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Stofnun: Sýklafræðideild Landspítalans og læknaeild H.Í.

Aðsetur: Sýklafræðideild Landspítalans við Barónsstíg

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Námsferill

Stúdentspróf, Menntaskólinn í Reykjavík, 1973.

Kandídatpróf í lækisfræði (Cand med et chir), læknaeild, Háskóli Íslands, 1979.

Sérnám í sýklafræði (Clinical Microbiology) í Glasgow 1982-1983 (Glasgow Royal Infirmary) og í Sheffield, Englandi 1984-1988 (Royal Hallamshire Hospital og Northern General Hospital, Public Health Laboratory).

Sérfræðipróf í Bretlandi, MRCPATH, 1987.

Sérfræðiviðurkenning í sýklafræði í Bretlandi 1987 og á Íslandi 1987.

Rannsóknarleyfi, Hygiene Institut der Universitat zu Köln, Þýskalandi, 1988.

Doktorsnám samhliða sérnámi og fyrst eftir sérnám 1985-1990.

Doktorspróf frá The University of Sheffield, 1993, doktorsritgerð: Coagulase Negative Staphylococci and Foreign Body Associated Infections.

Gerður að Fellow of the Royal College of Pathologists (FRCPath), UK, 1997.

Fyrri störf

01.06.79 - 30.06.79 Lyflækningadeild og Húðeild Landspítalans Aðstoðarlæknir

01.07.79 - 31.07.79 Kvennadeild Landspítalans Aðstoðarlæknir

01.09.79 - 30.11.79 Handlækningadeild Landakotsspítala Aðstoðarlæknir

01.12.79 - 31.12.79 Grensásdeild Borgarspítalans Aðstoðarlæknir

01.01.80 - 31.05.80 Lyflækningadeild Landspítalans Aðstoðarlæknir

01.06.80 - 31.11.80 Barnadeild Landspítalans Deildarlæknir

01.12.80 - 31.01.81 Slysadeild Borgarspítalans Deildarlæknir

01.02.81 - 31.03.81 Grensásdeild Borgarspítalans Deildarlæknir

01.04.81 - 31.05.81 Sýklafræðideild Landspítalans Deildarlæknir

01.06.81 - 31.09.81 Sjúkrahús og heilsugæsla Skagafjarðar Heilsugæslulæknir

01.10.81 - 31.01.82 RH í meinafræði, Landspítala Deildarlæknir

01.02.82 - 31.07.83 Dept of Bacteriology, Glasgow Royal Infirmary Registrar

01.09.83 - 31.07.84 Sýklafræðideild Landspítalans Deildarlæknir

01.08.84 - 31.08.86 Dept. of Bacteriology, Royal Hallamshire Hospital Senior Registrar

01.09.86 - 28.02.88 Public Health Laboratory, Northern General Hospital Senior Registrar

01.03.88 - 30.06.88 Hygiene Institute, der Universitat zu Köln, Research Fellow

01.07.88 - 31.08.99 Sýklafræðideild Landspítalans Sérfræðingur

Nefndarstörf

Fræðslunefnd Landspítalans, 1990-1992.

Formaður sýkingavarnanefndar Landspítalans, 1990-1999.

Formaður Samtaka um sýkingavarnir á sjúkrahúsum, frá 1991.

Bygginganefnd læknaeildar, frá 1992.

Formaður Félags Íslenskra Meinafræðinga, 1992-1996.

Nefnd læknaeildar um stöðuveitingar, 1993-1995.

Þróunarnefnd læknaeildar, 1993-1995.

Vísindanefnd læknaeildar, 1994-1998, formaður, 1997-1998.

Ritnefnd Scandinavian Journal of Infectious Diseases, frá 1994.

Ritnefnd Microbial Drug Resistance, frá 1999.
Visindasiðanefnd, frá 1997, varaformaður 1997-1999.
Stjórn Scandinavian Society for Antimicrobial Chemotherapy, frá 1999.

Rannsóknir

Pneumókokkar, faraldsfræði og sameindafaraldsfræði.
Sýklalyfjaónæmi, faraldsfræði og sameindafaraldsfræði.
Sýklalyfjanotkun og tengsl þess við sýklalyfjaónæmi.
Bóluefni gegn pneumókokkum.
Campylobacter, faraldsfræði, sameindafaraldsfræði og íhlutandi aðgerðir.
Enterókokkar, sýklalyfjanæmi og sýklalyfjanotkun á Norðurlöndunum.
Helicobacter pylori, tengsl við krabbamein og hyperemesis gravidarum.
Íhlutandi aðgerðir gegn sýklalyfjaónæmi.

Erlendir samstarfsaðilar

Laboratory of Microbial Cell Biology and Infectious Diseases, Rockefeller University, New York, NY, USA.
Instituto de biologia Experimental e Tecnologica, ITQB, Oeiras, Portugal.
Ear, Nose and Throat Department, Lund University Hospital, Lund, Sweden.
State Seruminstitute, Copenhagen, Denmark.
Russell Research Center, US Dept. of Agriculture, Athens, Georgia, US.
Health Canada, Ottawa, Canada.

