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Education Information

Post Doctorate of Medicine, İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi, Beslenme Ve Metabolizma Bilim Dalı/Çocuk Sağlığı Ve Hastalıkları Abd, Turkey 2002 - 2005

Expertise In Medicine, İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi, Çocuk Sağlığı Ve Hastalıkları Anabilim Dalı, Turkey 1996 - 2002

Foreign Languages

English, C1 Advanced

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Child Health and Diseases, Pediatric Endocrinology and Metabolism, Pediatric Gastroenterology, Pediatric Genetics and Teratology, Pediatric Neurology, Nutrition and Dietetics

Academic Titles / Tasks

Associate Professor, İstanbul University, Cerrahpaşa Tıp Fakültesi, Tıp Fakültesi, 2015 - Continues

Expert, İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi, Çocuk Sağlığı Ve Hastalıkları Anabilim Dalı, 2012 - Continues

Professional Experience

Anabilim Dalı Akademik Kurul Üyesi, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Internal Medicine, 2015 - Continues

Staj Koordinatörü, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Internal Medicine, 2018 - 2020

Head of Department, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Internal Medicine, 2016 - 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. Telemedicine Applications in a Tertiary Pediatric Hospital in Turkey During COVID-19 Pandemic.

Aydemir S., Ocak S., Saygılı S. K. , Hopurcuoğlu D., Haşlak F., Kiykim E., Aktuğlu Z., Celkan T., Demirgan E., Kasapçopur Ö., et al.

Telemedicine journal and e-health : the official journal of the American Telemedicine Association, 2020 (Journal Indexed in SCI Expanded)

- II. **Movement disorders in the early-diagnosed cerebrotendinous xanthomatosis: An electrophysiological study**
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Parkinsonism and Related Disorders, vol.80, pp.12-14, 2020 (Journal Indexed in SCI)
- III. **Capillary electrophoresis with capacitively coupled contactless conductivity detection for the determination of urinary ethylmalonic acid for the diagnosis of ethylmalonic aciduria**
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- IV. **Screening for fabry disease in patients with juvenile systemic lupus erythematosus**
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- V. **Efficacy and safety of D,L-3-hydroxybutyrate (D,L-3-HB) treatment in multiple acyl-CoA dehydrogenase deficiency**
van Rijt W. J. , Jager E. A. , Allersma D. P. , AKTUĞLU ZEYBEK A. Ç. , Bhattacharya K., Debray F., Ellaway C. J. , Gautschi M., Geraghty M. T. , Gil-Ortega D., et al.
GENETICS IN MEDICINE, 2020 (Journal Indexed in SCI)
- VI. **Challenges of following patients with inherited metabolic diseases during the COVID-19 outbreak. A cross-sectional online survey study**
Oge Enver E., Hopurcuoglu D., Ahmadzada S., Zubarioglu T., Aktuglu Zeybek A. Ç. , Kiykim E.
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- VII. **Impact of sodium phenylbutyrate treatment in acute management of maple syrup urine disease attacks: A single-center experience**
Zubarioglu T., Dede E., Cigdem H., Kiykim E., Cansever M. Ş. , Aktuglu-Zeybek C.
Journal of Pediatric Endocrinology and Metabolism, 2020 (Journal Indexed in SCI Expanded)
- VIII. **Multimodal imaging including optical coherence tomography angiography in patients with type B Niemann-Pick disease**
Bolukbasi S., Dogan C., Kiykim E., Cakir A., Erden B., Bayat A. H. , Elcioglu M. N. , Zeybek A. Ç.
INTERNATIONAL OPHTHALMOLOGY, vol.39, no.11, pp.2545-2552, 2019 (Journal Indexed in SCI)
- IX. **Early diagnosed cerebrotendinous xanthomatosis patients: clinical, neuroradiological characteristics and therapy results of a single center from Turkey**
Zubarioglu T., Kiykim E., YEŞİL G., Demircioglu D., Cansever M. S. , Yalcinkaya C., Aktuglu-Zeybek C.
ACTA NEUROLOGICA BELGICA, vol.119, no.3, pp.343-350, 2019 (Journal Indexed in SCI)
- X. **Continuous Renal Replacement Therapy with High Flow Rate Can Effectively, Safely, and Quickly Reduce Plasma Ammonia and Leucine Levels in Children**
Aygün F., VAROL F., Aktuglu-Zeybek C., KIYKIM E., ÇAM H.
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- XI. **Oxidative stress among L-2-hydroxyglutaric aciduria disease patients: evaluation of dynamic thiol/disulfide homeostasis**
Cansever M. S. , Zubarioglu T., Oruc C., Kiykim E., Gezdirici A., NEŞELİOĞLU S., EREL Ö., Yalcinkaya C., Aktuglu-Zeybek C.
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- XII. **Treatment of maple syrup urine disease with high flow hemodialysis in a neonate**
Aygün F., Kiykim E., Aktuglu-Zeybek C., Zubarioglu T., Cam H.
TURKISH JOURNAL OF PEDIATRICS, vol.61, no.1, pp.107-110, 2019 (Journal Indexed in SCI)
- XIII. **The Role of Supportive Treatment in the Management of Hyperammonemia in Neonates and Infants**
Demirkol D., Zeybek C. A. , Karacabey B. N. , CESUR Y., Ataman Y., Soysal E.
BLOOD PURIFICATION, vol.48, no.2, pp.150-157, 2019 (Journal Indexed in SCI)

