

Publication List Antje Körner

Researcher identifier(s):

ORCID: 0000-0001-6001-0356; WOS: B-3988-2015; Scopus Author ID: 8951381400

Publons (WoS):

<https://publons.com/researcher/2440229/antje-korner/publications/> h-index: 60

Original Publications¹

2025

1. Lazarescu O, Ziv-Agam M, Haim Y, Hekselman I, Jubran J, Shneyour A, Muallem H, Zemer A, Rosengarten-Levin M, Kitsberg D, Levin L, Liberty IF, Yoel U, Dukhno O, Adam M, Braune J, Müller C, Raulien N, Gericke M, Körner A, Murphy R, Blüher M, Habib N, Rudich A, Yeger-Lotem E. Human subcutaneous and visceral adipocyte atlases uncover classical and nonclassical adipocytes and depot-specific patterns. **Nat Genet** Feb;57(2):413-426 (2025) IF: 31.8

2024

2. Frielitz-Wagner IV, Mattutat J, Frielitz FS, Scheuermann K, Gesing J, Marheineke D, Löffler D, Kiess W, Körner A. Diurnal rhythm of Nampt is gender and weight dependent. **Obes Res Clin Pract** May-Jun;18(3):181-188 (2024) IF: 2.5; cites 26
3. Tomar A, Gomez-Velazquez M, Gerlini R, Comas-Armangué G, Makharadze L, Kolbe T, Boersma A, Dahlhoff M, Burgstaller JP, Lassi M, Darr J, Toppari J, Virtanen H, Kühnapfel A, Scholz M, Landgraf K, Kiess W, Vogel M, Gailus-Durner V, Fuchs H, Marschall S, Hrabě de Angelis M, Kotaja N, Körner A, Teperino R. Epigenetic inheritance of diet-induced and sperm-borne mitochondrial RNAs. **Nature** Jun;630(8017):720-727 (2024) IF: 50.5; cites 39
4. Dietzsch AN, Al-Hasani H, Altschmied J, Bottermann K, Brendler J; Judith Haendeler; Horn S; Kaczmarek I; Körner A, Krause K, Landgraf K, Le Duc D, Lehmann L, Lehr S, Pick S, Ricken A, Schnorr R, Schulz A, Strnadová M, Velluva A, Zabri H, Schöneberg T, Thor D, Prömel S. Dysfunction of the adhesion G protein-coupled receptor latrophilin 1 (ADGRL1/LPHN1) increases the risk of obesity. **Signal Transduction and Targeted Therapy** 9;103 (2024) IF: 40.8; cites 4
5. Krishnan S, Manoharan J, Wang H, Gupta D, Fatima S, Yu Y, Mathew A, Li Z, Kohli S, Schwab C, Körner A, Mertens PR, Nawroth P, Shahzad K, Naumann M, Isermann B, Biemann R. Corrigendum to "CD248 induces a maladaptive unfolded protein response in diabetic kidney disease." **Kidney International**; 103:304-319. **Kidney Int** Dec;106(6):1193-1196 (2024) IF: 14.8; cites 9
6. Scholz M, Horn K, Pott J, Wuttke M, Kühnapfel A, Nasr MK, Kirsten H, Li Y, Hoppmann A, Gorski M, Ghasemi S, Li M, Tin A, Chai J-F, Cocca M, Wang J, Nutile T, (...) Körner A (...) Pattaro C. X-chromosome and kidney function: evidence from a multi-trait genetic analysis of 908,697 individuals reveals sex-specific and sex-differential findings in genes

¹ Impact factors according to Journal Citation Report
Citations according to Web of Science as of Mar 25, 2025

regulated by androgen response elements. **Nature communications** 15(1):586 (2024)

IF: 14.7; cites 4

7. Stefanucci L, Moslemi C, Tomé AR, Virtue S, Bidault G, Gleadall NS, Watson LPE, Kwa JE, Burden F, Farrow S; DBDS Genetic Consortium; Chen J; MAGIC; Vösa U, Burling K, Walker L, Ord J, Barker P, Warner J, Frary A, Renhstrom K, Ashford SE, Piper J, Biggs G, Erber WN, Hoffman GJ, Schoenmakers N, Erikstrup C, Rieneck K, Dziegiel MH, Ullum H, Azzu V, Vacca M, Aparicio HJ, Hui Q, Cho K, Sun YV, Wilson PW, Bayraktar OA, Vidal-Puig A, Ostrowski SR, Astle WJ, Olsson ML, Storry JR, Pedersen OB, Ouwehand WH, Chatterjee K, Vuckovic D, Frontini M. SMIM1 absence is associated with reduced energy expenditure and excess weight. **Med Sep** 13;5(9):1083-1095.e6 (2024). IF: 12.8
8. Galler A, Thönnies A, Joas J, Joisten C, Körner A, Reinehr T, Röbl M, Schauerte G, Siegfried W, Weghuber D, Weihrauch-Blüher S, Wiegand S, Holl R, Prinz N, APV Initiative. Clinical characteristics and outcomes of children, adolescents and young adults with overweight or obesity and mental health disorders. **Int Journal of Obesity** 48: 423-432 (2024) IF: 4.2; cites 7
9. Aldehoff AS, Karkossa I, Goerdeler C, Krieg L, Schor J, Engelmann B, Wabitsch M, Landgraf K, Hackermüller J, Körner A, Rolle-Kampczyk U, Schubert K, von Bergen M. Unveiling the dynamics of acetylation and phosphorylation in SGBS and 3T3-L1 adipogenesis. **iScience** Apr 10;27(6):109711 (2024) IF: 4.6
10. Jensch R, Baber R, Körner A, Kiess W, Ceglarek U, Garten A, Vogel M. Association of Whole Blood Amino Acid and Acylcarnitine Metabolome with Anthropometry and IGF-I Serum Levels in Healthy Children and Adolescents in Germany. **Metabolites** Sep 9;14(9):489 (2024) IF: 3.5
11. Boczki P, Colombo M, Weiner J, Rapöhn I, Lacher M, Kiess W, Hanschkow M, Körner A, Landgraf K. Inhibition of AHCY impedes proliferation and differentiation of mouse and human adipocyte progenitor cells. **Adipocyte** 13(1): 2290218 (2024) IF: 3.5; cites 1
12. Stürzebecher PE, Uttinger KL, Vogel M, Schlingmann M, Ceglarek U, Isermann B, Kiess W, Körner A, Laufs U. Lipoprotein(a) serum concentrations in children in relation to body mass index, age and sex. **Pediatr Res** Jul;96(1):177-183 (2024) IF: 3.1; cites 3
13. Kühnen P, Argente J, Clément K, Dollfus H, Dubern B, Farooqi S, de Groot C, Grütters A, Holm JC, Hopkins M, Kleinendorst L, Körner A, Meeker D, Rydén M, von Schnurbein J, Tschöp M, Yeo GSH, Zorn S, Wabitsch M. IMPROVE 2022 International Meeting on Pathway-Related Obesity: Vision of Excellence. **Clin Obes** Apr 11:e12659 (2024) IF: 2.2; cites 1

2023

14. Körner A, Stein R, Landgraf K. Beyond genetic screening-functionality-based precision medicine in monogenic obesity. **Lancet Diabetes Endocrinol** Mar;11(3):143-144 (2023) IF: 44.0
15. Hammel MC, Stein R, Kratzsch J, Vogel M, Eckert AJ, Triatin RD, Colombo M, Meigen C, Baber R, Stanik J, Spielau U, Stoltze A, Wirkner K, Tönjes A, Snieder H, Holl RW, Stumvoll M, Blüher M, Kiess W, Körner A. Fasting indices of glucose-insulin-metabolism across life span and prediction of glycemic deterioration in children with obesity from new diagnostic cut-offs. **Lancet Reg Health Eur** May 23;30:100652 (2023) IF: 13.3; cites 7

