



**Ener Cagri DINLEYICI**; MD, Professor in Pediatrics

Dr. Dinleyici received his medical degree from the Istanbul University Istanbul Faculty of Medicine. He is Professor of Pediatrics at the Eskisehir Osmangazi University Faculty of Medicine, Eskisehir, Turkey.

Dr. Dinleyici's work focuses on microbiome, pediatric vaccine preventable disease (especially meningococcal vaccines), pediatric infectious disease, pediatric intensive care. He has certification for advanced vaccinology. He is the principal investigator of finalized or ongoing clinical trials about microbiome, pre/probiotics and vaccines. He has been involved phase clinical trials about vaccine and probiotics. He has authored or coauthored over 200 peer-reviewed articles and presented more than 500 in national and international symposium. He has been involved in organizing committee and scientific contact of international symposiums in Turkey and worldwide. He is the scientific organizer of the three consecutive International Neonatal Maternal Immunization Symposium (INMIS). He is the leading author in Turkey, PROBAGE study group, which are maintained for prospective randomized clinical trials about probiotics and microbiota field. He is the Symposium Chair of first and second International Symposium of Probiotic Prebiotics in Pediatrics in 2012 and 2014 and also Organizing Committee Member of this meeting in 2016 (Ghent) and 2018 (Bari).

Dr. Dinleyici is a member of the European Society for Pediatric Infectious Diseases (ESPID), European Society for Pediatric Intensive Care (ESPNIC), European Meningococcal and Haemophilus Disease Society (EMGM), Turkish Society of Pediatric Infectious Disease, Turkish Pediatric Intensive Care Society and also President of Pediatric Probiotic Prebiotic Functional Foods and Microbiota study. Dr Dinleyici is a Board Member of World Association of Prebiotic and Probiotic in Pediatric.

Dr Dinleyici is married, and he is a proud dad of her awesome daughter, Deniz. He is interested in travel, international cuisine, literature and collection of figures of TV series/movies.

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## PROJECTS

### 1- **DYSBIOSIS-RELATED MATERNAL AND CHILDHOOD RISK FACTORS AND RELATIONSHIP BETWEEN FOOD ALLERGY AND OTHER NON-COMMUNICABLE DISEASES (DRAMA STUDY)**

Role: PI. Multi-center study. Aim to evaluate the incidence of previously defined dysbiosis related factors (delivery mode, nutritional preferences, pregnancy related factors etc.) among young children (Part I: n=8000 children, aged below 2 years), to define cut-off point for dysbiosis/eubiosis, and compare the score of healthy children with children with food allergy (800 children with cow-milk allergy), children with functional gastrointestinal disorders, Celiac disease, etc.)

### 2- **HUMAN MILK GEST STUDY**

Role: PI. Collaboration with Fisabio Lab in Spain (with Prof Andres Moya). Aim to evaluate human milk bacterial microbiota (at species level), human milk virome and human milk mycobiota and to compare the microbiota composition according to delivery mode, gestational age and birth weight. (Supported by Eskisehir Osmangazi University Research Grant)

### 3- **HUMAN MILK FOREMILK STUDY**

Role: PI. Collaboration with Fisabio Lab in Spain (with Prof Andres Moya). Aim to evaluate human milk bacterial microbiota (at species level), human milk virome and human milk mycobiota in one lactation period, and to compare at the beginning of lactation, 10th and 20th minutes (Supported by Eskisehir Osmangazi University Research Grant)

### 4- **RHEUMA-BIOTA STUDY**

Role: Investigator. Collaboration with Eskisehir Osmangazi University Rheumatology Department (Dr Sule Yasar Bilge and Prof Timucin Kasifoglu) and with Fisabio Lab in Spain (with Prof Andres Moya). To evaluate intestinal microbiota in patients with FMF, fibromyalgia and Behcet's disease

### 5- **INMACS study**

Role: PI. Multicenter study about the intestinal and nasopharyngeal microbiota studies in children with invasive meningococcal infections and sepsis. (Supported by Eskisehir Osmangazi University Research Grant)

### 6- **VARICOMP STUDY**

Role: PI (investigator initiated study). Epidemiology, risk factors, clinical findings and prognosis of varicella related hospitalization in children in Turkey between 2008-2018.

7- **MENINGO-CARR STUDY** (finalized Part I and Part 2 and plan to start Part 3 in 2020)

Role: PI. Nasopharyngeal carriage rate of Neisseria meningitidis in children, adolescents and young adults in Turkey and related risk factor (multi-center study)

8- **PROBESITY Study** (published Part 1 in Beneficial Microbes in 2016 and enrollement period for Part 2)

Role PI. The effects of synbiotics of weight-loss among children with exogenous obesity: a prospective, randomized, placebo controlled clinical trial (Investigator-initiated study, supported by Eskisehir Osmangazi University Research Grant)

9- **PIGMENT STUDY**

Role: PI. Clinical, laboratory features and prognosis of children receiving IgM-enriched immunoglobulin (3 days vs. 5 days) as adjuvant treatment for serious infectious disease in pediatric intensive care unit: retrospective, single center experience.

10-**PROBAGE Study**

Role: PI. Collaboration with Prof Yvan Vandenplas. Effects of Probiotics and/or Prebiotics on the Duration of Diarrhea and Hospitalization in Children (PROBAGE). Prospective-single/double blinde randomized clinical with 5 different formulations among 1280 children in Turkey.

<b>PHASE TRIALS</b>
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<b>1-</b> Evaluation of Safety, Pharmacokinetics and Efficacy of CAZ-AVI With Metronidazole in Childern Aged 3 Months to 18 Years Old With Complicated Intra-abdominal Infections (cIAIs) (Role: Investigator, Supporter: MSD, status: enrollment)
<b>2-</b> MK-7625A Versus Meropenem in Pediatric Participants With Complicated Urinary Tract Infection (cUTI) (MK-7625A-034) (Role: Investigator, Supporter: MSD, status: enrollment)
<b>3-</b> MK-7625A Plus Metronidazole Versus Meropenem in Pediatric Participants With Complicated Intra-Abdominal Infection (cIAI) (MK-7625A-035) (Role: Investigator, Supporter: MSD, status: enrollment)
<b>4-</b> An Efficacy Study of GlaxoSmithKline (GSK) Biologicals' Candidate Influenza Vaccine GSK2321138A in Children (Role: Investigator, Supporter: GSK, status: finalized, published in New England Journal of Medicine)
<b>5-</b> A Study to Evaluate the Efficacy of GSK Biologicals' Influenza Vaccine in Children. (Role: Investigator, Supporter: GSK, status: finalized, published in Lancet Child and Adolescent Health and Pediatric Infectious Disease)
<b>6-</b> A Phase III Study of a 2-dose Regimen of a Multivalent Human Papillomavirus (HPV) Vaccine (V503), Administered to 9 to 14 Year-olds and Compared to Young Women, 16 to 26 Years Old (V503-010) (finalized)

**7-** Respiratory Syncytial Virus (RSV) Investigational Vaccine in Infants Aged 6 and 7 Months Likely to be Unexposed to RSV. (Role: Investigator, Supporter: GSK, status: enrollment)

**8-** A Study to Investigate the Safety and Immunogenicity of Different Formulations of GSK Biologicals' Meningococcal ACWY Conjugate Vaccine (GSK3536820A and Menveo) Administered to Healthy Adolescents and Young Adults 10 to 40 Years of age. (Role: Investigator, Supporter: GSK, status: enrollment)