- XIV. **Glutaric acidemia type II patient with thalassemia minor and novel electron transfer flavoprotein-A gene mutations: A case report and review of literature**
Sara N. Y. , Aksungar F. B. , Aktuglu-Zeybek C., Coskun J., Demirelce O., Serteser M.
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- XV. **The impact of continuous renal replacement therapy for metabolic disorders in infants**
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- XVI. **Coagulation Disturbances in Patients with Argininemia**
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- XVII. **Evaluation of dynamic thiol/disulphide homeostasis as a novel indicator of oxidative stress in maple syrup urine disease patients under treatment**
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Metabolic Brain Disease, vol.32, no.1, pp.179-184, 2017 (Journal Indexed in SCI Expanded)
- XVIII. **Hereditary Tyrosinemia Type 1 in Turkey.**
Aktuglu-Zeybek A. Ç. , KIYKIM E., CANSEVER M. Ş.
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- XIX. **Neonatal nonketotic hyperglycinemia: diffusion-weighted magnetic resonance imaging and diagnostic clues**
Zubarioglu T., Kiykim E., Cansever M. Ş. , Zeybek C. A. , Yalcinkaya C.
Acta Neurologica Belgica, vol.116, no.4, pp.671-673, 2016 (Journal Indexed in SCI Expanded)
- XX. **Ornithine Aminotransferase Deficiency in Differential Diagnosis of Neonatal Hyperammonemia: A Case with a Novel OAT Gene Mutation**
Zubarioglu T., Kiykim E., Cansever M. Ş. , Zeybek C. A.
Indian Journal of Pediatrics, vol.83, no.7, pp.754-755, 2016 (Journal Indexed in SCI Expanded)
- XXI. **Inherited metabolic disorders in Turkish patients with autism spectrum disorders**
Kiykim E., Zeybek C. A. , Zubarioglu T., Cansever S., Yalcinkaya C., Soyucen E., Aydin A.
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- XXII. **Continuous Venovenous Hemodiafiltration in the Treatment of Maple Syrup Urine Disease.**
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- XXIII. **Screening of free carnitine and acylcarnitine status in children with familial mediterranean fever**
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- XXIV. **Screening Mucopolysaccharidosis Type IX in Patients with Juvenile Idiopathic Arthritis.**
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- XXV. **Phenotypic Expansion of Congenital Disorder of Glycosylation Due to SRD5A3 Null Mutation.**
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- XXVI. **WHAT IS THE BEST VASCULAR ACCESS SITE FOR CONTINUOUS RENAL REPLACEMENT THERAPY DURING NEONATAL PERIOD?**
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- XXVII. **LIFE-SAVING TREATMENT FOR MEDICALLY REFRACTORY HYPERAMMONEMIA: CONTINUOUS RENAL REPLACEMENT THERAPY**
Demirkol D., Karacabey B. N. , AKTUĞLU ZEYBEK A. Ç. , Cesur Y.
PEDIATRIC NEPHROLOGY, vol.30, no.12, pp.2242-2243, 2015 (Journal Indexed in SCI)
- XXVIII. **Clinical and neuroradiological approach to fucosidosis in a child with atypical presentation**
Zubarioglu T., Kiykim E., Zeybek C. A. , Cansever M. S. , Benbir G., Aydin A., Yalcinkaya C.