16. Ott R, Stein R, Hauta-Alus HH, Ronkainen J, Fernández-Barrés S, Spielau U, Kirsten H, Poulain T, Melton PE, Küpers LK, Azaryah H, Colombo M, Landgraf K, Tobi EW, O'Sullivan T, Huang RC, Campoy C, Winkler C, Vioque J, Vrijheid M, Kiess W, Körner A, Sebert S, Jarvelin MR, Ziegler AG, Hummel S. Epigenome-Wide Meta-analysis Reveals Associations Between Dietary Glycemic Index and Glycemic Load and DNA Methylation in Children and Adolescents of Different Body Sizes. **Diabetes Care** Nov 1;46(11):2067-2075 (2023) IF: 14.8; cites 3
17. Denzer C, Rosenbauer J, Klose D, Körner A, Reinehr T, Baechle C, Schröder C, Wiegand S, Holl RW, Prinz N; DPV-Initiative. Is COVID-19 to Blame? Trends of Incidence and Sex Ratio in Youth-Onset Type 2 Diabetes in Germany. **Diabetes Care**. Jul 1;46(7):1379-1387 (2023) IF: 14.8; cites 10
18. Prinz N, Pomares-Millan H, Dannemann A, Giordano GN, Joisten C, Körner A, Weghuber D, Weihrauch-Blüher S, Wiegand S, Holl RW, Lanzinger S; APV initiative and the Stratification of Obesity Phenotypes to Optimize Future Therapy (SOPHIA) consortium. Who benefits most from outpatient lifestyle intervention? An IMI-SOPHIA study on pediatric individuals living with overweight and obesity. **Obesity (Silver Spring)** Sep;31(9):2375-2385 (2023) IF: 4.2; cites 2
19. Kelly AS, Arslanian S, Hesse D, Iversen AT, Körner A, Schmidt S, Sørrig R, Weghuber D, Jastreboff AM. Reducing BMI below the obesity threshold in adolescents treated with once-weekly subcutaneous semaglutide 2.4 mg. **Obesity (Silver Spring)** Aug;31(8):2139-2149 (2023) IF: 4.2; cites 19
20. Kaczmarek I, Wower I, Ettig K, Kuhn CK, Kraft R, Landgraf K, Körner A, Schöneberg T, Horn S, Thor D. Identifying G protein-coupled receptors involved in adipose tissue function using the innovative RNA-seq database FATTLAS. **iScience** Sep 9;26(10):107841 (2023) IF: 4.6; cites 4
21. Abdul Majeed S, Duzendorfer H, Weiner J, Heiker JT, Kiess W, Körner A, Landgraf K. COBL, MKX and MYOC Are Potential Regulators of Brown Adipose Tissue Development Associated with Obesity-Related Metabolic Dysfunction in Children. **Int J Mol Sci** Feb 4;24(4):3085 (2023) IF: 4.9; cites 3
22. Vinoy S, Goletzke J, Rakhshandehroo M, Schweitzer L, Flourakis M, Körner A, Alexy U, van Schothorst E, Ceriello A, Zakrzewski-Fruer J, Buyken A. Health relevance of lowering postprandial glycaemia in the paediatric population through diet: results from a multistakeholder workshop. **European journal of nutrition** 62(3): 1093-1107 (2023) IF 4.1; cites 1
23. Stein R, Koutny F, Riedel J, Dörr N, Meyer K, Colombo M, Vogel M, Anderwald CH, Blüher M, Kiess W, Körner A, Weghuber D. Single Point Insulin Sensitivity Estimator (SPISE) As a Prognostic Marker for Emerging Dysglycemia in Children with Overweight or Obesity. **Metabolites** Jan 7;13(1):100 (2023) IF: 3.5; cites 3
24. Hirsch C, Schierz O, Körner A, Kiess W, Biemann R, Schrock A, Türp JC. Sex hormones associated with temporomandibular pain on palpation in male adolescents-Results of the epidemiologic LIFE child study. **J Oral Rehabil** Oct;50(10):972-979 (2023) IF: 3.1
25. Willems SM, Ng NHJ, Fernandez J, [...] Körner A, [...], Barroso I. Large-scale exome array summary statistics resources for glycemic traits to aid effector gene prioritization

tics resources for glycemetic traits to aid effector gene prioritization. **Wellcome Open Res.** Oct;20(8):483 (2023) IF: 1.94

26. Li JH, Brenner LN, Kaur V, Figueroa K, Schroeder P, Huerta-Chagoya A; MAGIC Investigators; Diabetes Prevention Program (DPP) Research Group; Udler MS, Leong A, Mercader JM, Florez JC. Genome-wide association analysis identifies ancestriespecific genetic variation associated with acute response to metformin and glipizide in SUGAR-MGH. **Diabetologia.** Jul;66(7):1260-1272 (2023) IF: 8.4; cites 2

2022

27. Kempf E, Landgraf K, Stein R, Hanschkow M, Hilbert A, Abou Jamra R, Boczki P, Herberth G, Kühnapfel A, Tseng YH, Stäubert C, Schöneberg T, Kühnen P, Rayner NW, Zeggini E, Kiess W, Blüher M, Körner A. Aberrant expression of agouti signaling protein (ASIP) as a cause of monogenic severe childhood obesity. **Nat Metab** 4(12):1697-1712 (2022) IF: 19.2; cites: 20
28. Landgraf K, Kühnapfel A, Schlanstein M, Biemann R, Isermann B, Kempf E, Kirsten H, Scholz M, Körner A. Transcriptome Analyses of Adipose Tissue Samples Identify EGFL6 as a Candidate Gene Involved in Obesity-Related Adipose Tissue Dysfunction in Children. **Int J Mol Sci** 23(8):4349 (2022) IF: 4.9; cites 7
29. Bohn C, Vogel M, Poulain T, Hiemisch A, Kiess W, Körner A. Having siblings promotes a more healthy weight status-Whereas only children are at greater risk for higher BMI in later childhood. **PLoS One** 19;17(7):e0271676 (2022) IF: 2.9; cites 3
30. Kempf E, Landgraf K, Vogel T, Spielau U, Stein R, Raschpichler M, Kratzsch J, Kiess W, Stanik J, Körner A. Associations of GHR, IGF-1 and IGFBP-3 expression in adipose tissue cells with obesity-related alterations in corresponding circulating levels and adipose tissue function in children. **Adipocyte** 11(1):630-642 (2022) IF: 3.5; cites 8
31. Hoang AC, Sasi-Szabó L, Pál T, Szabó T, Diedrich V, Herwig A, Landgraf K, Körner A, Röszer T. Mitochondrial RNA stimulates beige adipocyte development in young mice. **Nat Metab** 4(12):1684-1696 (2022) IF: 19.2; cites 17
32. Yang CH, Fagnocchi L, Apostle S, Wegert V, Casaní-Galdón S, Landgraf K, Panzeri I, Dror E, Heyne S, Wörpel T, Chandler DP, Lu D, Yang T, Gibbons E, Guerreiro R, Bras J, Thomasen M, Grunnet LG, Vaag AA, Gillberg L, Grundberg E, Conesa A, Körner A; PERMUTE; Pospisilik JA. Independent phenotypic plasticity axes define distinct obesity sub-types. **Nat Metab** 4(9):1150-1165 (2022) IF: 19.2; cites 20
33. Krishnan S, Manoharan J, Wang H, Gupta D, Fatima S, Yu Y, Mathew A, Li Z, Kohli S, Schwab C, Körner A, Mertens PR, Nawroth P, Shahzad K, Naumann M, Isermann B, Biemann R. CD248 induces a maladaptive unfolded protein response in diabetic kidney disease. **Kidney Int** 26:S0085-2538(22)00904-8 (2022) IF: 14.8; cites 9
34. Christen L, Broghammer H, Rapöhn I, Möhlis K, Strehlau C, Ribas-Latre A, Gebhardt C, Roth L, Krause K, Landgraf K, Körner A, Rohde-Zimmermann K, Hoffmann A, Klötting N, Ghosh A, Sun W, Dong H, Wolfrum C, Rassaf T, Hendgen-Cotta UB, Stumvoll M, Blüher M, Heiker JT, Weiner J. Myoglobin-mediated lipid shuttling increases adrenergic activation of brown and white adipocyte metabolism and is as a marker of thermogenic adipocytes in humans. **Clin Transl Med** Dec;12(12):e1108 (2022) IF: 7.9; cites 8

Publication List *Antje Körner (née Böttner)*

35. Küpers LK, Fernández-Barrés S, Mancano G, Johnson L, Ott R, Vioque J, Colombo M, Landgraf K, Tobi EW, Körner A, Gaillard R, de Vries JHM, Jaddoe VVW, Vrijheid M, Sharp GC, Felix JF. Maternal Dietary Glycemic Index and Glycemic Load in Pregnancy and Offspring Cord Blood DNA Methylation. **Diabetes Care** 1;45(8):1822-1832 (2022) IF: 14.8; cites 12
36. Breinker JL, Kaspar A, Sergejev E, Körner A, Kiess W, Hilbert A. Predictors of Effectiveness and Adherence in a Multimodal Obesity Treatment Program for Children and Adolescents in Routine Care. **Nutrients** 28;15(1):136 (2022) IF: 4.8
37. Winkler TW, Rasheed H, Teumer A, Gorski M, Rowan BX, Stanzick KJ, Thomas LF, Tin A, Hoppmann A, Chu AY, Tayo B, Thio CHL, Cusi D, Chai JF, Sieber KB, Horn K, Li M, Scholz M, Cocca M, Wuttke M, van der Most PJ, Yang Q, Ghasemi S, Nutile T, Li Y, Pontali G, Günther F, Dehghan A, Correa A, Parsa A, Feresin A, de Vries APJ, Zonderman AB, Smith AV, Oldehinkel AJ, De Grandi A, Rosenkranz AR, Franke A, Teren A, Metspalu A, Hicks AA, Morris AP, Tönjes A, Morgan A, Podgornaia AI, Peters A, Körner A, [], Heid IM. Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. **Commun Biol** 5(1):580 (2022) IF: 5.2; cites 18
38. Pfäffle R, Knüpfer M, Göbert M, Vogel M, Gausche R, Beger C, Keller E, Körner A, Thome U, Kiess W. Growth Patterns of Children With Short Stature in Adulthood According to Auxological Status and Maturity at Birth. **J Clin Endocrinol Metab** 25;107(12):3320-3327 (2022) IF:5; cites 4
39. Hanschkow M, Boulet N, Kempf E, Bouloumié A, Kiess W, Stein R, Körner A, Landgraf K. Expression of the adipocyte progenitor markers MSCA1 and CD36 is associated with adipose tissue function in children. **J Clin Endocrinol Metab** 107:e836-e851 (2022) IF: 5; cites 6
40. Vogel M, Geserick M, Gausche R, Beger C, Poulain T, Meigen C, Körner A, Keller E, Kiess W, Pfäffle R. Age- and weight group-specific weight gain patterns in children and adolescents during the 15 years before and during the COVID-19 pandemic. **Int J Obes (Lond)** 46:144-152 (2022) IF: 4.2; cites 89
41. Thrum S, Sommer M, Raulien N, Gericke M, Massier L, Kovacs P, Krasselt M, Landgraf K, Körner A, Dietrich A, Blüher M, Rossol M, Wagner U. Macrophages in obesity are characterised by increased IL-1 β response to calcium-sensing receptor signals. **Int J Obes (Lond)** Aug 5 (2022) Epub ahead of print IF: 4.2; cites 10
42. Buchhardt J, Kiess W, Körner A, Biemann R, Hirsch C, Child Study Team L. The Influence of Steroid Hormones on Tooth Wear in Children and in Adolescents. **J Clin Med** 11(13):3603 (2022) IF: 3; cites 3
43. Brandstetter S, Poulain T, Vogel M, Meigen C, Melter M, Königer A, Apfelbacher C, Kiess W, Kabesch M, Körner A, Kuno Kids Study Group. Families' Worries during the First and Second COVID-19 Wave in Germany: Longitudinal Study in Two Population Based Cohorts. **Int J Environ Res Public Health**. 19(5):2820 (2022) IF: 4.61; cites 6
44. Thieme F, Vogel M, Gausche R, Beger C, Vasilakis IA, Kratzsch J, Körner A, Kiess W, Pfäffle RW. The Influence of Body Mass Index on the Growth Hormone Peak Response regarding Growth Hormone Stimulation Tests in Children. **Horm Res Paediatr** 95(5):452-460 (2022) IF: 2.6; cites 3

