

This is the 11th edition of the Romanian-German Symposium on Medical Genetics. After a break of 4 years, we propose to revive the tradition of this symposium initiated in 1996 by professors C-tin Maximilian († 1997) and Eberhard Passarge and later continued by prof. dr. Marius Bembea and prof. dr. Oliver Bartsch. The previous 10 editions took place as follows: 1996 (Oradea), 2000 (Oradea/Arad), 2002 (Oradea), 2005 and 2008 (Băile Felix), 2011 (Galați), the last editions: 2013, 2015, 2017, and 2019 taking place in Oradea.

The aim of the symposium is to present the latest acquisitions in the field of human genetics (molecular and cellular mechanisms of normal and pathological development) and medical genetics (focusing on genomic medicine) integrating practical, clinical, and genetic testing. The works of the symposium are supported by prestigious personalities in the field of medical genetics from Germany (prof. Eberhard Passarge, prof. Oliver Bartsch and prof. Ulrich Zechner), Belgium (prof. Eric Legius), Slovenia (prof. Borut Peterlin), USA (dr. Khoon Ghee Queenie Tan and prof. Robert Best) and Romania.

Romanian Genetics has made remarkable progress since 1990, especially if we refer to the extremely low levels before 1989. We believe that the eleven editions of this course have brought an important contribution to this progress. Besides the massive intake of information during the courses, geneticists in Romania have benefited from many advantages, such as the numerous and valuable donations of books and magazines, the new bilateral cooperation, the opportunity to exchange experiences, the internships of younger Romanian geneticists, the possibilities of performing genetic tests for our patients, etc.

The program of this 11th symposium covers a number of timely topics as a basis for understanding the practical importance of the fast scientific advances in human and medical genetics.

Prof. Dr. Oliver Bartsch

Prof. Dr. Claudia Jurca

University of Oradea - Faculty of Medicine and Pharmacy - ROMANIA
Universities of Mainz and Essen - GERMANY
University of Greenville, South Carolina - USA
University of Leuven - BELGIUM
University of Ljubljana - SLOVENIA
Mayo Clinic - USA

Romanian Academy of Medical Sciences
- Cluj-Napoca Branch -

Romanian Society of Medical Genetics
- Oradea Branch -

Romanian Physicians College - Bihor Physicians College

County Emergency Clinical Hospital Bihor
Regional Center of Medical Genetics, Oradea

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Invited Speakers

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Germany

Offered Speakers

Magdalena BUDIȘTEANU magda_efrim@yahoo.com	Associate professor; MD PhD Clinical Hospital of Psychiatry "Alexandru Obregia", Bucharest
Florin BURADA florinburada2000@yahoo.com	Professor of Medical Genetics, MD PhD University of Medicine and Pharmacy, Craiova
Vlad GORDUZA vgord@mail.com	Professor of Medical Genetics, MD PhD University of Medicine and Pharmacy "Grigore T. Popa", Iași
Dumitru JARDAN djardan@medlife.ro	Biologist. Head of Medlife Molecular Biology Laboratory
Claudia JURCA claudiajurca70@yahoo.com	Professor of Medical Genetics, MD PhD Faculty of Medicine and Pharmacy, University of Oradea
Vasilica PLAIASU vasilica.plaiasu@gmail.com	Senior specialist in Medical Genetics, MD, PhD National Institute of Mother and Children Health, Bucharest
Cristina RUSU abcrusu@gmail.com	Professor of Medical Genetics, MD PhD University of Medicine and Pharmacy "Grigore T. Popa", Iași
Emilia SEVERIN emilia.severin@umfcd.ro	Professor of Medical Genetics, MD PhD University of Medicine and Pharmacy "Carol Davila", Bucharest
Ioana STREATA ioana.streata@yahoo.com	Associate professor of Medical Genetics; MD PhD University of Medicine and Pharmacy, Craiova
Romana VULTURAR romanavulturar@yahoo.co.uk	Professor of Cell Biology, MD PhD University of Medicine and Pharmacy "Iuliu Hațieganu", Cluj-Napoca

PROGRAM

Day	Time	Speaker / Chair	Topics
Sunday 21.04.2024	18:00-18:30	Official Opening	
	18:30-19:15	Eberhard Passarge	Hirschsprung Disease: Understanding the genetics of a complex disorder – presented by Claudia Jurca
	19:15-20:00	Emilia Severin	Genetics and genomics in rare diseases
Monday 22.04.2024	8:30-9:30	Oliver Bartsch	A Bird's view on the mendelian disorders in our practice
	9:30-10:30	Eric Legius	Genetic mosaicism
	10:30-11:00	Coffee Break	
	11:00-12:00	Borut Peterlin	Comprehensive approach for diagnosing genetic disorders
	12:00-13:00	Robert Best	Essential considerations on the merging of clinical cytogenetics and clinical molecular genetics
	13:00-14:15	Lunch	
	14:15-15:15	Ulrich Zechner	Depression of imprinted gene alleles as a new approach to treat imprinting disorders (Zoom meeting)
	15:15-15:45	Vasilica Plaiiașu	When lightning strikes twice in the same place: Coexistence of genetic disorders – the value of adequate clinical experience
	15:45-16:00	Claudia Jurca	Therapeutics news in Pompe disease (Sanofi Symposium)
	16:00-16:30	Coffee Break	
	16:30-17:30	Queenie Tan	Congenital disorders of glycosylation
	17:30-18:00	Florin Burada	Genetics of gastrointestinal cancers
18:00-18:20	Ioana Streata	Epigenetics - a new (old) tool in research and diagnostics of rare diseases and cancer	
Tuesday 23.04.2024	8:15-9:00	Robert Best	Emerging technologies in cytogenomic
	9:00-9:45	Borut Peterlin	Genetics of male infertility
	9:45-10:30	Ulrich Zechner	Principles, possibilities and limitations of non-invasive prenatal testing (Zoom meeting)
	10:30-10:45	Dumitru Jardan	Overview of non invasive prenatal testing technologies (Medlife Symposium)
	10:45-11:15	Coffee Break	
	11:15-12:00	Vlad Gorduza	Genetic neurological diseases by amplification of polynucleotide repeats
	12:00-12:45	Eric Legius	Diagnosing neurofibromatosis type 1, NF2-related schwannomatosis, and other forms of schwannomatosis
	12:45-13:15	Magda Budisteanu	Genetic anomalies in cerebral heterotopias
	13:15-14:30	Lunch	
	14:30-15:00	Romana Vulturar	Recent classification and insights on inherited metabolic disorders in adults
15:00-15:45	Queenie Tan	Inborn Errors of Metabolism: Metabolic emergencies	
15:45-	Coffee Break		

	16:15		
	16:15-16:45	Cristina Rusu	Kabuki syndrome: diagnostic and management challenges
	16:45-17:00	Claudia Jurca	Therapeutics news in XLH
	17:00- 17:30	Claudia Jurca Oliver Bartsch	Conclusions. Official closing
Please note that questions to each presentation and discussions will be most welcome.			

THE 11TH ROMANIAN-GERMAN GENETICS SYMPOSIUM



“Medical Genetics, Today”



ORADEA
APRIL 21– 23, 2024