- ANNALS OF INDIAN ACADEMY OF NEUROLOGY, vol.18, no.4, pp.471-474, 2015 (Journal Indexed in SCI)
- XXIX. **SCREENING OF FREE CARNITINE AND ACYL-CARNITINE STATUS IN PATIENTS WITH FAMILIAL MEDITERRANEAN FEVER**
Kiykim E., Barut K., Aktuglu-Zeybek A. Ç. , Zubarioglu T., Cansever S., Aydin A., Kasapcopur O.
ANNALS OF THE RHEUMATIC DISEASES, vol.74, pp.1236, 2015 (Journal Indexed in SCI)
- XXX. **DETERMINATION OF FREE CARNITINE AND ACYL-CARNITINE STATUS OF PATIENTS WITH JUVENILE IDIOPATHIC ARTHRITIS**
Kiykim E., Aktuglu-Zeybek A. Ç. , Barut K., Zubarioglu T., Cansever M. Ş. , Aydin A., Kasapcopur O.
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- XXXI. **Oculocutaneous tyrosinemia: A case report with delayed diagnosis and excellent response to dietary modification**
Tekin B., Yucelten D., Zeybek C. A. , Kiykim E., WEHNER M., BETZ R. C. , TOKER A. E.
INDIAN JOURNAL OF DERMATOLOGY VENEREOLOGY & LEPROLOGY, vol.81, no.3, pp.303-305, 2015 (Journal Indexed in SCI)
- XXXII. **Citrin deficiency: An infant incidentally detected by phenylketonuria screening with a novel mutation in SLC25A 13 gene**
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- XXXIV. **A novel aspartylglucosaminuria mutation in a patient with co-existence of Gaucher disease**
Kiykim E., Zubarioglu T., GORUKMEZ O., Gunev S., Cansever M. Ş. , Zeybek A. Ç.
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- XXXV. **Differences in the gut microbiota of healthy children and those with type 1 diabetes**
SOYUÇEN E., Gulcan A., Aktuglu-Zeybek A. Ç. , ONAL H., Kiykim E., Aydin A.
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- XXXVI. **Bitterness of Glucose/Galactose: Novel Mutations in the SLC5A1 Gene**
PODE-SHAKKED B., Reish O., Aktuglu-Zeybek C., KESSELMAN D., DEKEL B., BUJANOVER Y., ANIKSTER Y.
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- XXXVII. **TWO ADOLESCENT PATIENTS WITH RIBOFLAVIN RESPONSIVE MULTIPLE ACYL-COA DEHYDROGENASE DEFICIENCY (RR-MADD): A RARE DISORDER WITH HETEROGENEOUS CLINICAL FINDINGS**
Aktuglu Zeybek A. Ç. , Kiykim E., Cansever M. S. , CEYLANER S., Altay S., Aydin A. F.
JOURNAL OF INHERITED METABOLIC DISEASE, vol.35, 2012 (Journal Indexed in SCI)
- XXXVIII. **LONG TERM FOLLOW UP OF A PATIENT WITH GLUTARIC ACIDURIA (GA) TYPE 1**
Altay I. S. , Aktuglu-Zeybek A. Ç. , Cansever M. Ş. , Kiykim E., Aydin A. F.
JOURNAL OF INHERITED METABOLIC DISEASE, vol.35, 2012 (Journal Indexed in SCI)
- XXXIX. **THE BITTERNESS OF GLUCOSE/GALACTOSE: NOVEL MUTATIONS IN THE SLC5A1 GENE**
PODE-SHAKKED B., REISH O., Aktuglu-Zeybek C., KESSELMAN D., BUJANOVER Y., ANIKSTER Y.
JOURNAL OF INHERITED METABOLIC DISEASE, vol.35, 2012 (Journal Indexed in SCI)
- XL. **NUTRITIONAL ASSESSMENT OF TETRAHYDROBIOPTERIN (BH4) TREATED PATIENTS WITH PHENYLKETONURIA (PKU)**
Cakir N., Aktuglu-Zeybek A. Ç. , Ersoy M., Erakin S., Baykal T., Gokcay G., Demirkol M.
JOURNAL OF INHERITED METABOLIC DISEASE, vol.34, 2011 (Journal Indexed in SCI)
- XLI. **THE CARDIAC MANIFESTATION AND RESPONSE TO L-CARNITINE TREATMENT IN 14 CASES WITH PRIMARY SYSTEMIC CARNITINE DEFICIENCY: CORRELATION WITH GENOTYPE**
Balci M. C. , Yucel D., Ergul Y., ÖZGÜL R. K. , Baykal T., Aktuglu-Zeybek C., Ersoy M., Demirkol M., Eker-Omeroglu R., DURSUN A., et al.
JOURNAL OF INHERITED METABOLIC DISEASE, vol.34, 2011 (Journal Indexed in SCI)