Publication List *Antje Körner (née Böttner)*

45. Krönke AA, Jurkutat A, Schlingmann M, Poulain T, Nüchter M, Hilbert A, Kiviranta H, Körner A, Vogel M, Söder O, Bornehag CG, Kiess W. Persistent organic pollutants in pregnant women potentially affect child development and thyroid hormone status. **Pediatr Res** 91(3):690-698 (2022) IF: 3.1; cites 16
46. Ziegelasch N, Vogel M, Körner A, Koch E, Jurkutat A, Ceglarek U, Dittrich K, Kiess W. Cystatin C relates to metabolism in healthy, pubertal adolescents. **Pediatr Nephrol** 37:423-432 (2022) IF: 2.6; cites 2
47. Vogelesang S, Bradfield JP; Early Growth Genetics Consortium; Grant SFA, Felix JF, Jaddoe VVW. Genetics of early-life head circumference and genetic correlations with neurological, psychiatric and cognitive outcomes. **BMC Med Genomics** 4;15(1):124 (2022) IF:2.1; cites 3
48. Hovestadt I, Kiess W, Lewien C, Willenberg A, Poulain T, Meigen C, Körner A, Vogel M. HbA1c percentiles and the association between BMI, age, gender, puberty, and HbA1c levels in healthy German children and adolescents. **Pediatr Diabetes** 23(2):194-202 (2022) IF: 3.9; cites 16
49. Hjorth T, Schadow A, Revheim I, Spielau U, Thomassen LM, Meyer K, Piotrowski K, Rosendahl-Riise H, Rieder A, Varela P, Lysne V, Ballance S, Körner A, Landberg R, Buyken A, Dierkes J. Sixteen-week multicentre randomised controlled trial to study the effect of the consumption of an oat beta-glucan-enriched bread versus a whole-grain wheat bread on glycaemic control among persons with pre-diabetes: a study protocol of the CarbHealth study. **BMJ Open** 23;12(8):e062066 (2022) IF: 2.4; cites 3
50. Kiess A, Green J, Willenberg A, Ceglarek U, Dähnert I, Jurkutat A, Körner A, Hiemisch A, Kiess W, Vogel M. Age-Dependent Reference Values for hs-Troponin T and NTproBNP and Determining Factors in a Cohort of Healthy Children (The LIFE Child Study). **Pediatr Cardiol** 43(5):1071-1083 (2022) IF: 1.5; cites 29
51. Kiess W, Stoltze A, Kirstein AS, Gesing J, Stein R, Körner A, Pfäffle R. Disorders of sex development - biologic, genetic, cultural, societal, and psychologic diversity of the human nature. **J Pediatr Endocrinol Metab** Dec 9;36(1):1-3 (2022) IF: 1.3

2021

52. Koutny F, Stein R, Kiess W, Weghuber D, Körner A. Elevated transaminases potentiate the risk for emerging dysglycemia in children with overweight and obesity. **Pediatr Obes** 16:e12822 (2021) IF: 2.7; cites 10
53. Kempf E, Vogel M, Vogel T, Kratzsch J, Landgraf K, Kühnapfel A, Gausche R, Gräfe D, Sergejev E, Pfäffle R, Kiess W, Stanik J, Körner A. Dynamic alterations in linear growth and endocrine parameters in children with obesity and height reference values. **EClinicalMedicine** 37:100977 (2021) IF: 9.6; cites 15
54. Chen J, Spracklen CN, [118authors], Vogel M, [20authors], Blüher M, [33authors], Kiess W, [24authors], Körner A, Kovacs P, [56authors], Stumvoll M, Sun L, Tabara Y, Tai ES, Timpson NJ, Tönjes A, [24authors], Zeggini E, [14authors], Wheeler E, Morris AP, Barroso I. The trans-ancestral genomic architecture of glycemic traits. **Nat Genet** 53:840-60 (2021) IF: 31.8; cites 370
55. Lagou V, [69authors], Kovacs P, [8authors], Kiess W, [35authors], Blüher M, [17authors], Körner A, [16authors], Stumvoll M, [52authors], Prokopenko I. Sex-dimorphic genetic

- effects and novel loci for fasting glucose and insulin variability. **Nat Commun** 12:24 (2021) IF: 14.7; cites 101
56. Schaffert A, Krieg L, Weiner J, Schlichting R, Ueberham E, Karkossa I, Bauer M, Landgraf K, Junge KM, Wabitsch M, Lehmann J, Escher BI, Zenclussen AC, Körner A, Blüher M, Heiker JT, von Bergen M, Schubert K. Alternatives for the worse: Molecular insights into adverse effects of bisphenol a and substitutes during human adipocyte differentiation. **Environ Int** 156:106730 (2021) IF: 10.3; cites 29
57. Surup H, Vogel M, Koerner A, Hiemisch A, Oelkers L, Willenberg A, Kiess W, Kratzsch J. Pediatric Reference Intervals for Thyrotropin, Free Triiodothyronine, and Free Thyroxine and the Relevance of Body Mass Index and Puberty in Measurement Interpretation. **Thyroid** 31:1192-202 (2021) IF: 6.0; cites 10
58. Kreuzler P, Vogel M, Willenberg A, Baber R, Dietz Y, Körner A, Ceglarek U, Kiess W. Folate and Cobalamin Serum Levels in Healthy Children and Adolescents and Their Association with Age, Sex, BMI and Socioeconomic Status. **Nutrients** 13 (2021) IF: 4.8; cites 22
59. Kirstein AS, Kehr S, Nebe M, Hanschkow M, Barth LAG, Lorenz J, Penke M, Breitfeld J, Le Duc D, Landgraf K, Körner A, Kovacs P, Stadler PF, Kiess W, Garten A. PTEN regulates adipose progenitor cell growth, differentiation, and replicative aging. **J Biol Chem** 297:100968 (2021) IF: 4.0; cites 12
60. Nidens N, Krönke A, Jurkutat A, Schlingmann M, Poulain T, Nüchter M, Kiviranta H, Körner A, Vogel M, Lindh C, Bornehag CG, Kiess W. Associations of prenatal exposure to phthalates and one phthalate substitute with anthropometric measures in early life: Results from the German LIFE Child cohort study. **Best Pract Res Clin Endocrinol Metab** 35:101532 (2021) IF: 6.1; cites 13
61. Pimentel DV, Suttikus A, Vogel M, Lacher M, Jurkutat A, Poulain T, Ceglarek U, Kratzsch J, Kiess W, Körner A, Mayer S. Effect of physical activity and BMI SDS on bone metabolism in children and adolescents. **Bone** 153:116131 (2021) IF: 3.5; cites 8
62. Spielau U, Vogel M, Körner A, Kiess W, Poulain T. Composition and Culture of Eating (CoCu) pregnancy: a new short questionnaire to evaluate diet composition and culture of eating during pregnancy. **Public Health Nutr** 24:6227-35 (2021) IF: 3; cites 3
63. Poulain T, Meigen C, Sobek C, Ober P, Igel U, Körner A, Kiess W, Vogel M. Loss of childcare and classroom teaching during the Covid-19-related lockdown in spring 2020: A longitudinal study on consequences on leisure behavior and schoolwork at home. **PLoS One** 16:e0247949 (2021) IF: 2.9; cites 39
64. Möller S, Poulain T, Körner A, Meigen C, Jurkutat A, Vogel M, Wessela S, Hiemisch A, Grafe N, Kiess W. Motor skills in relation to body-mass index, physical activity, TVwatching, and socioeconomic status in German four-to-17-year-old children. **PLoS One** 16:e0251738 (2021) IF: 2.9; cites 7
65. Poulain T, Spielau U, Vogel M, Dathan-Stumpf A, Körner A, Kiess W. Changes in diet from pregnancy to one year after birth: a longitudinal study. **BMC Pregnancy Childbirth** 21:600 (2021) IF: 2.8; cites 6