Kennsla

Sýklafræði 02.01.30-986, læknisfræði, læknadeild Háskóla Íslands.

Ritverk síðustu 5 ára

Kristinsson KG. Multiresistente bakterier i nordiskt perspektiv [in Swedish]. Nordisk Medicin 1995;109:42-44.
Kristinsson KG. What degree of resistance is still acceptable? In: Resistance in Gram-positive bacteria: Implications for the economics of treatment. The Medicine Publishing Foundation, Symposium Series 36, Oxford, 1995:75-87.
Sigfusson E, Kristinsson KG. Antimicrobial use in the Nordic countries '90-'93 [in Icelandic]. Lyfjatíðindi (Drug News) 1995;2:26-28.
Steingrímsson Ó, Ólafsson JH, Kristinsson KG, Geirsson RT, Thorsteinsson V, Ryan RW. Diagnostic efforts for the detection of Chlamydia trachomatis infections in Iceland 1982-1984. Læknablaðið (Icelandic Medical Journal) 1995;81:545-9.
Daviðsson S, Ólafsson JH, Karlsson SM, Kristinsson KG, Steingrímsson Ó. Prevalence of genital Chlamydia trachomatis infections in college students. Læknablaðið (Icelandic Medical Journal) 1995;81:553-6.
Kristinsson KG. Epidemiology of resistant pneumococci in Iceland. Microbial Drug Resistance 1995;121-5.
Kristinsson KG. Serological diagnosis of Helicobacter pylori infections [in Icelandic]. Læknablaðið (Icelandic Medical Journal) 1995;81:346-7.
Steingrímsson Ó, Sigurðardóttir Ý, Jónsdóttir KE, Kristinsson KG, Þorsteinsson SB. Human Listeriosis in Iceland in the years 1978 to 1993 [in Icelandic]. Læknablaðið (Icelandic Medical Journal) 1995;81:589-93.
Gunnlaugsson S, Kristinsson KG, Steingrímsson Ó. Isolation of Streptococcus pyogenes in the Dept. of Microbiology, National University Hospital 1986-1993 and results of serologic typing [in Icelandic]. Læknablaðið (Icelandic Medical Journal) 1995;81:728-32.
Kristinsson KG. 100 years after Pasteur - science in rapid evolution [in Icelandic]. Læknaneminn (Journal of the Icelandic Medical Students Association) 1995;48:88-93.
Kristinsson KG. Epidemiology of penicillin resistant pneumococci [in Icelandic]. Læknablaðið (Icelandic Medical Journal) 1996;82:9-19.
Gudjonsson ATh, Kristinsson KG, Gudmundsson S. Antibiotic use and misuse at the National University Hospital, Iceland [in Icelandic]. Læknablaðið (Icelandic Medical Journal) 1996;82:39-45.
Indriðason ÓS, Kristinsson KG, Ásmundsson P, Böðvarsson M. Peritonitis associated with continuous ambulatory peritoneal dialysis [in Icelandic]. Læknablaðið (Icelandic Medical Journal) 1996;82:53-9.
Magnason S, Kristinsson KG, Stefansson ThS, Erlendsdóttir H, Baldursdóttir L, Davidsdóttir E, Gudmundsson S.

Nosocomial infections in the Intensive Care Unit at Landspítalinn [in Icelandic]. *Læknablaðið* (Icelandic Medical Journal) 1996;82:60-65.

Kristinsson KG, Sigvaldadóttir E, Þjóðleifsson B. Prevalence of *H. pylori* antibodies in Iceland [in Icelandic]. *Læknablaðið* (Icelandic Medical Journal) 1996;82:366-370.

Kristinsson KG. Epidemiology of penicillin-resistant pneumococci. [In Swedish] *Nordisk Medicin* 1996;111(4):103-8.

Bergenzaun P, Kristinsson KG, Thjodleifsson B, Sigvaldadóttir E, Mölstað S, Held M, Wadström T. Seroprevalence of *Helicobacter pylori* in South Sweden and Iceland. *Scand J Gastroenterol* 1996;31:1157-61.

Arason VA, Kristinsson KG, Sigurdsson JA, Stefansdóttir G, Mölstað S, Gudmundsson S. Do antimicrobials increase the carriage rate of penicillin resistant pneumococci in children? *Br Med J* 1996;313:387-91.

Kristinsson KG. Increasing antimicrobial resistance - association with antimicrobial use [In Icelandic]. *Tannlaeknabladid* (Icelandic Dental Journal) 1996;14:19-20.

Steingrímsson Ó, Ólafsson JH, Kristinsson KG, Geirsson RT, Thorsteinsson V, Ryan RW. Results of diagnostic testing for infections caused by *Chlamydia trachomatis* in Iceland 1982-1993. Reflections on the prevalence. In: Bók Davíds, Ed. Björnsson ÓG, Háskólaútgáfan, University of Iceland, Reykjavik 1996, 537-544.

