

## PERSONAL INFORMATION

Peter Szitanyi

## WORK EXPERIENCE

May 2008–Present

**Head of the ward - older children**

Department of Paediatrics and Adolescent Medicine of the First Faculty of Medicine and General University Hospital, Charles University in Prague (Czech Republic)

Pediatric Gastroenterology, Hepatology and Nutrition

## EDUCATION AND TRAINING

September 1988–June 1994

**MD**

Second Medical Faculty, Charles University, Prague (Czech Republic)

November 1997 Board examination I, the first step of specializing in pediatrics

March 2001 Board examination II, the final step of specializing in pediatrics

November 2007 Board examination, Pediatric Gastroenterology and Hepatology

July 2011 Board examination, Clinical Nutrition and Metabolic Intensive Care

October 1994–November 1999

**PhD**

Charles University, Prague (Czech Republic)

Thesis "Intrauterine undernutrition and lipids metabolism disorders"

## ADDITIONAL INFORMATION

**Expertise**

Pediatric Gastroenterology, Hepatology and Nutrition:

Endoscopy, IBD, parenteral and enteral nutrition, lipidology

**Publications**

In english and relevant to expertise data

- B. Koletzko, H. Demmelmair, W. Hartl, A. Kindermann, S. Koletzko, T. Sauerwald, P. Szitanyi: The use of stable isotope techniques for nutritional and metabolic research in paediatrics. *Early Human Development*, 1998, 53, S77-97
- P. Szitanyi, B. Koletzko, A. Mydlilová, H. Demmelmair: Metabolism of 13C-labelled linoleic acid in term newborn infants during the first week of life. *Ped Res*, 1999, May, 45: 669-73
- P. Szitanyi, J. Hanzlová, R. Poledne: Influence of intrauterine undernutrition on the development of hypercholesterolemia in an animal model. *Physiol Res*, 2000, 49, 721-724
- P. Szitanyi, H. Demmelmair, A. Mydlilová, B. Koletzko: Birthweight modulates postnatal metabolism of 13C-labelled linoleic acid. *J Pediatr Gastroenterol Nutr*, 2000, 31, Suppl 2, S169
- P. Szitanyi, J. Hubáček, H. Pistulková, J. Janda, R. Poledne: Low birth weight and hypercholesterolemia in childhood. *Int J Cardiology*, 2002, 82, Suppl 1, S18-19
- P. Szitanyi, R. Poledne, J. Janda: Intrauterine undernutrition and programming as a new risk of cardiovascular disease in later life. *Physiol Res* 2003, 52, 389-395
- Guidelines on Paediatric Parenteral Nutrition of ESPGHAN and ESPEN, supported by ESPR. B. Koletzko, O. Guulet, J. Hunt, K. Krohn, R. Shamir for the Parenteral Nutrition Guidelines Working Group. *JPGN*, vol 41, Supplement 2, November 2005
- P. Szitanyi, H. Pistulková, J. Hubáček, H. Stuchlíková, R. Poledne: APOE/intrauterine undernutrition interaction and hypercholesterolemia in children. *Physiol Res* 2008, (6) 57,
- O. Hradský, M. Lenicek, P. Dusatkova, J. Bronsky, J. Nevorál, V. Valtrova, R. Kotalova, P. Szitanyi, R. Petro, V. Starzykova, M. Bortlik, L. Vitek, M. Lukas, O. Cinek: Variants of CARD15, TNFA and PTPN22 and susceptibility to Crohn's disease in the Czech population: high frequency of the CARD15 1007fs. *Tissue Antigens* 2008, 71, 538-547
- Dvořáková HM, Szitanyi P, Dvořák P, Janda J, Seeman T, Zieg J, Lánská V, Kotaška K, Piřha J.