Publication List *Antje Körner (née Böttner)*

66. Vogel M, Beger C, Gausche R, Jurkutat A, Pfaeffle R, Körner A, Meigen C, Poulain T, Kiess W. COVID-19 pandemic and families' utilization of well-child clinics and pediatric practices attendance in Germany. **BMC Res Notes** 14:140 (2021) IF: 1.6; cites 16
67. Vogel M, Meigen C, Sobek C, Ober P, Igel U, Körner A, Kiess W, Poulain T. Well-being and COVID-19-related worries of German children and adolescents: A longitudinal study from pre-COVID to the end of lockdown in Spring 2020. **JCPP Adv** 1:e12004 (2021) IF: 2.7; cites 38

2020

68. Landgraf K, Klötting N, Gericke M, Maixner N, Guiu-Jurado E, Scholz M, Witte AV, Beyer F, Schwartze JT, Lacher M, Villringer A, Kovacs P, Rudich A, Blüher M, Kiess W, Körner A. The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPAR γ . **Cell Rep** 33:108295 (2020) IF: 7.5; cites 33
69. Voigtmann F, Wolf P, Landgraf K, Stein R, Kratzsch J, Schmitz S, Jamra RA, Blüher M, Meiler J, Beck-Sickinger AG, Kiess W, Körner A. Identification of a novel leptin receptor (LEPR) variant and proof of functional relevance directing treatment decisions in patients with morbid obesity. **Metabolism**:154438 (2020) IF: 10.9; cites 19
70. Kalkhof S, Krieg L, Büttner P, Wabitsch M, Küntzel C, Friebe D, Landgraf K, Hanschkow M, Schubert K, Kiess W, Krohn K, Blüher M, von Bergen M, Körner A. In depth quantitative proteomic and transcriptomic characterization of human adipocyte differentiation using the SGBS cell line. **Proteomics**:e1900405 (2020) IF: 3.4; cites 13
71. Bohn C, Vogel M, Poulain T, Spielau U, Hilbert C, Kiess W, Körner A. Birth weight increases with birth order despite decreasing maternal pregnancy weight gain. **Acta Paediatr** (2020) IF: 2.4; cites 16
72. Shamsi F, Xue R, Huang TL, Lundh M, Liu Y, Leiria LO, Lynes MD, Kempf E, Wang CH, Sugimoto S, Nigro P, Landgraf K, Schulz T, Li Y, Emanuelli B, Kothakota S, Williams LT, Jessen N, Pedersen SB, Böttcher Y, Blüher M, Körner A, Goodyear LJ, Mohammadi M, Kahn CR, Tseng YH. FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. **Nat Commun** 11:1421 (2020) IF: 14.7; cites 72
73. Tsaban G, Yaskolka Meir A, Rinott E, Zelicha H, Kaplan A, Shalev A, Katz A, Rudich A, Tirosh A, Shelef I, Youngster I, Lebovitz S, Israeli N, Shabat M, Brikner D, Pupkin E, Stumvoll M, Thiery J, Ceglarek U, Heiker JT, Körner A, Landgraf K, von Bergen M, Blüher M, Stampfer MJ, Shai I. The effect of green Mediterranean diet on cardiometabolic risk; a randomised controlled trial. **Heart** (2020) IF: 5.1; cites 40
74. Voegelzang S, [5authors], Scholz M, [54authors], Kiess W, [authors], Landgraf K, [authors], Körner A, [8authors], Felix JF. Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. **PLoS Genet** 16:e1008718 (2020) IF: 4.0; cites 104
75. Suchý T, Zieschang C, Popkova Y, Kaczmarek I, Weiner J, Liebing AD, Çakir MV, Landgraf K, Gericke M, Pospisilik JA, Körner A, Heiker JT, Dannenberger D, Schiller J, Schöneberg T, Liebscher I, Thor D. The repertoire of Adhesion G protein-coupled receptors in adipocytes and their functional relevance. **Int J Obes (Lond)** (2020) IF: 4.2; cites 30

Publication List *Antje Körner (née Böttner)*

76. Hirschel J, Vogel M, Baber R, Garten A, Beuchel C, Dietz Y, Dittrich J, Körner A, Kiess W, Ceglarek U. Relation of Whole Blood Amino Acid and Acylcarnitine Metabolome to Age, Sex, BMI, Puberty, and Metabolic Markers in Children and Adolescents. **Metabolites** 10 (2020) IF: 3.5; cites 23
77. Kässner F, Kirstein A, Händel N, Schmid GL, Landgraf K, Berthold A, Tannert A, Schaefer M, Wabitsch M, Kiess W, Körner A, Garten A. A new human adipocyte model with PTEN haploinsufficiency. **Adipocyte** 9:290-301 (2020) IF: 3.5; cites 6
78. Krieg L, Schaffert A, Kern M, Landgraf K, Wabitsch M, Beck-Sickinger AG, Körner A, Blüher M, von Bergen M, Schubert K. An MRM-Based Multiplexed Quantification Assay for Human Adipokines and Apolipoproteins. **Molecules** 25 (2020) IF: 4.2; cites 9
79. Geserick M, Vogel M, Eckelt F, Schlingmann M, Hiemisch A, Baber R, Thiery J, Körner A, Kiess W, Kratzsch J. Children and adolescents with obesity have reduced serum bone turnover markers and 25-hydroxyvitamin D but increased parathyroid hormone concentrations - Results derived from new pediatric reference ranges. **Bone** 132:115124 (2020) IF: 3.5; cites 41
80. Rauch A, Körner A, Kiess W, Hirsch C, Schierz O. Relationship between Age-Dependent Body Constitution and Temporomandibular Joint Sounds in Adolescents. **J Clin Med** 9 (2021) IF: 3.0; cites 5
81. Koutny F, Weghuber D, Bollow E, Greber-Platzer S, Hartmann K, Körner A, Reinehr T, Roehl M, Simic-Schleicher G, Wabitsch M, Widhalm K, Wiegand S, Holl RW. Prevalence of prediabetes and type 2 diabetes in children with obesity and increased transaminases in European German-speaking countries. Analysis of the APV initiative. **Pediatr Obes** 15:e12601 (2020) IF: 2.7; cites 33
82. Rauch A, Schierz O, Körner A, Kiess W, Hirsch C. Prevalence of anamnestic symptoms and clinical signs of temporomandibular disorders in adolescents-Results of the epidemiologic LIFE Child Study. **J Oral Rehabil** 47:425-31 (2020) IF: 3.1; cites 25
83. Prenzel F, Vogel M, Siekmeyer W, Körner A, Kiess W, Vom Hove M. Exercise capacity in children with bronchopulmonary dysplasia at school age. **Respir Med** 171:106102 (2022) IF: 3.5; cites 6
84. Poulain T, Sobek C, Ludwig J, Igel U, Grande G, Ott V, Kiess W, Körner A, Vogel M. Associations of Green Spaces and Streets in the Living Environment with Outdoor Activity, Media Use, Overweight/Obesity and Emotional Wellbeing in Children and Adolescents. **Int J Environ Res Public Health** 17 (2020) IF: 4.61; cites 20
85. Michel L, Shevlyakova M, E NC, Eckhardt E, Holvoet S, Nutten S, Sprenger N, Körner A, Vogel M, Nembrini C, Kiess W, Blanchard C. Novel approach to visualize the interdependencies between maternal sensitization, breast milk immune components and human milk oligosaccharides in the LIFE Child cohort. **PLoS One** 15:e0230472 (2020) IF: 2.9; cites 4
86. Oelkers L, Vogel M, Kalenda A, Surup HC, Körner A, Kratzsch J, Kiess W. Socioeconomic Status Is Related to Pubertal Development in a German Cohort. **Horm Res Paediatr** 93:548-57 (2020) IF: 2.6; cites 15

Publication List *Antje Körner (née Böttner)*

87. Sonntag J, Vogel M, Geserick M, Eckelt F, Körner A, Raue F, Kiess W, Kratzsch J. Age Related Association of Calcitonin with Parameters of Anthropometry, Bone and Calcium Metabolism during Childhood. **Horm Res Paediatr**:1-10 (2020) IF: 2.6; cites 4
88. Elger W, Illge C, Kiess W, Körner A, Kratzsch J, Schrock A, Hirsch C. Relationship between deciduous molar hypomineralisation and parameters of bone metabolism in preschool children. **Int Dent J** (2020) IF: 3.2; cites 6

