

# ■ MAX SIURALA AWARD ■

6.2.2020

**Professor Katri Kaukinen**

Tampere, Finland



## CURRICULUM VITAE

**NAME** Kaukinen, Katri  
**Maria**

**DATE OF BIRTH** September 3, 1964

### CURRENT POSITION

Professor in Internal Medicine, Tampere University	2014-
Chief physician of Department of Internal Medicine, Tampere University Hospital	2014-
Director of Celiac Disease Research Center, Tampere University	2016-

### EDUCATION AND DEGREES AWARDED

Medical doctor, University of Helsinki	1990
Specialist in Internal Medicine, University of Tampere	1997
Specialist in Gastroenterology, University of Tampere	2000
PhD, University of Tampere (Topic of doctoral dissertation: Latent celiac disease)	2000
Title of Docent in Internal Medicine, University of Tampere	2003
Fellow in Gastroenterology, EU Medical Specialties	2005
University pedagogic training for medical doctors	2013

### SELECTED PREVIOUS PROFESSIONAL APPOINTMENTS

Senior consultant in Medicine, Tampere University Hospital	1997-2000
Trainee in Gastroenterology, Tampere University Hospital	1997-2000
Post-doctoral researcher Southampton University, UK	2001-2002
Clinical lecturer, University of Tampere	2002-2004
Senior researcher, University of Tampere	2004-2010
Academy Research Fellow, University of Tampere	2010-2012
Chief physician (50%), Seinäjoki Central Hospital	2012-2014
Professor in Internal Medicine (50%), University of Tampere	2012-2014

### DUTIES AS SCIENTIFIC, PROFESSIONAL EXPERT

Opponent of doctoral thesis 8 times, Reviewer of doctoral thesis 9 times  
Statement for professorship/associate professorship/docentship 4 times

#### Referee for medical journals:

Membership of editorial board: Scandinavian Journal of Gastroenterology 2003-, Journal of Clinical Gastroenterology 2012-. Reviewer for e.g. JAMA, Lancet, Lancet Neurology, Gut, Blood, Gastroenterology, Nature Reviews Gastroenterology & Hepatology, American Journal of Medical Genetics

#### Acting as reviewer for scientific grants or awards:

Finnish Foundation for Gastroenterological Research, grant evaluator 2008-  
Duodecim: Evaluator of Konrad ReijoWaara award nominees 2013-2015  
Swedish Research Council, grant evaluator 2012-2013 and 2019-

#### Working on consensus statements, treatment guidelines:

Medical Advisory Board of Finnish Coeliac Society, member 2000-, chairman 2015-  
Current care guidelines for celiac disease (Duodecim: Käypä hoito), member 2003-, chairman 2015-  
International Working Group on Prolamin Analysis and Toxicity (www.wgpat.com) member 2004-11  
Consensus working group: New Classification of Gluten-Related Disorders, member 2011-13  
Working Group for New Guidelines for the Management of Celiac Disease (Oslo group), member 2010-18  
International Consensus working group: CD and NCGS Histology, member 2018-

#### Other important scientific positions of trust held:

Board of Finnish Society of Gastroenterology, member 2004-7, secretary 2005-7  
European Board of Gastroenterology/ EUMS, Finnish representative 2004-10  
Board of Finnish Foundation for Gastroenterological Research, member 2008-  
Board of National Graduate School of Clinical Investigation, member 2012-15  
Publication Forum Project of Federation of Finnish Learned Societies, member of panel 2013-17  
Board of Finnish Society of Internal Medicine, vice-chairman 2017-18, chairman 19-  
Organization committee of Tampere Medical Symposium, vice-chairman 2017-18, chairman 19-  
Tampere University, Faculty council, vice-chairman 2017-18, member 2014-  
Tampere University, Science council, member 2019-

### **MOST IMPORTANT SCIENTIFIC GRANTS**

Medical Research Fund of Tampere University Hospital (EVO/VTR/TAYS), 2004-2022  
Finnish Medical Foundation, 2004-2006  
Finnish Foundation for Pediatric Research 2005-2010  
TEKES-SHOK IMO-Intelligent monitoring of health 2010-13  
Academy of Finland 2007-2019  
Sigrid Juselius Foundation 2009-2021  
Ministry of Agriculture and Forestry 2018-2021

### **SUPERVISED DOCTORAL THESIS**

MD Mervi Viljamaa 2006; MD Teea Salmi 2006, MD Tiina Raivio 2008, MD Sini Lohi 2010, MD Outi Koskinen 2010, MD Kalle Kurppa 2010, MSc Essi Myrsky 2010, MSc Satumarja Stenman 2011, MD Anniina Ukkola 2012, MD Anitta Vilppula 2014, MD Tuire Ilus 2014, MD Anitta Ruuskanen 2014, MSc Tiina Rauhavirta 2014, MD Pilvi Laurikka 2017, MD Camilla Pasternack 2019, MD Henna Pekki 2019, MSc Minna Hietikko 13.3.2020.

