

# Endre Kiss-Toth

## List of Publications by Year in descending order

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Version: 2024-02-01

99  
papers

3,970  
citations

186265  
28  
h-index

118850  
62  
g-index

109  
all docs

109  
docs citations

109  
times ranked

7153  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Rapid Secretion of Interleukin-1 <sup>β</sup> by Microvesicle Shedding. <i>Immunity</i> , 2001, 15, 825-835.   | 14.3 | 767       |
| 2  | A46R and A52R from vaccinia virus are antagonists of host IL-1 and toll-like receptor signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 10162-10167. | 7.1  | 422       |
| 3  | Human Tribbles, a Protein Family Controlling Mitogen-activated Protein Kinase Cascades. <i>Journal of Biological Chemistry</i> , 2004, 279, 42703-42708.   | 3.4  | 292       |
| 4  | Evidence for an Accessory Protein Function for Toll-Like Receptor 1 in Anti-Bacterial Responses. <i>Journal of Immunology</i> , 2000, 165, 7125-7132.  | 0.8  | 257       |
| 5  | Tribbles: A family of kinase-like proteins with potent signalling regulatory function. <i>Cellular Signalling</i> , 2007, 19, 238-250.   | 3.6  | 151       |
| 6  | Human Tribbles-1 Controls Proliferation and Chemotaxis of Smooth Muscle Cells via MAPK Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2007, 282, 18379-18387.                                      | 3.4  | 121       |
| 7  | Characterization of the CD55 (DAF)-binding site on the seven-span transmembrane receptor CD97. <i>European Journal of Immunology</i> , 1998, 28, 1701-1707.  | 2.9  | 111       |
| 8  | Tribbles: novel regulators of cell function; evolutionary aspects. <i>Cellular and Molecular Life Sciences</i> , 2006, 63, 1632-1641.  | 5.4  | 105       |
| 9  | Neutrophil microvesicles drive atherosclerosis by delivering miR-155 to atheroprone endothelium. <i>Nature Communications</i> , 2020, 11, 214.   | 12.8 | 103       |
| 10 | Regulation of expression and signalling modulator function of mammalian tribbles is cell-type specific. <i>Immunology Letters</i> , 2006, 104, 171-177.  | 2.5  | 88        |
| 11 | Age-related loss of CpG methylation in the tumour necrosis factor promoter. <i>Cytokine</i> , 2011, 56, 792-797.   | 3.2  | 73        |
| 12 | Regulating STING in health and disease. <i>Journal of Inflammation</i> , 2017, 14, 11.   | 3.4  | 72        |
| 13 | Loss of Tribbles pseudokinase-3 promotes Akt-driven tumorigenesis via FOXO inactivation. <i>Cell Death and Differentiation</i> , 2015, 22, 131-144.  | 11.2 | 70        |
| 14 | Polymorphisms in the interleukin-1 receptor antagonist and interleukin-6 genes affect risk of osteolysis in patients with total hip arthroplasty. <i>Arthritis and Rheumatism</i> , 2008, 58, 3157-3165.         | 6.7  | 66        |
| 15 | Functional mapping and identification of novel regulators for the Toll/Interleukin-1 signalling network by transcription expression cloning. <i>Cellular Signalling</i> , 2006, 18, 202-214.                     | 3.6  | 65        |
| 16 | Ultrasound-enhanced transgene expression in vascular cells is not dependent upon cavitation-induced free radicals. <i>Ultrasound in Medicine and Biology</i> , 2003, 29, 1453-1461.                              | 1.5  | 57        |
| 17 | Tribbles-2 is a novel regulator of inflammatory activation of monocytes. <i>International Immunology</i> , 2008, 20, 1543-1550.  | 4.0  | 53        |
| 18 | Myeloid Tribbles 1 induces early atherosclerosis via enhanced foam cell expansion. <i>Science Advances</i> , 2019, 5, eaax9183.  | 10.3 | 50        |