2019

89. Körner A, Kiess W, Vogel M. Persistence of obesity from early childhood onward. **N Engl J Med** 380:194-5 (2019) IF: 96.3; cites 7
90. Stanik J, Kratzsch J, Landgraf K, Vogel M, Thiery J, Kiess W, Körner A. The Bone Markers Sclerostin, Osteoprotegerin, and Bone-Specific Alkaline Phosphatase Are Related to Insulin Resistance in Children and Adolescents, Independent of Their Association with Growth and Obesity. **Horm Res Paediatr** 91:1-8 (2019) IF: 2.6; cites 26
91. Warrington NM, Beaumont RN, [120authors], Kovacs P, [8authors], Tönjes A, Stumvoll M, [4authors], Kiess W, Körner A, [4authors], Zeggini E, [63authors], Freathy RM. Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. **Nat Genet** 51:804-14 (2019) IF: 31.8; cites 344
92. Wuttke M, Li Y, [authors], Kiess W, Kleber ME, Koenig W, Kooner JS, Körner A, Kovacs P, [authors], Scholz M, Teumer A, Kottgen A, Pattaro C. A catalog of genetic loci associated with kidney function from analyses of a million individuals. **Nat Genet** 51:957-72 (2019) IF: 31.8; cites 500
93. Tin A, Marten J, [95authors], Kiess W, Kleber ME, Koenig W, Kooner JS, Körner A, Kovacs P, [121authors], Kottgen A. Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. **Nat Genet** 51:1459-74 (2019) IF: 31.8; cites 239
94. Teumer A, [82authors], Kiess W, Koenig W, Körner A, Kovacs P, [98authors], Kottgen A. Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. **Nat Commun** 10:4130 (2019) IF: 14.7; cites 143
95. Yu H, Dilbaz S, Cossmann J, Hoang AC, Diedrich V, Herwig A, Harauma A, Hoshi Y, Moriguchi T, Landgraf K, Körner A, Lucas C, Brodesser S, Balogh L, Thuroczy J, Karemore G, Kuefner MS, Park EA, Rapp C, Travers JB, Röszer T. Breast milk alkylglycerols sustain beige adipocytes through adipose tissue macrophages. **J Clin Invest** 129:2485-99 (2019) IF: 13.3; cites 87
96. Kirstein AS, Augustin A, Penke M, Cea M, Körner A, Kiess W, Garten A. The Novel Phosphatidylinositol-3-Kinase (PI3K) Inhibitor Alpelisib Effectively Inhibits Growth of PTEN-Haploinsufficient Lipoma Cells. **Cancers (Basel)** 11 (2019) IF: 4.5; cites 17
97. Poulain T, Spielau U, Vogel M, Körner A, Kiess W. CoCu: A new short questionnaire to evaluate diet composition and culture of eating in children and adolescents. **Clin Nutr** 38:2858-65 (2019) IF: 6.6; cites 13
98. Bae YJ, Zeidler R, Baber R, Vogel M, Wirkner K, Loeffler M, Ceglarek U, Kiess W, Körner A, Thiery J, Kratzsch J. Reference intervals of nine steroid hormones over the life-span

- analyzed by LC-MS/MS: Effect of age, gender, puberty, and oral contraceptives. **J Steroid Biochem Mol Biol** 193:105409 (2019) IF: 2.7; cites 77
99. Poulain T, Vogel M, Ludwig J, Grafe N, Körner A, Kiess W. Reciprocal longitudinal associations between adolescents' media consumption and psychological health. **Acad Pediatr** 19:109-17 (2019) IF: 3.0; cites 27
100. Rönnecke E, Vogel M, Bussler S, Grafe N, Jurkutat A, Schlingmann M, Körner A, Kiess W. Age- and Sex-Related Percentiles of Skinfold Thickness, Waist and Hip Circumference, Waist-to-Hip Ratio and Waist-to-Height Ratio: Results from a Population Based Pediatric Cohort in Germany (LIFE Child). **Obes Facts** 12:25-39 (2019) IF: 3.9; cites 23
101. Buzek T, Poulain T, Vogel M, Engel C, Bussler S, Körner A, Hiemisch A, Kiess W. Relations between sleep duration with overweight and academic stress-just a matter of the socioeconomic status? **Sleep Health** 5:208-15 (2019) IF: 3.4; cites 21
102. Graf C, Schierz O, Steinke H, Körner A, Kiess W, Kratzsch J, Hirsch C. Sex hormones in association with general joint laxity and hypermobility in the temporomandibular joint in adolescents-results of the epidemiologic LIFE child study. **J Oral Rehabil** 46:1023-30 (2019) IF: 3.1; cites 17
103. Poulain T, Vogel M, Sobek C, Hilbert A, Körner A, Kiess W. Associations Between Socio Economic Status and Child Health: Findings of a Large German Cohort Study. **Int J Environ Res Public Health** 16 (2019) IF: 4.61; cites 88
104. Binder G, Heidenreich L, Schnabel D, Dunstheimer D, Oeverink R, Kiess W, Körner A, Kratzsch J. Biological Significance of Anti-GH Antibodies in Children Treated with rhGH. **Horm Res Paediatr** 91:17-24 (2019) IF: 2.6; cites 6
105. Wagner M, Kratzsch J, Vogel M, Peschel T, Gaudl A, Ceglarek U, Thiery J, Hiemisch A, Körner A, Kiess W. Hair Cortisol Concentration in Healthy Children and Adolescents Is Related to Puberty, Age, Gender, and Body Mass Index. **Horm Res Paediatr**:1-8 (2019) IF: 2.6; cites 18
106. Gramss M, Lipek T, Vogel M, Remmler J, Hiemisch A, Jurkutat A, Genuneit J, Körner A, Kiess W. Overweight Proxies Are Associated with Atopic Asthma: A Matched CaseControl Study. **Horm Res Paediatr** 91:380-90 (2019) IF: 2.6; cites 4
107. Elger W, Kiess W, Körner A, Schröck A, Vogel M, Hirsch C. Influence of overweight/obesity, socioeconomic status, and oral hygiene on caries in primary dentition. **J Investig Clin Dent**:e12394 (2019) IF: 1.44; cites 14
108. Paech C, Moser J, Dähnert I, Wagner F, Gebauer RA, Kirsten T, Vogel M, Kiess W, Körner A, Wolfarth B, Wüstenfeld J. Different habitus but similar electrocardiogram: Cardiac repolarization parameters in children - Comparison of elite athletes to obese children. **Ann Pediatr Cardiol** 12:201-5 (2019) IF: 0,9; cites 2
- 2018
109. Geserick M, Vogel M, Gausche R, Lipek T, Spielau U, Keller E, Pfäffle R, Kiess W, Körner A. Acceleration of BMI in early childhood and risk of sustained obesity. **N Engl J Med** 379:1303-12 (2018) IF: 96.3; cites 501

110. Kalenda A, Landgraf K, Löffler D, Kovacs P, Kiess W, Körner A. The BDNF Val66Met polymorphism is associated with lower BMI, lower postprandial glucose levels and elevated carbohydrate intake in children and adolescents. **Pediatr Obes** 159-67 (2018)
IF: 2.7; cites 14
111. Paech C, Anhalt M, Gebauer RA, Wagner F, Vogel M, Kirsten T, Weidenbach M, Kiess W, Dähnert I, Körner A. New normal limits for pediatric ECG in childhood obesity? Influence of childhood obesity on the ECG. **Progr Pediatr Cardiol** 48:119-23 (2018) IF: 1.3; cites 4
112. Bussler S, Vogel M, Pietzner D, Harms K, Buzek T, Penke M, Händel N, Körner A, Baumann U, Kiess W, Flemming G. New pediatric percentiles of liver enzyme serum levels: Effects of age, sex, body mass index, and pubertal stage. **Hepatology** 68:1319-30 (2018) IF: 13; cites 87
113. Erbs S, Broniecki H, Scheuermann K, Winzer E, Adam J, Spielau U, Woitek F, Sandri M, Zimmer M, Besler C, Kiess W, Linke A, Körner A, Mangner N. Impact of Weight Reduction During Adolescence on Parameters of Cardiac Geometry and Function in Obese Children. **JACC Cardiovasc Imaging** (2018) IF: 12.8; cites 3
114. Junge KM, Leppert B, Jahreis S, Wissenbach DK, Feltens R, Grutzmann K, Thurmann L, Bauer T, Ishaque N, Schick M, Bewerunge-Hudler M, Roder S, Bauer M, Schulz A, Borte M, Landgraf K, Körner A, Kiess W, von Bergen M, Stangl GI, Trump S, Eils R, Polte T, Lehmann I. MEST mediates the impact of prenatal bisphenol A exposure on long-term body weight development. **Clin Epigenetics** 10:58 (2018) IF: 4.8; cites 75
115. Käßner F, Sauer T, Penke M, Richter S, Landgraf K, Körner A, Kiess W, Händel N, Garten A. Simvastatin induces apoptosis in PTENhaploinsufficient lipoma cells. **Int J Mol Med** 41 (2018) IF: 5.7; cites 11
116. Loeffler-Wirth H, Vogel M, Kirsten T, Glock F, Poulain T, Körner A, Loeffler M, Kiess W, Binder H. Longitudinal anthropometry of children and adolescents using 3D-body scanning. **PLoS One** 13:e0203628 (2018) IF: 2.9; cites 9
117. Händel N, Mothes T, Petroff D, Baber R, Jurkutat A, Flemming G, Kiess W, Hiemisch A, Körner A, Schlumberger W, Thiery J, Wolf J. Will the Real Coeliac Disease Please Stand Up? Coeliac Disease Prevalence in the German LIFE Child Study. **J Pediatr Gastroenterol Nutr** (2018) IF: 2.4; cites 13
118. Poulain T, Vogel M, Neef M, Abicht F, Hilbert A, Genuneit J, Körner A, Kiess W. Reciprocal Associations between Electronic Media Use and Behavioral Difficulties in Preschoolers. **Int J Environ Res Public Health** 15 (2018) IF: 4.61; cites 59
119. Rocha EPAA, Vogel M, Stanik J, Pietzner D, Willenberg A, Körner A, Kiess W. Serum Uric Acid Levels as an Indicator for Metabolically Unhealthy Obesity in Children and Adolescents. **Horm Res Paediatr** 31:1-9 (2018) IF: 2.6; cites 34
120. Nurten E, Vogel M, Kapellen TM, Richter S, Garten A, Penke M, Schuster S, Körner A, Kiess W, Kratzsch J. Omentin-1 and NAMPT serum concentrations are higher and CK18 levels are lower in children and adolescents with type 1 diabetes when compared to healthy age, sex and BMI matched controls. **J Pediatr Endocrinol Metab** 31:959-69 (2018) IF: 1.3; cites 13