**Furthermore, supervisor for 10 ongoing PhD projects**

### **SUPERVISED PRE-GRADUATE STUDIES AND POST-DOCTORAL RESEARCHERS**

Supervisor for altogether 19 national or international post-doctoral researchers, and 25 supervised pre-graduate projects (for MD or MSc studies)

## PUBLICATIONS AND INVITED KEYNOTE LECTURES ABROAD

**262 Peer-reviewed international scientific articles**, 16 manuscripts, 20 book chapters, editor in 2 textbooks, 1 patent application, 1 invention disclosure, 33 other publications. Altogether over 400 scientific abstracts in national and International meetings. Altogether over 60 times as an invited keynote speaker in international scientific meetings (in USA, UK, Ireland, France, Spain, Germany, Italy, Austria, Netherlands, Norway, Sweden, Estonia, Island, Slovenia, Czech). Several times acted as a chair-person in international scientific meetings

16.1.2020 ISI, Web of Science: **11113 Citations /257 publications; Hirsch-index 53**

## 20 SELECTED PUBLICATIONS

1. Kaukinen K, Halme L, Collin P, Färkkilä M, Mäki M, Vehmanen P, Partanen J, Höckerstedt K. Celiac disease in patients with severe liver disease. Gluten-free diet may reverse hepatic failure. *Gastroenterology*, 2002;122:881-8. [IF 19.233]
2. Kaukinen K, Partanen J, Mäki M, Collin P. HLA DQ2 and DQ8 typing in the diagnosis of celiac disease. *Am J Gastroenterol*, 2002;97:695-9. [IF 10.241]
3. Viljamaa M, Collin P, Huhtala H, Sievänen H, Mäki M, Kaukinen K. Is celiac disease screening in risk groups justified? Fourteen year follow-up with a special focus on compliance and quality of life. *Aliment Pharmacol Ther* 2005;22:317-24. [IF 7.731]
4. Salmi TT, Collin P, Korponay-Szabo I, Laurila K, Partanen J, Huhtala H, Kiraly R, Lorand L, Reunala T, Mäki M, Kaukinen K. Endomysial antibody-negative coeliac disease: clinical characteristics and intestinal autoantibody deposits. *Gut*, 2006;55:1746-1753. [IF 17.943]
5. Salmi TT, Collin P, Järvinen O, Haimila K, Partanen J, Laurila K, Korponay-Szabo I, Huhtala H, Reunala T, Mäki M, Kaukinen K. IgA autoantibodies against transglutaminase 2 in the small intestinal mucosa predict forthcoming celiac disease. *Aliment Pharmacol Ther*, 2006;24:541-52. [IF 7.731]
6. Lohi S, Mäki M, Montonen J, Knekt P, Pukkala E, Reunanen A, Kaukinen K. Malignancies in cases with screening-identified evidence of coeliac disease: a long-term population-based cohort study. *Gut*, 2009;58:643-7. [IF 17.943] with editorial
7. Kurppa K, Collin P, Viljamaa M, Haimila K, Saavalainen P, Partanen J, Laurila K, Huhtala H, Paasikivi K, Mäki M, Kaukinen K. Diagnosing mild enteropathy celiac disease: a randomized, controlled clinical study. *Gastroenterology*, 2009;136:816-23. [IF 19.233]
8. Dubois PCA, Trynka G, Franke L, Hunt KA, Romanos J, Curtotti A, Zhernakova A, HeapGAR, Ádány R, Aromaa A, Bardilla MT, van den Berg LH, Bockett NA, de la Concha EG, Dema B, Fehrmann RSN, Fernández-Arquero M, Fiatal S, Grandote E, Green PM, Groen HJM, Gwilliam R, Houwen RHJ, Hunt SE, Kaukinen K, Sëller D, Korponay-Szabol, Kurppa K, MacMathuna P, Mäki M, Mazzilli MC, Owen T McCann, Mearin ML, Mein CA, Mirza MM, Mistry V, Mora B, Morley KI, Mulder CJ, Murray JA, Núñez C, Oosterom E, Ophoff RA, Polanco I, Peltonen L, Platteel M, Rybak A, Salomaa V, Schweizer JJ, Sperandeo MP, Tack GJ, Turner G, Veldink JH, Verbeek WHM, Weersma RK, Wolters VM, Urcelay E, Cukrowska B, Greco L, Neuhausen SL, McManus R, Barisani D, Deloukas P, Barreto JC, Saavalainen P, Wijmenga C, van Heel DA. Multiple common variants for celiac disease influencing immune gene expression. *Nat Genet*, 2010;42:295-302 [IF 25.455] with editorial
9. Ukkola A, Mäki M, Kurppa K, Collin P, Huhtala H, Kekkonen L, Kaukinen K. Diet improves perception of health and well-being among only symptomatic patients with celiac disease. *Clin Gastroenterol Hepatol*, 2011;9:118-123. [IF 7.958]
10. Ilus T, Lähdeaho M-L, Salmi T, Haimila K, Partanen J, Saavalainen P, Huhtala H, Mäki M, Collin P, Kaukinen K. Persistent duodenal intraepithelial lymphocytosis despite a long-term strict gluten-free diet in celiac disease. *Am J Gastroenterol* 2012;107:1563-9 [IF 10.241]
11. Sapone A, Bai JC, Ciacci C, Dolinsell J, Green PHR, Hadjivassiliou M, Kaukinen K, Rostami K, Sanders DS, Schuman M, Ullrich R, Villalta D, Volta U, Catassi C, Fasano A. Spectrum of gluten-related disorders: consensus on new nomenclature and classification. *BMC Medicine*, 2012;10:13. [IF 8.285, article highly assessed, 221315 times]
12. Kurppa K, Paavola A, Collin P, Sievänen H, Laurila K, Huhtala H, Saavalainen P, Mäki M, Kaukinen K. Benefits of gluten-free diet for asymptomatic patients with serologic markers of celiac disease. *Gastroenterology* 2014;147:610-7. [IF 19.233] with editorial