- XLII. EXPANDED NEWBORN SCREENING PROGRAM WITH TANDEM MASS SPECTROMETRY (2002-2010): RESULTS OF A SINGLE CENTER IN TURKEY**
Alsancak S, AKTUĞLU ZEYBEK A. Ç. , Caglayan N, Akbulut H., Laleli Y.
JOURNAL OF INHERITED METABOLIC DISEASE, vol.34, 2011 (Journal Indexed in SCI)
- XLIII. X-LINKED ADRENOLEUKODYSTROPHY: IS THERE A GOOD CORRELATION BETWEEN NEUROLOGIC AND NEUROPSYCHOLOGIC IMPAIRMENT AND LOES MRI SCORE?**
Ersoy M., Tatli B., Aydin K., Saydam R., Aktuglu-Zeybek C., Ozmen M., Baykal T., Demirkol M., Gokcay G.
JOURNAL OF INHERITED METABOLIC DISEASE, vol.34, 2011 (Journal Indexed in SCI)
- XLIV. TRICARBALLYLIC ACIDURIA IN A BREAST-FED NEWBORN DETECTED WITH URINARY ORGANIC ACID ANALYSIS BY GC-MS: MATERNAL CONSUMPTION OF MYCOTOXIN CONTAMINATED MAIZE**
Baykal T., Aktuglu-Zeybek A. Ç. , LALELI-SAHIN E., Ersoy M., Erakin S., Gokcay G., OZBAS S., Demirkol M.
JOURNAL OF INHERITED METABOLIC DISEASE, vol.34, 2011 (Journal Indexed in SCI)
- XLV. BH4-LOADING TESTS IN PHENYLKETONURIA (PKU): COMPARISON OF THE RESULTS OF 24-HOUR NEONATAL PERIOD TEST WITH 72-HOUR BH4-PRETREATMENT TEST IN THE SAME PATIENT**
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- XLVI. GLUTARIC ACIDURIA TYPE I ASSOCIATED WITH HEMIHYPERTROPHY IN AN INFANT**
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JOURNAL OF INHERITED METABOLIC DISEASE, vol.33, 2010 (Journal Indexed in SCI)
- XLVII. The effect of low-carbohydrate diet on left ventricular diastolic function in obese children**
ZEYBEK C., CELEBI A., Aktuglu-Zeybek C., Onal H., YALCIN Y., ERDEM A., AKDENIZ C., IMANOV E., Altay S., Aydin A.
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- XLVIII. Determination of NTBC in serum samples from patients with hereditary tyrosinemia type I by capillary electrophoresis**
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- XLIX. Management of phenylketonuria in Europe: Survey results from 19 countries**
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- L. Development and implementation of a novel assay for L-2-hydroxyglutarate dehydrogenase (L-2-HGDH) in cell lysates: L-2-HGDH deficiency in 15 patients with L-2-hydroxyglutaric aciduria**
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- LI. Right ventricular subclinical diastolic dysfunction in obese children: the effect of weight reduction with a low-carbohydrate diet.**
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- LII. Determination of NTBC in serum samples from patients with hereditary tyrosinemia type I by capillary electrophoresis**
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- LIII. Tissue Doppler echocardiographic assessment of cardiac function in children with bronchial asthma**
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- LIV. Persistent metabolic acidosis in ARC syndrome: A case report**
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- LV. Encephalopathy in type I hyperlipidemia.**
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- LVI. **Capillary leak syndrome in a 5-month-old infant associated with intractable diarrhoea.**
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- LVII. **Seizures during treatment of Vitamin B12 deficiency.**
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- LVIII. **Turkish experience on the epidemiology of organic acidurias**
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- LIX. **A case of familial hypercholesterolemia that necessitated coronary by-pass surgery in childhood**
Çocukluk çağında koroner "by pass" cerrahisi gerektiren ailevi hiperkolesterolemi olgusu
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- LX. **Isovaleric acidaemia: cranial CT and MRI findings.**
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- LXII. **Cogan's syndrome: A rare vasculitis in childhood [10]**
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Articles Published in Other Journals

