavičius A.** Cyclosporin A nephrotoxicity at low concentrations in the blood. *Medicine* 1998, 34(6): 68-70.
100. Gražienė V, Budriūtė D, **Laurinavičius A.** Liposomes as a drug delivery system. *Acta Medica Lituanica* 1994; 3:38-41.
101. Sakalinskas V, Jankauskas R, **Laurinavičius A.** Sex estimation from auditory ossicles. *Forensic Odont Anthropol* 1993; 7: 56-61.
102. **Laurinavičius A.**, Varshavsky VA. Primary glomerulonephritis: incidence, dynamics, clinical manifestations of morphological types (on the basis of kidney biopsies of the chair of pathology, I.M.Sechenov Moscow Medical Academy, from 1970 to 1989).- *Arkh Patol* 1992; 54(9):25-29.
103. Varshavsky VA, **Laurinavičius A.**, Zhigalin VG. Characteristics of primary glomerulonephritis (on the basis of kidney biopsies of the pathology department, I.M.Sechenov Moscow Medical Academy, from 1980 to 1989). *Arkh Patol* 1992;54(6):36-40.
104. Varshavsky VA, **Laurinavičius A.**, Severgina ES. Membranous nephropathy associated with kidney amyloidosis. *Arkh Patol* 1991;53(7):19-23.
105. Ptashekas RS, **Laurinavičius A.**, Uloza LI. Knowledge of general pathologic anatomy in 5th-year students. *Arkh Patol* 1991; (1): 53-54.
106. Ptashekas RS, **Laurinavičius A.**, Zlatkus GV, Uloza LI. The use of the class of KUVT-86 computers for examination of pathologic anatomy. *Arkh Patol* 1989;51(9):67-69.