13. Lähdeaho ML, Kaukinen K, Laurila K, Vuotikka P, Koivurova OP, Kärjä-Lahdensuu T, Marcantonio A, Adelman DC, Mäki M. Attenuation of gluten-induced duodenal mucosa injury in celiac disease: results of a randomized controlled Phase 2 clinical trial of a novel gluteinase ALV003. *Gastroenterology* 2014;146:1649-58 [IF 19.233] with editorial
14. Ilus T, Kaukinen K, Virta LJ, Pukkala E, Collin P. Incidence of malignancies in diagnosed celiac disease patients: a population-based estimate. *Am J Gastroenterol* 2014;104:1471-1477 [IF 10.241]
15. Wacklin P, Laurikka P, Lindfors K, Colli P, Salmi T, Lähdeaho ML, Saavalainen P, Mäki M, Mättö J, Kurppa K, Kaukinen K. Altered duodenal microbiota composition in celiac disease patients suffering from persistent symptoms on a long-term gluten-free diet. *Am J Gastroenterol* 2014;109:1933-41 [IF 10.241]
16. See JA, Kaukinen K, Makharia G, Gibson P, Murray JA. Practical insights into gluten-free diets. *Nature Rev Gastroenterol Hepatol* 2015;12:580-91 [IF 23.750]
17. Ludvigsson JF, Bai JC, Biagi F, Card TR, Ciacci C, Ciclitira PJ, Green PH, Hadjivassiliou M, Holdaway A, van Heel DA, Kaukinen K, Leffler DA, Leonard JN, Lundin KE, McGough N, Davidson M, Murray JA, Swift GL, Walker MM, Zingone F, Sanders DS. Authors of the BSG Coeliac Disease Guidelines Development Group. Diagnosis and management of adult coeliac disease: guidelines from the British Society of Gastroenterology. *Gut* 2014;63:1210-28. [IF 17.943]
18. Pekki H, Kurppa K, Mäki M, Huhtala H, Sievänen H, Laurikka K, Collin P, Kaukinen K. Predictors and significance of incomplete mucosal recovery in celiac disease after 1 year on a gluten-free diet. *Am J Gastroenterol* 2015;110:1078-85. [IF 10.241]
19. Fuchs V, Kurppa K, Huhtala H, Laurila K, Mäki M, Collin P, Salmi T, Luostarinen L, Saavalainen P, Kaukinen K. Serology-based criteria for adult coeliac disease have excellent accuracy across the range of pre-test probabilities. *Aliment Pharmacol Ther.* 2019;49:277-284. [IF 7.731]
20. Lindfors K, Ciacci C, Kurppa K, Lundin KE, Makharia GK, Mearin ML, Verdu EF, Kaukinen K. Celiac disease. *Nature Rev Dis Primers.* 2019;5:3. doi: 10.1038/s41572-018-0054-z [IF 32.274]