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|----|--|------|-----------|
| 19 | Differential IL-1 $\beta$ secretion by monocyte subsets is regulated by Hsp27 through modulating mRNA stability. <i>Scientific Reports</i> , 2016, 6, 39035.   | 3.3  | 48        |
| 20 | The pseudokinase tribbles homologue-3 plays a crucial role in cannabinoid anticancer action. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 1573-1578.                                  | 2.4  | 46        |
| 21 | TMEM203 is a binding partner and regulator of STING-mediated inflammatory signaling in macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16479-16488.               | 7.1  | 43        |
| 22 | Tribbles-1 and -2 are tumour suppressors, down-regulated in human acute myeloid leukaemia. <i>Immunology Letters</i> , 2010, 130, 115-124.   | 2.5  | 41        |
| 23 | TILRR, a Novel IL-1RI Co-receptor, Potentiates MyD88 Recruitment to Control Ras-dependent Amplification of NF- $\kappa$ B. <i>Journal of Biological Chemistry</i> , 2010, 285, 7222-7232.  | 3.4  | 41        |
| 24 | Competition between members of the tribbles pseudokinase protein family shapes their interactions with mitogen activated protein kinase pathways. <i>Scientific Reports</i> , 2016, 6, 32667.                                      | 3.3  | 40        |
| 25 | Tribbles: â€˜puzzlingâ€™ regulators of cell signalling. <i>Biochemical Society Transactions</i> , 2011, 39, 684-687.   | 3.4  | 38        |
| 26 | Individual susceptibility to periprosthetic osteolysis is associated with altered patterns of innate immune gene expression in response to pro-inflammatory stimuli. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1127-1135. | 2.3  | 37        |
| 27 | Transcription factor AP-4 participates in activation of bovine leukemia virus long terminal repeat by p34 Tax. <i>Nucleic Acids Research</i> , 1994, 22, 4872-4875.  | 14.5 | 29        |
| 28 | A novel mammalian expression screen exploiting green fluorescent protein-based transcription detection in single cells. <i>Journal of Immunological Methods</i> , 2000, 239, 125-135.  | 1.4  | 29        |
| 29 | Ras Controls Tumor Necrosis Factor Receptor-associated Factor (TRAF)6-dependent Induction of Nuclear Factor- $\kappa$ B. <i>Journal of Biological Chemistry</i> , 2001, 276, 6280-6288.  | 3.4  | 27        |
| 30 | Genomic and Functional Regulation of TRIB1 Contributes to Prostate Cancer Pathogenesis. <i>Cancers</i> , 2020, 12, 2593.   | 3.7  | 26        |
| 31 | Identification of Tribbles-1 as a Novel Binding Partner of Foxp3 in Regulatory T Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 10051-10060.   | 3.4  | 25        |
| 32 | Characterization and therapeutic application of canine adipose mesenchymal stem cells to treat elbow osteoarthritis. <i>Canadian Journal of Veterinary Research</i> , 2017, 81, 73-78.   | 0.2  | 24        |
| 33 | Distinct Control of MyD88 Adapter-dependent and Akt Kinase-regulated Responses by the Interleukin (IL)-1RI Co-receptor, TILRR. <i>Journal of Biological Chemistry</i> , 2012, 287, 12348-12352.                                    | 3.4  | 23        |
| 34 | Genetic variation in inflammatory and bone turnover pathways and risk of osteolytic responses to prosthetic materials. <i>Journal of Orthopaedic Research</i> , 2015, 33, 193-198.   | 2.3  | 22        |
| 35 | The tribbles gene family and lipoprotein metabolism. <i>Current Opinion in Lipidology</i> , 2012, 23, 122-126.   | 2.7  | 21        |
| 36 | Tribbles in inflammation. <i>Biochemical Society Transactions</i> , 2015, 43, 1069-1074.   | 3.4  | 21        |

