

## Professional Biography

Starting from [DDRI](#) Tehran (1992), [Dr. Behrooz Z. Alizadeh](#) is an MD and specialist in Genetic Epidemiology who obtained his MD from [TUMS](#) Tehran (1997), graduated in MSc (2001) and DSc (2002) degrees from [NIHES](#), Rotterdam, his Ph.D. from [EMC, Rotterdam](#) (2005), and completed his postdoctoral fellowship in functional ImmunoGenomics at [UMC Utrecht](#) (2007). Since 2009, he is a staff member of the department of epidemiology acting as the head of the unit of digestive system diseases & personalized medicine and is a member of the board of research and/or educational programs and committees at [UMCG](#) Groningen, at [METC UMCG](#), and scientific international institutions, who holds visiting professor positions at several universities, and is well-known for his consultancy and advisory in organizational scientific developments, set-up of large scale research programs, consortium formation, genetic epidemiology, statistics, methodology, and translational science to several (inter)national research groups, scientific institutions, and medical organization. During his 20 years of his scientific career, he has achieved >180 publications of which the majority are published in the top 10% high impact peer-reviewed journals such as nature, science, nature genetics, world journal psychiatry, gastroenterology, circulation, etc.... He has supervised 20 PhDs fellows and postdocs. As a principal investigator in different research programs (MindLines, Lifelines, RadioGenetic, GiLines, CannbinoidsLines, ARAS) and educational institutes (eg. GUIDE, SHARE, GSMS, CPE, LoMICP4) in the Netherlands and abroad, his current research is focused on the genetic epidemiology of digestive system & psychiatric disorders, with a goal to the devising, modeling and clinical implementation of personalized medicine.

### Few sample publications

1. [Genetic copy number variants, cognition and psychosis: a meta-analysis and a family study](#). Thygesen JH, Presman A, Harju-Seppänen J, Irizar H, Jones R, Kuchenbaecker K, Lin K, [Alizadeh BZ](#), Austin-Zimmerman I, Bartels-Velthuis A, Bhat A, Bruggeman R, Cahn W, Calafato S, Crespo-Facorro B, de Haan L, de Zwarte SMC, .....- Zartaloudi E, Bell V, Powell J, Lewis CM, Murray RM, Bramon E. **Mol Psychiatry**. 2020. doi: 10.1038/s41380-020-0820-7.
2. [Identification of environmental risk factors associated with the development of Inflammatory Bowel Disease](#). van der Sloot KWJ, Weersma RK, [Alizadeh BZ](#), Dijkstra G. **J Crohn's Colitis**. 2020 Jun, doi: 10.1093/ecco-jcc/jjaa114
3. [Examining the independent and joint effects of molecular genetic liability and environmental exposures in schizophrenia: results from the EUGEI study](#). Guloksuz S, Pries LK, Delespaul P, Kenis G, <20 coauthors>..... Genetic Risk and Outcome of Psychosis (GROUP) investigators: [Alizadeh BZ](#), Bartels-Velthuis AA, Van Beveren NJ, Bruggeman R, Cahn W, Delespaul P, Kahn RS, Schirmbeck F, Simons CJP, van Haren NE, van Os J, van Winkel R, Kahn RS, Ophoff RA, Arango C, O'Donovan M, Rutten BPF, van Os J **World Psychiatry**. 2019 18:173-182. doi: 10.1002/wps.20629.
4. [Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders](#). Ligthart S, Vaez A, <300 co-authors>, .....Dehghan A, [Alizadeh BZ](#). **Am. J. Hum. Gene** 2018. 1;10.3:691-70
5. [Cohort profile: The AZAR cohort, a health-oriented research model in areas of major environmental change in Central Asia](#). Farhang S, Faramarzi E, Amini Sani N, Poustchi H, Ostadrahimi A, [Alizadeh BZ](#), Somi MH. **Int J Epidemiol**. 2018 14. doi: 10.1093/ije/dyy215.
6. [Investigating the causal relationship of C-Reactive protein with 32 complex somatic and psychiatric outcomes: A large-scale cross-consortium Mendelian Randomization study](#). Prins BP, .....<50 coauthors> ..[Alizadeh BZ](#). **PLOS Medicine**. 2016 21;13(6):e1001976. doi: 10.1371.
7. [Association analyses identify 38 susceptibility loci for inflammatory bowel disease and highlight shared genetic risk across populations](#). Liu JZ, van Sommeren S, ..... [Alizadeh BZ](#), Parkes M, Thelma BK, Daly MJ, Kubo M, Anderson CA, Weersma RK. **Nat Genet**; 2015 47:979-86.
8. [Systems medicine, personalized health and therapy](#). Siest G, Auffray C, Taniguchi N, Ingelman-Sundberg M, Murray H5, Visvikis-Siest S, Ansari M, Marc J, Jacobs P, Meyer U, Van Schaik RH, Müller MM, Wevers RA, Simmaco M, Kussmann M, Manolopoulos VG, [Alizadeh BZ](#), Beastall G, Németh G. **Pharmacogenomics**. 2015 16:1527-39.
9. etc....