Determinants of premature atherosclerosis in children with end-stage renal disease. *Physiol. Res.* 61: 53-61, 2012

- Steps Toward Harmonization for Clinical Development of Medicines in Pediatric Ulcerative Colitis—A Global Scientific Discussion, Part 1: Efficacy Endpoints and Disease Outcome Assessments

Haihao Sun, Richard Vesely, Jan Taminiu, Peter Szitanyi, Elektra J. Papadopoulos, Maria Isaac, Agnes Klein, Shinobu Uzu, Donna Griebel, Andrew E. Mulberg, on Behalf of the International Inflammatory Bowel Disease Working Group JPGN 2014;58: 679–683

- Steps Toward Harmonization for Clinical Development of Medicines in Pediatric Ulcerative Colitis—A Global Scientific Discussion, Part 2: Data Extrapolation, Trial Design, and Pharmacokinetics

Haihao Sun, Richard Vesely, Jan Taminiu, Peter Szitanyi, Elektra J. Papadopoulos, Maria Isaac, Agnes Klein, Shinobu Uzu, Donna Griebel, Andrew E. Mulberg, on Behalf of the International Inflammatory Bowel Disease Working Group JPGN 2014;58: 684–688

- Vraná M., Szitányi P, Ratajová E.: HLA Genotypes in Czech Children with Coeliac Disease. *JPGN* 2016; 62, Suppl 1: 203

- Stýblová J, Kalousová J, Adamcová M, Bajerová K, Bronský J, Fencel F, Karásková E, Keslová P, Melek J, Pozler O, Sebroň V, Šuláková A, Tejnická J, Tláskal P, Tomášek L, Víková Barbora, Szitányi P.: Pediatric home parenteral nutrition in the Czech Republic and its development. Multicenter retrospective study 1995-2011. *Ann Nutr Metab* 2017;71:99-106

- K.J. Werkstetter, I.R. Korponay-Szabó, A. Popp, V. Villanacci, M. Salemme, G. Heilig, S.T. Lillevang, M.L. Mearin, C. Ribes-Koninckx, A. Thomas, R. Troncone, B. Filipiak, M. Mäki, J. Gyimesi, M. Najafi, J. Dolinšek, S. Dydensborg Sander, R. Auricchio, A. Papadopoulou, A. Vécsei, P. Szitanyi, E. Donat, R.Nenna, Ph. Alliet, F. Penagini, H. Garnier-Lengliné, G. Castillejo, K. Kurppa, R. Shamir, A.C. Hauer, F. Smets, S. Corujeira, M. van Winckel, S. Buderus, S. Chong, S. Husby, S. Koletzko, on behalf of the ProCeDE study group. Accuracy in Diagnosis of Celiac Disease Without Biopsies in Clinical Practice. *Gastroenterology* 2017, 153: 924-935,

ESPGHAN/ESPEN/ESPR guidelines on pediatric parenteral nutrition:

Iron and trace minerals

M. Domellof, P. Szitanyi, V. Simchowicz, A. Franz, F. Mimouni, the ESPGHAN/

ESPEN/ESPR/CSPEN working group on pediatric parenteral nutrition

*Clinical Nutrition* 2018, in press

#### Projects

- Prospective Celiac Disease Diagnosis Evaluation (ProCeDE),

Accuracy of diagnosing celiac disease without biopsy – Results from the multi-center Prospective Celiac Disease Diagnostic Evaluation study (ProCeDE)

- „ESPGHAN Guidelines for the diagnosis and therapy of cow’s milk protein allergy and celiac disease and their implementation – How big is the gap between ideal and reality?”

A quality-of-care survey in Europe

PIBDNET – Reduce Risk Trial, investigator, Project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 668023

#### Memberships

The European Society for Clinical Nutrition and Metabolism (ESPEN) - faculty member,

European Society for Paediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN),

Czech pediatric society, WG for Paediatric Gastroenterology and Nutrition of CPS- executive committee member

Czech Society for Clinical Nutrition and Intensive Metabolic Care (SKVIMP), executive committee member

#### Other Relevant Information