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|----|---|------|-----------|
| 37 | Particle-Induced Osteolysis Is Mediated by TIRAP/Mal in Vitro and in Vivo. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 285-294.   | 3.0  | 21        |
| 38 | Oncosuppressive functions of tribbles pseudokinase 3. <i>Biochemical Society Transactions</i> , 2015, 43, 1122-1126.  | 3.4  | 20        |
| 39 | Advanced Technologies for Studies on Protein Interactomes. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2008, 110, 1-24.  | 1.1  | 19        |
| 40 | Expression of tak1 and tram induces synergistic pro-inflammatory signalling and adjuvants DNA vaccines. <i>Vaccine</i> , 2009, 27, 5589-5598.   | 3.8  | 19        |
| 41 | Macrophage polarisation associated with atherosclerosis differentially affects their capacity to handle lipids. <i>Atherosclerosis</i> , 2020, 305, 10-18.  | 0.8  | 19        |
| 42 | Tribbles-1 Expression and Its Function to Control Inflammatory Cytokines, Including Interleukin-8 Levels are Regulated by miRNAs in Macrophages and Prostate Cancer Cells. <i>Frontiers in Immunology</i> , 2020, 11, 574046. | 4.8  | 18        |
| 43 | A Downstream Regulatory Element Activates the Bovine Leukemia Virus Promoter. <i>Biochemical and Biophysical Research Communications</i> , 1994, 202, 1553-1561.  | 2.1  | 17        |
| 44 | The IL-1RI Co-Receptor TILRR (FREM1 Isoform 2) Controls Aberrant Inflammatory Responses and Development of Vascular Disease. <i>JACC Basic To Translational Science</i> , 2017, 2, 398-414.                                   | 4.1  | 17        |
| 45 | TRIB3 suppresses tumorigenesis by controlling mTORC2/AKT/FOXO signaling. <i>Molecular and Cellular Oncology</i> , 2015, 2, e980134.   | 0.7  | 16        |
| 46 | Multi-Compartmentalisation in the MAPK Signalling Pathway Contributes to the Emergence of Oscillatory Behaviour and to Ultrasensitivity. <i>PLoS ONE</i> , 2016, 11, e0156139.  | 2.5  | 15        |
| 47 | Member of the CREB/ATF protein family, but not CREB± plays an active role in BLVtax transactivation in vivo. <i>Nucleic Acids Research</i> , 1993, 21, 3677-3682.   | 14.5 | 14        |
| 48 | LDL uptake by monocytes in response to inflammation is MAPK dependent but independent of tribbles protein expression. <i>Immunology Letters</i> , 2008, 116, 178-183.   | 2.5  | 14        |
| 49 | A TNF Variant that Associates with Susceptibility to Musculoskeletal Disease Modulates Thyroid Hormone Receptor Binding to Control Promoter Activation. <i>PLoS ONE</i> , 2013, 8, e76034.                                    | 2.5  | 14        |
| 50 | Hunting for genes by functional screens. <i>Cytokine and Growth Factor Reviews</i> , 2004, 15, 97-102.  | 7.2  | 13        |
| 51 | Trb1. <i>The AFCS-nature Molecule Pages</i> , 0, , .  | 0.2  | 13        |
| 52 | Synergistic Effect of Avemar on Proinflammatory Cytokine Production and Ras-Mediated Cell Activation. <i>Annals of the New York Academy of Sciences</i> , 2005, 1051, 515-528.  | 3.8  | 12        |
| 53 | Functional mapping of Toll/interleukin-1 signalling networks by expression cloning. <i>Biochemical Society Transactions</i> , 2005, 33, 1405.   | 3.4  | 11        |
| 54 | The Tribbles-1 Protein in Humans: Roles and Functions in Health and Disease. <i>Current Molecular Medicine</i> , 2013, 13, 80-85.   | 1.3  | 11        |

