Magdalena Budisteanu, MD, PhD, Senior Researcher
Gender female
Date of birth: 11th October 1969
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Education:

2007 PhD in Medicine at "Carol Davila" Univ of Medicine and Pharmacy, Bucharest
2006 Full qualification as specialist in Pediatric Neurology
1995 Medical Degree, Faculty of Medicine, Craiova

Positions: 2001 – 2009 Researcher, Research Psychiatry Laboratory, "Alex. Obregia" Clinical Hospital of Psychiatry, Bucharest
2009 – present Senior researcher, Head of the Research Psychiatry Laboratory, "Alex. Obregia" Clinical Hospital of Psychiatry, Bucharest
2001 – present Researcher, Medical Genetics Laboratory, "Victor Babes" National Institute of Pathology, Bucharest
2018 Associate Professor, Faculty of Medicine, "Titu Maiorescu" University, Bucharest

Research interest: clinical and genetic characterisation of neuropsychiatric diseases, with a main focus on intellectual disability, autism spectrum disorders, brain malformations and epilepsy syndromes,

Grants:

The main field of research of Dr. Budisteanu are genetic causes of neuropsychiatric diseases, including autism spectrum disorders, intellectual disabilities and genetic epileptic syndromes in children, with participation in 23 national and international research projects (3 as PI, 6 projects as scientific manager, 12 as key member or researcher).

- Participation in COST action BM1004, "Enhancing the scientific study of early autism: A network to improve research, services and outcomes" and COST action CA16118 "European Network on Brain Malformation", as Management Committee member for Romania.
- Sanco/2014/C2/035 "*Autistic Spectrum Disorders in the European Union*" – PI for Romania
- ERA NET NEURON Project "Linking synaptic dysfunction to disease mechanisms in schizophrenia - a multilevel investigation" – project responsible for Romania
- Genomic and postgenomic data analysis and data management – essential tools in precision medicine (Romanian MR - PN 16.22.05.01; 2016-2017);
- Genomic profile investigation by aCGH in children with cognitive and behavior problems (Romanian MR - PN 09.33.02.03; 2010-2015);
- Bilateral Actions Romania-France – Structural genomic variants in ASDs (Romanian MR – Brancusi program; 2010-2012);
- Clinical, citogenetic and molecular multidisciplinary research in mental retardation syndromes associated with congenital anomalies (Romanian MR – PN 42/130-1; 2008-2011).

Awards:

Romanian Executive Agency for Higher Education and Research Prize (2016, 2017); ESHG Conference Mobility Awards (2003; 2007); „Arthur Kreindler" prize of Romanian Academy of Scientisists for scientific progress in Neurogenetics (2017).

In 2018 Dr. Budisteanu was involved, together with other profesionals in ASD, in completion of autism law.

Selected publications:

1. Lalli M.A., Jang J., Park J.C., Wang Y., Guzman E., Zhou H., Audouard M., Bridges D., Tovar K.R., Papuc S.M., Tutulan-Cunita A.C., Huang Y., Budisteanu M., Arghir A., Kosik K.S. - Haploinsufficiency of BAZ1B contributes to Williams syndrome through transcriptional dysregulation of neurodevelopmental pathways, Hum. Mol. Genet., 2016; 25(7):1294-306.
2. Salomone E, Beranová Š, Bonnet-Brilhault F, Briciet Lauritsen M, Budisteanu M, et al. Use of early intervention for young children with autism spectrum disorder across Europe. Autism. 2016 Feb;20(2):233-49.
3. Khan NZ, Gallo LA, Arghir A, Budisteanu B, Budisteanu M, et al. Autism and the grand challenges in global mental health. Autism Res. 2012; 5(3):156-9.

4. I. Meerschaut, N. Revencu, J. Pètre, FF. Hamdan, JL. Michaud, D. Rochefort, PA. Dion, C. Corsello, G. Rouleau, J. Morton, J. Radley, N. Ragge, S. García-Miñaúr , P. Lapunzina, M. Palomares, N. Bockaert, A. Oostra, O. Vanakker, M. Velinov, TJ. de Ravel, D. Mekahli, J. Sebat, KK. Vaux, N. Di Donato, AK. Hanson-Kahn, L. Hudgins, B. Dallapiccola, A. Novelli, L. Tarani, J. Andrieux, F. Petit, MJ. Parker, K. Neas, B. Ceulemans, AS Schoonjans, M. Hancarova, M. Havlovicova, D. Prchalova, M. Budisteanu, et al. *FOXP1*-related intellectual disability syndrome: a recognizable entity. J Med Genet, 2017; 54(9):613-623.
5. Magdalena Budisteanu, Sorina Mihaela Papuc, Andreea Tutulan-Cunita, Bogdan Budisteanu and Aurora Arghir. Novel clinical finding in *MECP2* duplication syndrome. Eur Child Adolesc Psychiatry. 2011; 20(7):373-5