

## SELECTED PUBLICATIONS, selected patent

1. Mäki M, Holm K, Lipsanen V, Hällström O, Viander M, Collin P, Savilahti E, Koskimies S. Serological markers and HLA genes among healthy first-degree relatives of patients with coeliac disease. *Lancet* 1991;338:1350-53.
2. Mäki M, Hällström O, Marttinen A. Reaction of human non-collagenous polypeptides with coeliac disease autoantibodies. *Lancet* 1991;338:724-25.
3. Mäki M, Holm K, Collin P, Savilahti E. Increase in gamma/delta T cell receptor bearing lymphocytes in normal small bowel mucosa in latent coeliac disease. *Gut* 1991;32:1412-4.
4. Holm K, Mäki M, Savilahti E, Lipsanen V, Laippala P, Koskimies S. Intraepithelial gamma/delta T-cell-receptor lymphocytes and genetic susceptibility to coeliac disease. *Lancet* 1992;339:1500-03.
5. Savilahti E, Reunala T, Mäki M. Increase of lymphocytes bearing the gamma/delta T-cell receptor in the jejunum of patients with dermatitis herpetiformis. *Gut* 1992;33:206-11.
6. Mäki M, Huupponen T, Holm K, Hällström O. Seroconversion of reticulin autoantibodies predicts coeliac disease in insulin-dependent diabetes mellitus. *Gut* 1995;36:239-42.
7. Halttunen T, Marttinen A, Rantala I, Kainulainen H, Mäki M. Fibroblasts and transforming growth factor b induce organization and differentiation of T84 human epithelial cells. *Gastroenterology* 1996;111:1252-62.
8. Mäki M, Collin P. Coeliac disease. *Lancet* 1997;349:1755-9.
9. Sulkanen S, Halttunen T, Laurila K, Kolho K-L, Korponay-Szabo I, Sarnesto A, Savilahti E, Collin P, Mäki M. Tissue transglutaminase autoantibody enzyme-linked immunosorbent assay in detecting celiac disease. *Gastroenterology* 1998;115:1322-8.
10. Mustalahti K, Collin P, Sievänen H, Salmi J, Mäki M. Osteopenia in patients with clinically silent coeliac disease warrants screening. *Lancet* 1999;354:744-5.
11. Halttunen T, Mäki M. Serum immunoglobulin A from patients with celiac disease inhibits human T84 intestinal crypt epithelial cell differentiation. *Gastroenterology* 1999;116:566-72.
12. 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.
13. Korponay-Szabó IR, Laurila K, Szondy Z, Halttunen T, Szalai Z, Dahlbom I, Rantala I, Kovács JB, Fésüs L, Mäki M. Missing endomysial and reticulin binding of coeliac antibodies in transglutaminase 2 knockout tissues. *Gut* 2003;52:199-204.
14. Mäki M, Mustalahti K, Kokkonen J, Kulmala P, Haapalahti M, Karttunen T, Ilonen J, Laurila K, Dahlbom I, Hansson T, Höpfl P, Knip M. Prevalence of celiac disease among children in Finland. *N Engl J Med* 2003;348:2517-24.
15. Korponay-Szabo IR, Halttunen T, Szalai Z, Laurila K, Király R, Kovács JB, Fésüs L, Mäki M. In vivo targeting of intestinal and extraintestinal transglutaminase 2 by coeliac autoantibodies. *Gut* 2004;53:641-8.
16. Salmi T, Collin P, Korponay-Szabo IR, 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;55:1746-53.
17. Hadjivassiliou M, Mäki M, Sanders DS, Williamson C, Grünewald RA, Woodroffe N, Korponay-Szabó IR. Autoantibody targeting of brain and intestinal transglutaminase in gluten ataxia. *Neurology* 2006;66:373-77.
18. Korponay-Szabó IR, Szabados K, Pusztai J, Uhrin K, Ludmány É, Nemes É, Kaukinen K, Kapitány A, Holopainen P, Sipka S, Imre A, Mäki M. District nurses finding coeliac disease in the population by decentralised rapid antibody testing at age six. *BMJ* 2007;335:1244-7.
19. 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.
20. Dubois PC, Trynka G, Franke L, Hunt KA, Romanos J, Curtotti A, Zhernakova A, Heap GA, Adány R, Aromaa A, Bardella MT, van den Berg LH, Bockett NA, de la Concha EG, Dema B, Fehrmann RS, Fernández-Arquero M, Fiatal S, Grandone E, Green PM, Groen HJ, Gwilliam R, Houwen RH, Hunt SE, Kaukinen K, Kelleher D, Korponay-Szabo I, Kurppa K, MacMathuna P, Mäki M, Mazzilli MC, McCann OT, 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 WH, Weersma RK, Wolters VM, Urcelay E, Cukrowska B, Greco L, Neuhausen SL, McManus R, Barisani D, Deloukas P, Barrett JC, Saavalainen P, Wijmenga C, van Heel DA. Multiple common variants for celiac disease influencing immune gene expression. *Nat Genet* 2010;42:295-302.

### Selected Patent

21. Mäki M, Korponay-Szabo I. Methods and Means for Detecting Gluten-Induced Diseases. USA States Patent Number 7,361,480 - USA, Patent Granted 22.4.2008. European Patent No. 1390753. European Patent Office 22.10.2008.