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|----|--|-----|-----------|
| 55 | Identification of 34 Novel Proinflammatory Proteins in a Genome-Wide Macrophage Functional Screen. PLoS ONE, 2012, 7, e42388.  | 2.5 | 9         |
| 56 | A Regenerative Approach to Canine Osteoarthritis Using Allogeneic, Adipose-Derived Mesenchymal Stem Cells. Safety Results of a Long-Term Follow-Up. Frontiers in Veterinary Science, 2020, 7, 510.             | 2.2 | 9         |
| 57 | Pathophysiology and Emerging Molecular Therapeutic Targets in Heterotopic Ossification. International Journal of Molecular Sciences, 2022, 23, 6983.   | 4.1 | 9         |
| 58 | A Method for Enhancing the Transfection Efficiency of Minipreps Obtained from Plasmid cDNA Libraries. Analytical Biochemistry, 2001, 288, 230-232.   | 2.4 | 8         |
| 59 | Bioinformatics Analysis of the FREM1 Gene's Evolutionary Development of the IL-1R1 Co-Receptor, TILRR. Biology, 2012, 1, 484-494.  | 2.8 | 8         |
| 60 | Feedback loops in intracellular signal processing and their potential for identifying novel signalling proteins. Cellular Immunology, 2006, 244, 158-161.  | 3.0 | 7         |
| 61 | Tribbles at the cross-roads. Biochemical Society Transactions, 2015, 43, 1049-1050.  | 3.4 | 7         |
| 62 | Experimental models of murine atherosclerosis: does perception match reality?. Cardiovascular Research, 2018, 114, 1845-1847.  | 3.8 | 7         |
| 63 | Comprehensive Profiling of Mammalian Tribbles Interactomes Implicates TRIB3 in Gene Repression. Cancers, 2021, 13, 6318.   | 3.7 | 7         |
| 64 | Enhanced Macrophage Tribbles-1 Expression in Murine Experimental Atherosclerosis. Biology, 2012, 1, 43-57.   | 2.8 | 6         |
| 65 | Generation of a novel mouse model for the inducible depletion of macrophages in vivo. Genesis, 2013, 51, 41-49.  | 1.6 | 6         |
| 66 | Tribbles role in reproduction. Biochemical Society Transactions, 2015, 43, 1116-1121.  | 3.4 | 6         |
| 67 | Evidence for a role of TRIB3 in the regulation of megakaryocytopoiesis. Scientific Reports, 2017, 7, 6684.   | 3.3 | 6         |
| 68 | Analysis of innate immune signal transduction with autocatalytic expression vectors. Journal of Immunological Methods, 2008, 330, 96-108.  | 1.4 | 3         |
| 69 | Reply to letter by Gallo and Petrek commenting on interleukin-1 receptor antagonist and interleukin-6 polymorphisms and post-total hip arthroplasty osteolysis. Arthritis and Rheumatism, 2009, 60, 3856-3857. | 6.7 | 3         |
| 70 | P16-HUMAN MACROPHAGE SUBSETS IN THE PATHOGENESIS OF CAROTID ATHEROSCLEROSIS. Cardiovascular Research, 2018, 114, S5-S6.  | 3.8 | 3         |
| 71 | A Dilemma of Functional Genomics: Count the Chickens or Study their Eggs ?. Current Genomics, 2002, 3, 139-148.  | 1.6 | 3         |
| 72 | Trb3. The AFCS-nature Molecule Pages, 0, , .   | 0.2 | 2         |