Kristinsson KG, Gudnason Th, Sigfusson E. The evolution of antimicrobial use and resistance in Iceland. The need for continuous control [in Icelandic]. *Læknablaðið* (Icelandic Medical Journal) 1997;83:46-47.

Gudlaugsson Ó, Kristinsson KG. Ampicillin resistant enterococci at Landspítalinn University Hospital and antimicrobial susceptibilities of enterococci in Iceland [in Icelandic]. *Laeknabladid* (Icelandic Medical Journal) 1997;83:205-210.

Kristinsson KG. Diagnosis of catheter related infection. In: *Catheter Related Infection*, ed. Seifert H, Jansen B and Farr BM, Marcel Dekker, Inc., New York 1997, pages 31-57.

Kristinsson KG. Effect of antimicrobial use and other risk factors on antimicrobial resistance in pneumococci. *Microb Drug Resist* 1997;3:117-23.

Jónsson JS, Sigurdsson JÁ, Kristinsson KG, Gudnadóttir M, Magnusson S. Acute bronchitis in adults: How close do we come to its etiology in general practice? *Scand J Prim Health Care* 1997;15:156-60.

Sigurdardóttir ST, Vidarsson G, Gudnason T, Kjartansson S, Kristinsson KG, Jonsson S, et al. Immune responses of infants vaccinated with serotype 6B pneumococcal polysaccharide conjugated with tetanus toxoid. *Pediatr Infect Dis J* 1997;16(7):667-74.

Bax R, Anderson R, Crew J, Fletcher P, Johnson T, Kaplan E, Knaus B, Kristinsson KG, Malek M, Strandberg L. Antibiotic Resistance - What can we do? *Nature Medicine*, 1998 May; 4(5):545-546.

Gudnason Th, Gudbrandsson F, Barsanti F, Kristinsson KG. Penetration of ceftriaxone into the middle ear fluid of children. *Pediatr Infect Dis J* 1998 Mar;17(3):258-260.

Vidarsson G, Sigurdardóttir ST, Gudnason T, Kjartansson S, Kristinsson KG, Ingólfssdóttir G, Jonsson S, Valdimarsson H, Schiffman G, Schneerson R, Jonsdóttir I. Isotypes and opsonophagocytosis of pneumococcus type 6B antibodies elicited in infants and adults by an experimental pneumococcus type 6B-tetanus toxoid vaccine. *Infect Immun* 1998 Jun;66(6):2866-2870

Einarsson S, Kristjánsson M, Kristinsson KG, Kjartansson G, Jónsson S. Pneumonia caused by penicillin non-susceptible and penicillin susceptible pneumococci in adults: A case-control study. *Scand J Infect Dis* 1998;30:253-6.

Austin DJ, Kristinsson KG, Anderson RM. The relationship between the volume of antimicrobial consumption in human communities and the frequency of resistance. *Proc Natl Acad Sci USA* 1999;96:1152-6.

90. Kristinsson KG, Hjaltested E, Sigfússon E, Steingrímsson Ó, Briem H. Erythromycin resistant *Streptococcus pyogenes* in Iceland - fast growing problem! [in Icelandic] *Laeknabladid* (Icelandic Medical Journal) 1999;85:150-2.

De Lencastre, H., K.G. Kristinsson, A. Brito-Avô, I. Santos Sanches, R. Sá-Leão, J. Saldanha, E. Sigvaldadóttir, S. Karlsson, D. Oliveira, R. Mato, M.A. Sousa, and A. Tomasz. 1997. Carriage of respiratory tract pathogens and molecular epidemiology of *Streptococcus pneumoniae* colonization in healthy children attending day care centers in Lisbon, Portugal. *Microb Drug Resist* 1999, 5:19-29.

Kalin M, Kristinsson KG. Drug resistance in *Streptococcus pneumoniae*, epidemiology and control [Review]. In: *Baillière's Clinical Infectious Disease, Antibiotic Resistance*, Ed. Finch RG and Williams R, 1999.

Kristinsson KG. Effect of antimicrobial use and other risk factors on antimicrobial resistance in pneumococci. In: *Streptococcus pneumoniae, Molecular biology and mechanisms of disease*. Ed. Tomasz A. Mary Ann Liebert, Inc., NY, USA, 2000, 419-25.

Kristinsson KG. Modification of prescribers behaviour: The Icelandic Approach. *Clin Microbiol Infect*, 1999;5;Suppl.4:43-7.

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children in day care centers in Lisbon: The Portuguese day care center initiative. *Clin Microbiol Infect* 1999;5;Suppl.4:55-63.

Ólafsson M, Kristinsson KG, Sigurdsson JÁ. Urinary tract infections, antibiotic resistance and sales of antimicrobial drugs--an observational study of uncomplicated urinary tract infections in Icelandic women *Scand J Prim Health Care*. 2000 Mar;18(1):35-8.).

Vilhelmsson SE, Tomasz A, Kristinsson KG. Molecular evolution in a multidrug-resistant lineage of *Streptococcus pneumoniae*: emergence of strains belonging to the serotype 6B Icelandic clone that lost antibiotic resistance traits. *J Clin Microbiol* 2000 Apr;38(4):1375-81