2017

121. Löffler D, Behrendt S, Creemers JW, Klammt J, Aust G, Stanik J, Kiess W, Kovacs P, Körner A. Functional and clinical relevance of novel and known PCSK1 variants for childhood obesity and glucose metabolism. **Mol Metab** 6:295-305 (2017) IF: 7.0; cites 26
122. Schwartze JT, Landgraf K, Spielau U, Rockstroh D, Löffler D, Kratzsch J, Kiess W, Körner A. Adipocyte C1QTNF5 expression is BMI-dependently related to early adipose tissue dysfunction and systemic CTRP5 serum levels in obese children. **Int J Obes (Lond)** 41:955-63 (2017) IF: 4.2; cites 10
123. Löffler D, Landgraf K, Rockstroh D, Schwartze JT, Dunzendorfer H, Kiess W, Körner A. METRNL decreases during adipogenesis and inhibits adipocyte differentiation leading to adipocyte hypertrophy in humans. **Int J Obes (Lond)** 41:112-9 (2017) IF: 4.2; cites 44
124. Landgraf K, Schuster S, Meusel A, Garten A, Riemer T, Schleinitz D, Kiess W, Körner A. Short-term overfeeding of zebrafish with normal or high-fat diet as a model for the development of metabolically healthy versus unhealthy obesity. **BMC Physiol** 17:4 (2017) IF: 2.87; cites 88
125. Gesing J, Scheuermann K, Wagner IV, Löffler D, Friebe D, Kiess W, Schuster V, Körner A. NAMPT serum levels are selectively elevated in acute infectious disease and in acute relapse of chronic inflammatory diseases in children. **PLoS One** 12:e0183027 (2017) IF: 2.9; cites 17
126. Stanik J, Kratzsch J, Landgraf K, Scheuermann K, Spielau U, Gausche R, Gasperikova D, Kiess W, Körner A. Concordance of bioactive vs. total immunoreactive serum leptin levels in children with severe early onset obesity. **PLoS One** 12:e0178107 (2017) IF: 2.9; cites 5
127. Junge J, Engel C, Vogel M, Naumann S, Löffler M, Thiery J, Kratzsch J, Kiess W, Körner A. Neck circumference is similarly predicting for impairment of glucose tolerance as classic anthropometric parameters among healthy and obese children and adolescents. **J Pediatr Endocrinol Metab** 30:643-50 (2017) IF: 1.3; cites 7
128. Windholz J, Kovacs P, Schlicke M, Franke C, Mahajan A, Morris AP, Lemke JR, Klammt J, Kiess W, Schöneberg T, Pfäffle R, Körner A. Copy number variations in "classical" obesity candidate genes are not frequently associated with severe early-onset obesity in children. **J Pediatr Endocrinol Metab** 30:507-15 (2017) IF: 1.3; cites 1
129. Paech C, Liebold A, Gebauer RA, Wagner F, Vogel M, Kirsten T, Schauff M, Hiemisch A, Dähnert I, Kiess W, Körner A. Relative QT interval prolongation and electrical inhomogeneity of cardiac repolarization in childhood obesity. **Progr Pediatr Cardiol** 47:64-7 (2017) IF: 0.63; cites 4
130. Wheeler E, Leong A, [62authors], Böttcher Y, [18authors], Kiess W, Kohara K, Kovacs P, [39authors], Tönjes A, [13authors], Stumvoll M, Watkins H, Aung T, Blüher M, [25authors], Körner A, [45authors], Barroso I, Meigs JB. Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. **PLoS Med** 14:e1002383 (2017) IF: 10.5; cites 308

Publication List *Antje Körner (née Böttner)*

131. Poulain T, Baber R, Vogel M, Pietzner D, Kirsten T, Jurkutat A, Hiemisch A, Hilbert A, Kratzsch J, Thiery J, Fuchs M, Hirsch C, Rauscher FG, Loeffler M, Körner A, Nüchter M, Kiess W. The LIFE Child study: a population-based perinatal and pediatric cohort in Germany. **Eur J Epidemiol** 32:145-58 (2017) IF: 7.7; cites 150
132. Raulien N, Friedrich K, Strobel S, Rübner S, Baumann S, von Bergen M, Körner A, Krueger M, Rossol M, Wagner U. Fatty Acid Oxidation Compensates for Lipopolysaccharide-Induced Warburg Effect in Glucose-Deprived Monocytes. **Front Immunol** 8:609 (2017) IF: 5.7; cites 56
133. Hendricks AE, Bochukova EG, Marenne G, Keogh JM, Atanassova N, Bounds R, Wheeler E, Mistry V, Henning E, Körner A, Muddyman D, McCarthy S, Hinney A, Hebebrand J, Scott RA, Langenberg C, Wareham NJ, Surendran P, Howson JM, Butterworth AS, Danesh J, Nordestgaard BG, Nielsen SF, Afzal S, Papadia S, Ashford S, Garg S, Millhauser GL, Palomino RI, Kwasniewska A, Tachmazidou I, O'Rahilly S, Zeggini E, Barroso I, Farooqi IS. Rare Variant Analysis of Human and Rodent Obesity Genes in Individuals with Severe Childhood Obesity. **Sci Rep** 7:4394 (2017) IF: 3.8; cites 50
134. Glock F, Vogel M, Naumann S, Kühnapfel A, Scholz M, Hiemisch A, Kirsten T, Rieger K, Körner A, Löffler M, Kiess W. Validity and intraobserver reliability of three-dimensional scanning compared with conventional anthropometry for children and adolescents from a population-based cohort study. **Pediatr Res** 81:736-44 (2017) IF: 3.1; cites 18
135. Loeffler-Wirth H, Vogel M, Kirsten T, Glock F, Poulain T, Körner A, Löffler M, Kiess W, Binder H. Body typing of children and adolescents using 3D-body scanning. **PLoS One** 12:e0186881 (2017) IF: 2.9; cites 9
136. Kess A, Spielau U, Beger C, Gausche R, Vogel M, Lipek T, Körner A, Pfäffle R, Kiess W. Further stabilization and even decrease in the prevalence rates of overweight and obesity in German children and adolescents from 2005 to 2015: a cross-sectional and trend analysis. **Public Health Nutr** 20:3075-83 (2017) IF: 3.0; cites 32
137. Bussler S, Penke M, Flemming G, Elhassan YS, Kratzsch J, Sergejev E, Lipek T, Vogel M, Spielau U, Körner A, de Giorgis T, Kiess W. Novel Insights in the Metabolic Syndrome in Childhood and Adolescence. **Horm Res Paediatr** 88:181-93 (2017) IF: 2.6; cites 86
138. Daxer J, Hertrich T, Zhao YY, Vogel M, Hiemisch A, Scheuermann K, Körner A, Kratzsch J, Kiess W, Quante M. Nocturnal levels of chemerin and progranulin in adolescents: influence of sex, body mass index, glucose metabolism and sleep. **J Pediatr Endocrinol Metab** 30:57-61 (2017) IF: 1.3; cites 24
139. Schreier M, Schwartze JT, Landgraf K, Scheuermann K, Erbs S, Herberth G, Pospisilik JA, Kratzsch J, Kiess W, Körner A. Osteopontin is BMI-independently Related to Early Endothelial Dysfunction in Children. **J Clin Endocrinol Metab** 101:4161-9 (2016) IF: 5.0; cites 8

2016-1998

140. Löffler D, Landgraf K, Körner A, Kratzsch J, Kirkby KC, Himmerich H. Modulation of triglyceride accumulation in adipocytes by psychopharmacological agents in vitro. **J Psychiatr Res** 72:37-42 (2016) IF: 3.7; cites 13

