List of publications for Benedicte Paus

Name prior to 16.11.01: Benedicte Christensen

Updated 25.02.2025

Original publications in scientific journals with peer review

1 Ueland PM, Refsum HM, **Christensen B**
Methotrexate sensitivity in Down syndrome: A hypothesis
Cancer Chemotherapy and Pharmacology (1990) 25: 384-6

2 **Christensen B**, Refsum H, Vintermyr O, Ueland PM
Homocysteine export from cells cultured in the presence of physiological or superfuous levels of methionine: methionine loading of non-transformed, transformed, proliferating and quiescent cells in culture
Journal of Cell Physiology (1991) 146: 52-62

3 **Christensen B**, Lillehaug JR, Ueland PM
Interaction between methotrexate, „rescue" agents and cell proliferation as modulators of homocysteine export from cells in culture
The Journal of Pharmacology and Experimental Therapeutics (1991) 258: 559-566

4 Garras A, Djurhuus R, **Christensen B**, Lillehaug JR, Ueland PM
A non-radioactive assay for N5-methyltetrahydrofolate-reductase-homocysteine methyltransferase (methionine synthase) based on o-phthaldialdehyde derivatization of methionine and fluorescence detection
Analytical Biochemistry (1991) 199: 112-118

5 **Christensen B**, Refsum H, Garras A, Ueland PM
Homocysteine remethylation during nitrous oxide exposure of cells cultured in media containing various concentrations of folates
The journal of Pharmacology and Experimantal Therapeutics (1992) 261(3): 1096-1105

6 Warren DJ, **Christensen B**, Slørdal L
Effect of nitrous oxide on hematopoiesis in vitro: Biochemical and functional features
Pharmacology and Toxicology (1993) 72: 69-72

7 **Christensen B** and Ueland PM
Methinonine synthase inactivation by nitrous oxide during methionine loading of normal human fibroblasts. Homocysteine remethylation as determinant of enzyme inactivation and homocysteine export
The Journal of Pharmacology and Experimental Therapeutics (1993) 267(3):1298-1303

8 **Christensen B**, Rosenblatt DS, Chu R, and Ueland PM
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Pediatric Research (1994) 35(1): 3-9

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Preoperative methionine loading enhances restoration of the cobalamin-dependent enzyme methionine synthase after nitrous oxide anaesthesia
Anaesthesiology (1994) 80(5): 1046-1056

10 Fiskerstrand T, **Christensen B**, Tysnes OB, Ueland PM, Refsum H
Developent and reversion of methionine dependence in a human glioma cell line: Relation to homocysteine remethylation and cobalamin status
Cancer Research (1994) 54: 4899-4906

11 Riudor E, Ribes A, Pérez-Cerdá C, Arranz JA, Mora J, Yeste D, Castello F, **Christensen B**, Søvik O
Metabolic coma with ketoacidosis and hyperglycemia in 2-methylacetoacetyl-CoA thiolase deficiency
The Journal of Inherited Metabolic Disease (1995) 18(6): 748-749

12 Goyette P, **Christensen B**, Rosenblatt DS, Rozen R
Severe and mild mutations in cis for the methylenetetrahydrofolate reductase (MTHFR) gene, and description of 5 novel mutations in MTHFR
American Journal of Human Genetics (1996) 59: 1268-1275

13 Leclerc D, Campeau E, Goyette P, Adjalla CE, **Christensen B**, Ross M, Eydoux P, Rosenblatt DS, Rozen R, Gravel RA
Human methionine synthase: cDNA cloning, chromosomal localization, and identification of mutations in patients of the cblG complementation group of folate/cobalamin disorders
Human Molecular Genetics (1996) 5(12): 1867-1874

14 **Christensen B**, Frosst P, Lussier-Cacan S, Selhub J, Rosenblatt DS, Genest J Jr, Rozen R
Correlation of a common mutation in methylenetetrahydrofolate reductase (MTHFR) with plasma homocysteine in patients with premature coronary artery disease
Arterioslerosis, Thrombosis and Vascular Biology (1997) 17(3): 569-573

15 Rand-Hendriksen S and **Christensen B**
Magnettomografi av sentralnervesystemet hos voksne med myelomeningocele
The Journal of the Norwegian Medical Association (1998) 118(27): 4208-10

16 Weisberg I, Tran P, **Christensen B**, Rozen R
A second genetic polymorphism in methylenetetrahydrofolate reductase (MTHFR) associated with decreased enzyme activity
Molecular Genetics and Metabolism (1998) 64: 169-172

17 **Christensen B**, Arbour L, Tran P, Leclerc D, Sabagghian N, Platt R, Gilfix BM, Rozenblatt DS, Gravel R, Forbes P, Rozen R

Genetic polymorphisms in methylenetetrahydrofolate reductase and methionine synthase, folate levels in red blood cells, and risk of neural tube defects
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18 Ma J, Stampfer MJ, **Christensen B**, Giovannucci E, Hunter DJ, Chen J, Willett WC, Selhub J, Hennekens CH, Gravel R, Rozen R
A polymorphism of the methionine synthase gene: association with plasma folate, B12, homocyst(e)ine, and colorectal cancer risk
Cancer Epidemiology, Biomarkers & Prevention (1999) 8(9): 825-829