- I. **Rapid Determination Of Orotic Acid Level In Urine By Capillary Electrophoresis Coupled With Contactless Conductivity Detection**
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- II. **Evaluation of clinical, neuroradiologic, and genotypic features of patients with L-2-hydroxyglutaric aciduria**
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- III. **RAPID DETERMINATION OF L-2-HYDOXYGLUTARIC ACID IN URINE SAMPLES BY CAPILLARY ELECTROPHORESIS WITH INDIRECT UV DETECTION**
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- IV. **Evaluation of the effect of chenodeoxycholic acid treatment on skeletal system findings in patients with cerebrotendinous xanthomatosis.**
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Orphan Drugs: Research and Reviews, vol.7, pp.25-35, 2017 (Refereed Journals of Other Institutions)
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Activities in Scientific Journals

Türk Pediatri Arşivi, Committee Member, 2019 - Continues

Memberships / Tasks in Scientific Organizations

Turkish Pediatric Association, Secretary General, 2019 - Continues, Turkey

Çocuk Beslenme ve Metabolizma Derneği, Board Member, 2018 - Continues, Turkey

Tasks In Event Organizations

Cansever M. Ş. , Aktuğlu Zeybek A. Ç. , Kıyıkım E., Zübarioğlu T., INTERNATIONAL INBORN ERRORS OF METABOLISM AND NUTRITION CONGRESS, Scientific Congress, İstanbul, Turkey, Nisan 2019

Invited Congress and Symposium Activities

7. Marmara Pediatri Kongresi, Invited Speaker, İstanbul, Turkey, 2020

INTERNATIONAL INBORN ERRORS OF METABOLISM AND NUTRITION CONGRESS, Invited Speaker, İstanbul, Turkey, 2019

54. Türk Pediatri Kongresi, Invited Speaker, Lefkoşa, Cyprus (Kkct), 2018

40. Pediatri Günleri, Invited Speaker, İstanbul, Turkey, 2018

Çocuk Gastroenteroloji, Hepatoloji ve Beslenme Güncelleme Toplantısı, Attendee, Muğla, Turkey, 2017

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XIV. Ulusal Metabolik Hastalıklar ve Beslenme Kongresi, Attendee, Muğla, Turkey, 2017

39. Pediatri Günleri, Moderator, İstanbul, Turkey, 2017

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39. Pediatri Günleri, Attendee, İstanbul, Turkey, 2017

39. Pediatri Günleri, Invited Speaker, İstanbul, Turkey, 2017

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2. Türk Pediatri Kurumu Genç Pediatristler Kongresi ve Peditride Güncellemeler sempozyumu, Attendee, Turkey, 2016
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38. Pediatri Günleri, Invited Speaker, İstanbul, Turkey, 2016
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