Publication List *Antje Körner (née Böttner)*

141. Eehalt S*, Wiegand S*, Körner A*, Schweizer R, Liesenkotter KP, Partsch CJ, Blumenstock G, Spielau U, Denzer C, Ranke MB, Neu A, Binder G, Wabitsch M, Kiess W, Reinehr T. Low association between fasting and OGTT stimulated glucose levels with HbA1c in overweight children and adolescents. **Pediatr Diabetes** 18:734-41 (2016) IF: 3.9
cites 8
142. Rockstroh D, Löffler D, Kiess W, Landgraf K, Körner A. Regulation of human adipogenesis by miR125b-5p. **Adipocyte** 5:283-97 (2016) IF: 3.5; cites 25
143. Landgraf K, Strobach A, Kiess W, Körner A. Loss of mtch2 function impairs early development of liver, intestine and visceral adipocytes in zebrafish larvae. **FEBS Lett** 590:2852-61 (2016) IF: 3.0; cites 11
144. Landgraf K, Scholz M, Kovacs P, Kiess W, Körner A. FTO Obesity Risk Variants Are Linked to Adipocyte IRX3 Expression and BMI of Children - Relevance of FTO Variants to Defend Body Weight in Lean Children? **PLoS One** 11:e0161739 (2016) IF: 2.9; cites 25
145. Eehalt S, Wiegand S, Körner A, Schweizer R, Liesenkotter KP, Partsch CJ, Blumenstock G, Spielau U, Denzer C, Ranke MB, Neu A, Binder G, Wabitsch M, Kiess W, Reinehr T. Diabetes screening in overweight and obese children and adolescents: choosing the right test. **Eur J Pediatr** 176:89-97 (2016) IF: 3.0; cites 20
146. Horikoshi M, [55authors], P K, [38authors], A T, M S, [3authors], W K, A K, [59authors], M M, Freathy RM. Genome-wide associations for birth weight and correlations with adult disease. **Nature** 538:248-52 (2016) IF: 50.5; cites 340
147. Dalgaard K, Landgraf K, Heyne S, Lempradl A, Longinotto J, Gossens K, Ruf M, Orthofer M, Strogantsev R, Selvaraj M, Lu TT, Casas E, Teperino R, Surani MA, Zvetkova I, Rimmington D, Tung YC, Lam B, Larder R, Yeo GS, O'Rahilly S, Vavouri T, Whitelaw E, Penninger JM, Jenuwein T, Cheung CL, Ferguson-Smith AC, Coll AP, Körner A, Pospisilik JA. Trim28 Haploinsufficiency Triggers Bi-stable Epigenetic Obesity. **Cell** 164:353-64 (2016) IF: 45.6; cites 137
148. Felix JF, Bradfield JP, Monnereau C, van der Valk RJ, [47authors], Kiess W, [14authors], Pfäffle R, [33authors], Körner A, [9authors], Grant SF, Jaddoe VW, Early Growth Genetics C, Bone Mineral Density in Childhood Study BC. Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. **Hum Mol Genet** 25:389-403 (2016) IF: 3.1; cites 230
149. Guiu-Jurado E, Unthan M, Bohler N, Kern M, Landgraf K, Dietrich A, Schleinitz D, Ruschke K, Klötting N, Fasshauer M, Tönjes A, Stumvoll M, Körner A, Kovacs P, Blüher M. Bone morphogenetic protein 2 (BMP2) may contribute to partition of energy storage into visceral and subcutaneous fat depots. **Obesity (Silver Spring)** 24:2092-100 (2016)
IF: 4.2; cites 47
150. Wagner IV, Flehmig G, Scheuermann K, Löffler D, Körner A, Kiess W, Stumvoll M, Dietrich A, Blüher M, Klötting N, Söder O, Svechnikov K. Insulin-Like Peptide 5 Interacts with Sex Hormones and Metabolic Parameters in a Gender and Adiposity Dependent Manner in Humans. **Horm Metab Res** 48:589-94 (2016) IF: 2; cites 9
151. Leipert J, Kässner F, Schuster S, Händel N, Körner A, Kiess W, Garten A. Resveratrol Potentiates Growth Inhibitory Effects of Rapamycin in PTEN-deficient Lipoma Cells by Suppressing p70S6 Kinase Activity. **Nutr Cancer** 68:342-9 (2016) IF: 2; cites 7

152. Landgraf K, Rockstroh D, Wagner IV, Weise S, Tauscher R, Schwartze JT, Löffler D, Bühligen U, Wojan M, Till H, Kratzsch J, Kiess W, Blüher M, Körner A. Evidence of early alterations in adipose tissue biology and function and its association with obesity-related inflammation and insulin resistance in children. **Diabetes** 64:1249-61 (2015) IF: 6.2; cites 136
153. Löffler D, Müller U, Scheuermann K, Friebe D, Gesing J, Bielitz J, Erbs S, Landgraf K, Wagner IV, Kiess W, Körner A. Serum irisin levels are regulated by acute strenuous exercise. **J Clin Endocrinol Metab** 100:1289-99 (2015) IF: 5; cites 155
154. Schunter JA, Löffler D, Wiesner T, Kovacs P, Badenhop K, Aust G, Tönjes A, Müller P, Baber R, Simon JC, Führer D, Pfäffle RW, Thiery J, Stumvoll M, Kiess W, Kratzsch J, Körner A. A novel FoxD3 Variant Is Associated With Vitiligo and Elevated Thyroid AutoAntibodies. **J Clin Endocrinol Metab** 100:E1335-42 (2015) IF: 5; cites 14
155. Rockstroh D, Landgraf K, Wagner IV, Gesing J, Tauscher R, Lakowa N, Kiess W, Bühligen U, Wojan M, Till H, Blüher M, Körner A. Direct evidence of brown adipocytes in different fat depots in children. **PLoS One** 10:e0117841 (2015) IF: 2.9; cites 53
156. Breitling C, Gross A, Büttner P, Weise S, Schleinitz D, Kiess W, Scholz M, Kovacs P, Körner A. Genetic Contribution of Variants near SORT1 and APOE on LDL Cholesterol Independent of Obesity in Children. **PLoS One** 10:e0138064 (2015) IF: 2.9; cites 19
157. Qi Q, Downer MK, [8authors], Körner A, [24authors], Zeggini E, Dedoussis GV, Kaplan RC, Wylie-Rosett J, Loos RJ, Hu FB, Qi L. Dietary Intake, FTO Genetic Variants, and Adiposity: A Combined Analysis of Over 16,000 Children and Adolescents. **Diabetes** 64:2467-76 (2015) IF: 6.2; cites 75
158. van der Valk RJ, Kreiner-Moller E, [8authors], Körner A, [43authors], Kiess W, Mahajan A, [44authors], Sergeyev E, [15authors], Jaddoe VW, Early Growth Genetics C. A novel common variant in DCST2 is associated with length in early life and height in adulthood. **Hum Mol Genet** 24:1155-68 (2015) IF: 3.1; cites 81
159. Wilhelm F, Käßner F, Schmid G, Kratzsch J, Laner A, Wabitsch M, Körner A, Kiess W, Garten A. Phosphatidylinositol 3-kinase (PI3K) signalling regulates insulin-like-growth factor binding protein-2 (IGFBP-2) production in human adipocytes. **Growth Horm IGF Res** 25:115-20 (2015) IF: 1.6; cites 9
160. Quante M, Bruckmann S, Wallborn T, Wolf N, Sergeyev E, Adler M, Hesse M, Geserick M, Naumann S, Koch C, Nivarthi H, Engel C, Körner A, Kiess W, Hiemisch A. Managing incidental findings and disclosure of results in a paediatric research cohort - the LIFE Child Study cohort. **J Pediatr Endocrinol Metab** 28:75-82 (2015) IF: 1.3; cites 4
161. Kiess W, Penke M, Pfäffle R, Körner A, Kratzsch J. Growth hormone and growth hormone deficiency-still a lot to learn. **J Pediatr Endocrinol Metab** 28(9-10):971-3 (2015) IF: 1.3; cites 3
162. Mangner N, Scheuermann K, Winzer E, Wagner I, Hoellriegel R, Sandri M, Zimmer M, Mende M, Linke A, Kiess W, Schuler G, Körner A, Erbs S. Childhood obesity: impact on cardiac geometry and function. **JACC Cardiovasc Imaging** 7:1198-205 (2014) IF: 12.8; cites 87
163. Bidlingmaier M, Friedrich N, Emeny RT, Spranger J, Wolthers OD, Roswall J, Körner A,