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|----|--|-----|-----------|
| 73 | Trb2. The AFCS-nature Molecule Pages, 0, , .   | 0.2 | 2         |
| 74 | TILRR, a novel IL-1RI co-receptor, potentiates MyD88 recruitment to control Ras-dependent amplification of NF- $\kappa$ B. Journal of Biological Chemistry, 2010, 285, 18122.  | 3.4 | 1         |
| 75 | 223â€¦MIRNA202 is a Novel Regulator of Tribbles-1 Expression. Heart, 2015, 101, A121.2-A121.   | 2.9 | 1         |
| 76 | P14â€¦MYELOID TRIB1 PROMOTES EXPERIMENTAL ATHEROSCLEROSIS. Cardiovascular Research, 2018, 114, S4-S4.  | 3.8 | 1         |
| 77 | 110â€¦Post-transcriptional regulation of trib1 by mirnas in primary macrophages. , 2018, , .   |     | 1         |
| 78 | KIF26B is necessary for osteogenic transdifferentiation and mineralisation in an in vitro model of heterotopic ossification. Osteoarthritis and Cartilage, 2018, 26, S33.  | 1.3 | 1         |
| 79 | BS25â€¦Investigating the MIR-101-3P/TRIB1 axis in macrophage immunometabolism. , 2019, , .   |     | 1         |
| 80 | TRIBBLES-1 IS EXPRESSED BY REGULATORY T CELLS AND INTERACTS WITH FOXP3. Transplantation, 2010, 90, 52.   | 1.0 | 0         |
| 81 | 235 TRIBBLES-1 CONTRIBUTES TO MONOCYTE MIGRATION IN EXPERIMENTAL PERITONITIS. Heart, 2013, 99, A126.1-A126.  | 2.9 | 0         |
| 82 | 213â€¦Functional Characterisation of Monocyte Derived Macrophage Phenotypes for their Role in Atherosclerosis. Heart, 2014, 100, A117.1-A117.  | 2.9 | 0         |
| 83 | 186â€¦Assessment of Plaque Macrophage Phenotype<i>in situ</i>by Multicolour Fluorescence Microscopy. Heart, 2015, 101, A104.2-A105.  | 2.9 | 0         |
| 84 | 179â€¦Investigation of human monocyte derived macrophage phenotypes for their functional role in atherosclerosis:. Heart, 2015, 101, A101.2-A102.  | 2.9 | 0         |
| 85 | Does myeloid expression of TRIB1 regulate plasma lipid levels. Atherosclerosis, 2016, 244, e6-e7.  | 0.8 | 0         |
| 86 | 165â€¦In situ Examination of Plaque Macrophage Populations Using Multicolour Florescence Microscopy Reveals Critical Differences between Murine Models of Experimental Atherosclerosis. Heart, 2016, 102, A116.2-A117. | 2.9 | 0         |
| 87 | Tribbles-3, a regulator of metabolic syndromes and type 2 diabetes. Atherosclerosis, 2017, 263, e50.   | 0.8 | 0         |
| 88 | 157â€¦Myeloid expression of trib1 regulates the polarisation state of tissue resident macrophages that has consequences on plasma lipid and metabolic homeostasis. Heart, 2017, 103, A113.2-A113.                      | 2.9 | 0         |
| 89 | 201â€¦Human oxidised phospholipid macrophages have high lipoprotein handling capabilities without readily forming unwanted foam cells. Heart, 2017, 103, A136.1-A136.  | 2.9 | 0         |
| 90 | P26â€¦MIR-101-3P CONTROLS TRIB1 EXPRESSION IN HUMAN MACROPHAGES: A POTENTIAL TARGET IN ATHEROSCLEROTIC PLAQUES. Cardiovascular Research, 2018, 114, S8-S8.   | 3.8 | 0         |

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|----|---|----|-----------|
| 91 | 114â€¦TRIB3-mediated regulation of macrophage phenotype. , 2018, , .  |    | 0         |
| 92 | BS22â€¦Double positive (CD86+ MRC1+) inflammatory macrophages in the pathogenesis of carotid atherosclerosis. , 2019, , . |    | 0         |
| 93 | Immunomics: At the Forefront of Innate Immunity Research. , 2009, , 15-38.  |    | 0         |
| 94 | Tribbles. , 2018, , 5690-5697.  |    | 0         |
| 95 | 123â€¦Myeloid TRIB1 controls experimental atherosclerosis. , 2018, , .  |    | 0         |
| 96 | 116â€¦Semi-quantitative imaging of macrophages in human carotid atherosclerotic plaques. , 2018, , .                      |    | 0         |
| 97 | Identification of 34 Novel Proinflammatory Proteins in a Genome-Wide Macrophage Functional Screen. , 2012, 7, e42388.     |    | 0         |
| 98 | Identification of 34 Novel Proinflammatory Proteins in a Genome-Wide Macrophage Functional Screen. , 2012, 7, e42388.     |    | 0         |
| 99 | Fluorescent Protein Reporter Systems for Single-Cell Measurements. , 0, , 111-120.  |    | 0         |