19 **Christensen B**, Landaas S, Stensvold I, Djurovic S, Retterstøl L, Ringstad J, Berg K, Thelle DS Whole blood folate, homocysteine in serum, and risk of first acute myocardial infarction
Atherosclerosis (1999) 147: 317-326

20 Wilson A, Platt R, Wu Q, Leclerc D, **Christensen B**, Yang H, Gravel RA, Rozen R
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Molecular Genetics and Metabolism (1999) 67: 317-323

21 Djurovic S, Thelle DS, Ringstad J, **Christensen B**, Berg K
Altered serum concentrations of TGF-b1 and Lp(a) lipoproteins and their correlation in patients with first acute myocardial infarction
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Sibs with anencephaly, anophthalmia, clefts, omphalocele, and polydactyly: Hydrolethalus or acrocallosal syndrome?
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Archives of Internal Medicine (2000) 160(12): 1834-40

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Journal of Antimicrobial Chemotherapy (2000) 46(Suppl.S1): 29-34

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Improved peripheral endothelial function by folic acid treatment in patients with hyperhomocysteinemia
The American Journal of Medicine (2001) 110: 536-542

27 **Christensen B**
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International Journal of Antimicrobial Agents (2001) 17: 283-285

28 **Christensen B**, Mosdol A, Retterstol L, Landaas S, Thelle DS. Abstention from filtered coffee reduces the levels of homocysteine and cholesterol – a randomized, controlled trial.
The American Journal of Clinical Nutrition (2001) 74(3): 302-307

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Increased levels of markers of vascular inflammation in patients with coronary heart disease
Scandinavian Journal of Clinical Laboratory Investigation (2002) 62: 59-68

31 Blaas H-G, Eriksson AG, Salvesen KÅ, Isaksen CV, **Christensen B**, Møllerløkken G, Eik-Nes S Brains and faces in holoprocencephaly: pre- and postnatal description of 30 cases
Ultrasound in Obstetrics and Gynecology (2002) 19(1): 24-38

32 Ernest S, **Christensen B**, Gilfix BM, Mamer OA, Hosack A, Rodier M, Colmenares C, McGrath J, Bale A, Balling R, Sankoff D, Rosenblatt DS, Nadeau JH
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Mammalian Genome (2002) 13(5): 259-267

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Induced changes in the consumption of coffee alter ad libitum dietary intake and physical activity level
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In: Proceedings for Atherosclerosis: Risk factors, diagnosis, and treatment Salzburg (Austria) July 7-10, 2002. Editors: Kostner GM, Kostner KM, Monduzzi Editore S.p.A.-MEDIMOND Inc. International Proceedings Division Pp. 197-201.

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International Journal of Circumpolar Health (2002) 61(4): 341-351

36 Retterstol L, **Paus B**, Bohn M, Bakken A, Erikssen J, Malinow MR, Berg K
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Prevalence data on all Ghent features in a cross-sectional study of 87 adults with proven Marfan syndrome
European Journal of Human Genetics (2009) 17(10): 1222-1230

41 Lundby R, Rand-Hendriksen S, Hald JK, Lilleås FG, Pripp AH, Skaar S, **Paus B**, Geiran O, Smith HJ.
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43 Drolsum L, Rand-Hendriksen S, **Paus B**, Lundby R, Geiran O, Semb S-O.
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Dietary aspects related to health and obesity in Williams syndrome, Down syndrome and Prader-Willi syndrome
Food and Nutrition Research 2015 59:25487 doi:10.3402/fnr.v59.25487eCollection 2015.

45 Abrahamsen BJ, Kulseth M-A, **Paus B**.

A nineteen year old male with relapsing bilateral pneumothorax, hemoptysis and intrapulmonary cavitary lesions, diagnosed with Ehlers-Danlos' syndrome and a novel missense mutation in COL3A1
CHEST 2015 147(5):e166-e170.

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The prevalence of metabolic risk factors of atherosclerotic cardiovascular disease in Williams syndrome, Prader-Willi syndrome, and Down syndrome
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DOI:10.3109/13668250.2016.1167845

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Cardiovascular surgery in Loeys-Dietz syndrome types 1-4
European Journal of Cardio-Thoracic Surgery 2017 0: 1-7 DOI: 10.1093/ezx147

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Epilepsy in classic Rett syndrome: Course and characteristics in adult age.
Epilepsy Res. 2018 Sep;145:134-139. doi: 10.1016/j.eplepsyres.2018.06.012. Epub 2018 Jun 23.

50 Henriksen MW, Ravn K, **Paus B**, von Tetzchner S, Skjeldal OH. De novo mutations in SCN1A are associated with classic Rett syndrome: a case report. BMC Med Genet. 2018 Oct 11;19(1):184. doi: 10.1186/s12881-018-0700-z. PMID: 30305042

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61 Iversen N, Henriksson CE, Sletten M, Le MS, Lindberg BR, Andersen R, **Paus B.** Heterozygosity for the Budapest 3 mutation in SERPINC1 in a family with thrombophilia and structural anomalies of the inferior vena cava. Thromb J. 2024 Aug 12;22(1):75. doi: 10.1186/s12959-024-00644-1.PMID: 39129027

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69 **Paus B:** Klinisk genetikk. En innføringsbok ISBN 978-82-05-39343-1
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Other publications

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78 **Paus B**
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79 **Paus B**
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