- Obermayer-Pietsch B, Hubener C, Dahlgren J, Frystyk J, Pfeiffer AF, Doering A, Bielohuby M, Wallaschofski H, Arafat AM. Reference intervals for insulin-like growth factor-1 (igf-i) from birth to senescence: results from a multicenter study using a new automated chemiluminescence IGF-I immunoassay conforming to recent international recommendations. **J Clin Endocrinol Metab** 99:1712-21 (2014) IF: 5; cites 296
164. Cousminer DL, Stergiakouli E, Berry DJ, Ang W, Groen-Blokhuis MM, Körner A, [17authors], Neef M, Weise S, [9authors], Kiess W, [6authors], McCarthy MI, Widen E. Genome-wide association study of sexual maturation in males and females highlights a role for body mass and menarche loci in male puberty. **Hum Mol Genet** 23:4452-64 (2014) IF: 3.1; cites 78
165. Wagner IV, Paetzold C, Gausche R, Vogel M, Koerner A, Thiery J, Arsene CG, Henrion A, Guettler B, Keller E, Kiess W, Pfaeffle R, Kratzsch J. Clinical evidence-based cutoff limits for GH stimulation tests in children with a backup of results with reference to mass spectrometry. **Eur J Endocrinol** 171:389-97 (2014) IF: 5.3; cites 57
166. Schmid GL, Kässner F, Uhlig HH, Körner A, Kratzsch J, Händel N, Zepp FP, Kowalzik F, Laner A, Starke S, Wilhelm FK, Schuster S, Viehweger A, Hirsch W, Kiess W, Garten A. Sirolimus treatment of severe PTEN hamartoma tumor syndrome: case report and in vitro studies. **Pediatr Res** 75:527-34 (2014) IF: 3.1; cites 42
167. Taubner K, Schubert G, Pulzer F, Pfäffle R, Körner A, Dietz A, Thiery J, Kiess W, Kratzsch J. Serum concentrations of anti-thyroid peroxidase and anti-thyroglobulin antibodies in children and adolescents without apparent thyroid disorders. **Clin Biochem** 47:3-7 (2014) IF: 2.5; cites 30
168. Bernhard F, Landgraf K, Klötting N, Berthold A, Büttner P, Friebe D, Kiess W, Kovacs P, Blüher M, Körner A. Functional relevance of genes implicated by obesity genome-wide association study signals for human adipocyte biology. **Diabetologia** 56:311-22 (2013) IF: 8.4; cites 72
169. Körner A, Wiegand S, Hungele A, Tuschy S, Otto KP, l'Allemand-Jander D, Widhalm K, Kiess W, Holl RW, initiative APV, German Competence Net O. Longitudinal multicenter analysis on the course of glucose metabolism in obese children. **Int J Obes (Lond)** 37:931-6 (2013) IF: 4.2 cites 28
170. Horikoshi M, Yaghoobkar H, Mook-Kanamori DO, [70authors], Kiess W, [17authors], Tönjes A, [11authors], Stumvoll M, [14authors], Körner A, [28authors], Prokopenko I, Freathy RM. New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. **Nat Genet** 45:76-82 (2013) IF: 31.8; cites 248
171. Breitfeld J, Heiker JT, Böttcher Y, Schleinitz D, Tönjes A, Weidle K, Krause K, Kuettnner B, Scholz M, Kiess W, Sträter N, Beck-Sickinger AG, Stumvoll M, Körner A, Blüher M, Kovacs P. Analysis of a rare functional truncating mutation rs61757459 in vaspin (SERPINA12) on circulating vaspin levels. **J Mol Med (Berl)** 91:1285-92 (2013) IF: 5.6; cites 5
172. Spinnler R, Gorski T, Stolz K, Schuster S, Garten A, Beck-Sickinger AG, Engelse MA, de Koning EJ, Körner A, Kiess W, Maedler K. The adipocytokine Nampt and its product NMN have no effect on beta-cell survival but potentiate glucose stimulated insulin secretion. **PLoS One** 8:e54106 (2013) IF: 2.9; cites 43

173. Holstein JD, Patzer O, Körner A, Stumvoll M, Kovacs P, Holstein A. Genetic variants in GCKR, GIPR, ADCY5 and VPS13C and the risk of severe sulfonylurea-induced hypoglycaemia in patients with type 2 diabetes. **Exp Clin Endocrinol Diabetes** 121:54-7 (2013) IF: 1.6; cites 8
174. Landgraf K, Friebe D, Ullrich T, Kratzsch J, Dittrich K, Herberth G, Adams V, Kiess W, Erbs S, Körner A. Chemerin as a Mediator between Obesity and Vascular Inflammation in Children. **J Clin Endocrinol Metab** 97:E556-E64 (2012) IF: 5; cites 127
175. Melchior C, Schulz A, Windholz J, Kiess W, Schöneberg T, Körner A. Clinical and functional relevance of melanocortin-4 receptor variants in obese german children. **Horm Res Paediatr** 78:237-46 (2012) IF: 2.6; cites 20
176. Ichimura A, Hirasawa A, Poulain-Godefroy O, Bonnefond A, Hara T, Yengo L, Kimura I, Leloire A, Liu N, Iida K, Choquet H, Besnard P, Lecoq C, Vivequin S, Ayukawa K, Takeuchi M, Ozawa K, Tauber M, Maffei C, Morandi A, Buzzetti R, Elliott P, Pouta A, Jarvelin MR, Körner A, Kiess W, Pigeire M, Caiazzo R, Van Hul W, Van Gaal L, Horber F, Balkau B, Levy-Marchal C, Rouskas K, Kouvatsi A, Hebebrand J, Hinney A, Scherag A, Pattou F, Meyre D, Koshimizu TA, Wolowczuk I, Tsujimoto G, Froguel P. Dysfunction of lipid sensor GPR120 leads to obesity in both mouse and human. **Nature** 19;483:350-4 (2012) IF: 50.5; cites 528
177. Scott RA, Lagou V, Welch RP, Wheeler E, [98authors], Kiess W, [14authors], Kovacs P, [18authors], Stumvoll M, [29authors], Toenjes A, Peyser PA, Beilby JP, Körner A, [40authors], Ingelsson E, Prokopenko I, Barroso I. Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. **Nat Genet** 44:991-1005 (2012) IF: 31.8; cites 661
178. Quante M, Hesse M, Döhnert M, Fuchs M, Hirsch C, Sergejev E, Casprzig N, Geserick M, Naumann S, Koch C, Sabin MA, Hiemisch A, Körner A, Kiess W. The LIFE child study: a life course approach to disease and health. **BMC Public Health** 12:1021 (2012) IF: 3.5; cites 152
179. Raschpichler MC, Sorge I, Hirsch W, Mende M, Sergejev E, Kruber D, Körner A, Schick F. Evaluating childhood obesity: Magnetic-resonance-based quantification of abdominal adipose tissue and liver fat in children. **ROFO-Fortschr Rontg** 184:1-9 (2012) IF: 1.5; cites 7
180. Flemming GM, Petzold S, Meigen C, Körner A, Kiess W, Kratzsch J. Is circulating osteocalcin related to adipokines and overweight/obesity in children and adolescents? **Exp Clin Endocrinol Diabetes** 120:383-7 (2012) IF: 1.6; cites 9
181. Friebe D, Neef M, Kratzsch J, Erbs S, Dittrich K, Garten A, Petzold-Quinque S, Blüher S, Reinehr T, Stumvoll M, Blüher M, Kiess W, Körner A. Leucocytes are a major source of circulating nicotinamide phosphoribosyltransferase (NAMPT)/pre-B cell colony (PBEF)/visfatin linking obesity and inflammation in humans. **Diabetologia** 54:1200-11 (2011) IF: 8.4; cites 162
182. Körner A, Neef M, Friebe D, Erbs S, Kratzsch J, Dittrich K, Blüher S, Kapellen TM, Kovacs P, Stumvoll M, Blüher M, Kiess W. Vaspin is related to gender, puberty and deteriorating insulin sensitivity in children. **Int J Obes (Lond)** 35:578-86 (2011) IF: 4.2; cites

183. Friebe D, Löffler D, Schönberg M, Bernhard F, Büttner P, Landgraf K, Kiess W, Körner A. Impact of metabolic regulators on the expression of the obesity associated genes FTO and NAMPT in human preadipocytes and adipocytes. **PLoS One** 6:e19526 (2011) IF: 2.9; cites 21
184. Friebe D, Neef M, Erbs S, Dittrich K, Kratzsch J, Kovacs P, Blüher M, Kiess W, Körner A. Retinol binding protein 4 (RBP4) is primarily associated with adipose tissue mass in children. **Int J Pediatr Obes** 6:e345-e52 (2011) IF: 3.03; cites 47
185. Windholz J, Kovacs P, Tönjes A, Dittrich K, Blüher S, Kiess W, Stumvoll M, Körner A. Effects of genetic variants in ADCY5, GIPR, GCKR and VPS13C on early impairment of glucose and insulin metabolism in children. **PLoS One** 6:e22101 (2011) IF: 2.9; cites 20
186. Friebe D, Kovacs P, Neef M, Blüher S, Schleinitz D, Kiess W, Körner A. The promoter variant -803 G>A in the RBP4 gene is not associated with BMI, metabolic parameters or blood pressure in Caucasian children. **Exp Clin Endocrinol Diabetes** 119:628-32 (2012) IF: 1.6; cites 5
187. Martos-Moreno GA, Kratzsch J, Körner A, Barrios V, Hawkins F, Kiess W, Argente J. Serum visfatin and vaspin levels in prepubertal children: effect of obesity and weight loss after behavior modifications on their secretion and relationship with glucose metabolism. **Int J Obes (Lond)** 35:1355-62 (2011) IF: 4.2; cites 41
188. Müller A, Scholz M, Blankenstein O, Binder G, Pfäffle R, Körner A, Kiess W, Heider A, Bidlingmaier M, Thiery J, Kratzsch J. Harmonization of growth hormone measurements with different immunoassays by data adjustment. **Clin Chem Lab Med** 49:1135-42 (2013) IF: 3.8; cites 40
189. Schleinitz D, Klötting N, Böttcher Y, Wolf S, Dietrich K, Tönjes A, Breitfeld J, Enigk B, Halbritter J, Körner A, Schön MR, Jenkner J, Tseng YH, Lohmann T, Dressler M, Stumvoll M, Blüher M, Kovacs P. Genetic and evolutionary analyses of the human bone morphogenetic protein receptor 2 (BMP2) in the pathophysiology of obesity. **PLoS One** 6:e16155 (2011) IF: 2.9; cites 35
190. Wiegand S, Thamm M, Kiess W, Körner A, Reinehr T, Krude H, Hoffmeister U, Holl RW. Gamma-glutamyl transferase is strongly associated with degree of overweight and sex. **J Pediatr Gastroenterol Nutr** 52:635-8 (2011) IF: 2.4; cites 10
191. Brandhorst G, Streit F, Kratzsch J, Schietecatte J, Roth HJ, Luppä PB, Körner A, Kiess W, