

# Antje Garten

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4959338/publications.pdf>

Version: 2024-02-01

52  
papers

3,417  
citations

279798

23  
h-index

182427

51  
g-index

54  
all docs

54  
docs citations

54  
times ranked

4890  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Small integral membrane protein 10 like 1 downregulation enhances differentiation of adipose progenitor cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 604, 57-62.            | 2.1 | 1         |
| 2  | Reduced lipolysis in lipoma phenocopies lipid accumulation in obesity. <i>International Journal of Obesity</i> , 2021, 45, 565-576.  | 3.4 | 14        |
| 3  | Tolerogenic effects of 1,25-dihydroxyvitamin D on dendritic cells involve induction of fatty acid synthesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 211, 105891.           | 2.5 | 11        |
| 4  | PTEN regulates adipose progenitor cell growth, differentiation, and replicative aging. <i>Journal of Biological Chemistry</i> , 2021, 297, 100968.   | 3.4 | 8         |
| 5  | Obesity—An Update on the Basic Pathophysiology and Review of Recent Therapeutic Advances. <i>Biomolecules</i> , 2021, 11, 1426.  | 4.0 | 35        |
| 6  | Nicotinamide riboside has minimal impact on energy metabolism in mouse models of mild obesity. <i>Journal of Endocrinology</i> , 2021, 251, 111-123.   | 2.6 | 12        |
| 7  | Phenotype-tissue expression and exploration (PTEE) resource facilitates the choice of tissue for RNA-seq-based clinical genetics studies. <i>BMC Genomics</i> , 2021, 22, 802.                           | 2.8 | 8         |
| 8  | A new human adipocyte model with PTEN haploinsufficiency. <i>Adipocyte</i> , 2020, 9, 290-301.   | 2.8 | 7         |
| 9  | Relation of Whole Blood Amino Acid and Acylcarnitine Metabolome to Age, Sex, BMI, Puberty, and Metabolic Markers in Children and Adolescents. <i>Metabolites</i> , 2020, 10, 149.                        | 2.9 | 27        |
| 10 | Nicotinamide Riboside Augments the Aged Human Skeletal Muscle NAD <sup>+</sup> Metabolome and Induces Transcriptomic and Anti-inflammatory Signatures. <i>Cell Reports</i> , 2019, 28, 1717-1728.e6.     | 6.4 | 253       |
| 11 | Sorafenib-Induced Apoptosis in Hepatocellular Carcinoma Is Reversed by SIRT1. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4048.   | 4.1 | 58        |
| 12 | The Novel Phosphatidylinositol-3-Kinase (PI3K) Inhibitor Alpelisib Effectively Inhibits Growth of PTEN-Haploinsufficient Lipoma Cells. <i>Cancers</i> , 2019, 11, 1586.                                  | 3.7 | 17        |
| 13 | NAD metabolites interfere with proliferation and functional properties of THP-1 cells. <i>Innate Immunity</i> , 2019, 25, 280-293.   | 2.4 | 11        |
| 14 | Direct physical interaction of active Ras with mSIN1 regulates mTORC2 signaling. <i>BMC Cancer</i> , 2019, 19, 1236.   | 2.6 | 12        |
| 15 | SIRT6 deacetylase activity regulates NAMPT activity and NAD(P)(H) pools in cancer cells. <i>FASEB Journal</i> , 2019, 33, 3704-3717.   | 0.5 | 48        |
| 16 | SUN-109 PTEN Regulates Differentiation and Proliferation of Aging Preadipocytes. <i>Journal of the Endocrine Society</i> , 2019, 3, .  | 0.2 | 0         |
| 17 | Inhibition of NAMPT sensitizes MOLT4 leukemia cells for etoposide treatment through the SIRT2-p53 pathway. <i>Leukemia Research</i> , 2018, 69, 39-46.   | 0.8 | 20        |
| 18 | Hepatic NAD <sup>+</sup> levels and NAMPT abundance are unaffected during prolonged high-fat diet consumption in C57BL/6J BomTac mice. <i>Molecular and Cellular Endocrinology</i> , 2018, 473, 245-256. | 3.2 | 35        |

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|----|---|-----|-----------|
| 19 | Simvastatin induces apoptosis in PTEN haploinsufficient lipoma cells. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3691-3698.   | 4.0 | 10        |
| 20 | Metabolic tracing reveals novel adaptations to skeletal muscle cell energy production pathways in response to NAD <sup>+</sup> depletion. <i>Wellcome Open Research</i> , 2018, 3, 147.   | 1.8 | 14        |
| 21 | Omentin-1 and NAMPT serum concentrations are higher and CK-18 levels are lower in children and adolescents with type 1 diabetes when compared to healthy age, sex and BMI matched controls. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 959-969. | 0.9 | 13        |
| 22 | Metabolic tracing reveals novel adaptations to skeletal muscle cell energy production pathways in response to NAD <sup>+</sup> depletion. <i>Wellcome Open Research</i> , 2018, 3, 147.   | 1.8 | 17        |
| 23 | Could NAMPT inhibition become a potential treatment option in hepatocellular carcinoma?. <i>Expert Review of Anticancer Therapy</i> , 2017, 17, 289-291.  | 2.4 | 3         |
| 24 | Short-term overfeeding of zebrafish with normal or high-fat diet as a model for the development of metabolically healthy versus unhealthy obesity. <i>BMC Physiology</i> , 2017, 17, 4.   | 3.6 | 129       |
| 25 | Oleate ameliorates palmitate-induced reduction of NAMPT activity and NAD levels in primary human hepatocytes and hepatocarcinoma cells. <i>Lipids in Health and Disease</i> , 2017, 16, 191.  | 3.0 | 17        |
| 26 | Nicotinamide riboside kinases display redundancy in mediating nicotinamide mononucleotide and nicotinamide riboside metabolism in skeletal muscle cells. <i>Molecular Metabolism</i> , 2017, 6, 819-832.  | 6.5 | 96        |
| 27 | Altered hepatic lipid metabolism in mice lacking both the melanocortin type 4 receptor and low density lipoprotein receptor. <i>PLoS ONE</i> , 2017, 12, e0172000.  | 2.5 | 15        |
| 28 | EWS-FLI1 confers exquisite sensitivity to NAMPT inhibition in Ewing sarcoma cells. <i>Oncotarget</i> , 2017, 8, 24679-24693.  | 1.8 | 20        |
| 29 | Resveratrol Potentiates Growth Inhibitory Effects of Rapamycin in PTEN-deficient Lipoma Cells by Suppressing p70S6 Kinase Activity. <i>Nutrition and Cancer</i> , 2016, 68, 342-349.  | 2.0 | 7         |
| 30 | Nicotinamide phosphoribosyltransferase production in human spermatozoa is influenced by maturation stage. <i>Andrology</i> , 2016, 4, 1045-1053.  | 3.5 | 16        |
| 31 | FK866-induced NAMPT inhibition activates AMPK and downregulates mTOR signaling in hepatocarcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 334-340.   | 2.1 | 55        |
| 32 | Physiological and pathophysiological roles of NAMPT and NAD metabolism. <i>Nature Reviews Endocrinology</i> , 2015, 11, 535-546.  | 9.6 | 462       |
| 33 | Phosphatidylinositol 3-kinase (PI3K) signalling regulates insulin-like-growth factor binding protein-2 (IGFBP-2) production in human adipocytes. <i>Growth Hormone and IGF Research</i> , 2015, 25, 115-120.  | 1.1 | 9         |
| 34 | Hepatic NAD salvage pathway is enhanced in mice on a high-fat diet. <i>Molecular and Cellular Endocrinology</i> , 2015, 412, 65-72.   | 3.2 | 29        |
| 35 | Resveratrol Differentially Regulates NAMPT and SIRT1 in Hepatocarcinoma Cells and Primary Human Hepatocytes. <i>PLoS ONE</i> , 2014, 9, e91045.   | 2.5 | 33        |
| 36 | Sirolimus treatment of severe PTEN hamartoma tumor syndrome: case report and in vitro studies. <i>Pediatric Research</i> , 2014, 75, 527-534.   | 2.3 | 54        |

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|----|--|------|-----------|
| 37 | Nicotinamide Phosphoribosyltransferase Inhibitors, Design, Preparation, and Structure-Activity Relationship. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9071-9088.  | 6.4  | 32        |
| 38 | Oleate rescues INS-1E $\beta$ -cells from palmitate-induced apoptosis by preventing activation of the unfolded protein response. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 770-776.                                | 2.1  | 57        |
| 39 | The Adipocytokine Nampt and Its Product NMN Have No Effect on Beta-Cell Survival but Potentiate Glucose Stimulated Insulin Secretion. <i>PLoS ONE</i> , 2013, 8, e54106.   | 2.5  | 49        |
| 40 | Leucocytes are a major source of circulating nicotinamide phosphoribosyltransferase (NAMPT)/pre-B cell colony (PBEF)/visfatin linking obesity and inflammation in humans. <i>Diabetologia</i> , 2011, 54, 1200-1211.                             | 6.3  | 158       |
| 41 | Nampt and Its Potential Role in Inflammation and Type 2 Diabetes. <i>Handbook of Experimental Pharmacology</i> , 2011, , 147-164.  | 1.8  | 31        |
| 42 | Target enzyme mutations are the molecular basis for resistance towards pharmacological inhibition of nicotinamide phosphoribosyltransferase. <i>BMC Cancer</i> , 2010, 10, 677.  | 2.6  | 48        |
| 43 | Nicotinamide phosphoribosyltransferase (NAMPT/PBEF/visfatin) is constitutively released from human hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 376-381.   | 2.1  | 128       |
| 44 | Activation of Erk1/2 phosphorylation but not of Akt/Pkb through an inducible CSF1R/IRR-receptor construct in INS-1E $\beta$ -cells. <i>Archives of Physiology and Biochemistry</i> , 2010, 116, 128-136.   | 2.1  | 3         |
| 45 | Nampt: linking NAD biology, metabolism and cancer. <i>Trends in Endocrinology and Metabolism</i> , 2009, 20, 130-138.  | 7.1  | 347       |
| 46 | Molecular Characteristics of Serum Visfatin and Differential Detection by Immunoassays. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4783-4791.   | 3.6  | 145       |
| 47 | Nampt/PBEF/Visfatin Regulates Insulin Secretion in $\beta$ Cells as a Systemic NAD Biosynthetic Enzyme. <i>Cell Metabolism</i> , 2007, 6, 363-375.   | 16.2 | 785       |
| 48 | Physiology of obesity in childhood and adolescence. <i>Current Paediatrics</i> , 2006, 16, 123-131.  | 0.2  | 4         |
| 49 | Glucose regulates expression of the nerve growth factor (NGF) receptors TrkA and p75NTR in rat islets and INS-1E $\beta$ -cells. <i>Regulatory Peptides</i> , 2006, 135, 30-38.  | 1.9  | 15        |
| 50 | Glucose concentration and AMP-dependent kinase activation regulate expression of insulin receptor family members in rat islets and INS-1E beta cells. <i>Diabetologia</i> , 2005, 48, 1798-1809.   | 6.3  | 20        |
| 51 | Clinical Examples of Disturbed IGF Signaling: Intrauterine and Postnatal Growth Retardation due to Mutations of the Insulin-Like Growth Factor I Receptor (IGF-IR) Gene. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2005, 6, 183-187. | 5.7  | 10        |
| 52 | Comparative analysis of the signaling capabilities of the insulin receptor-related receptor. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 557-564.  | 2.1  | 8         |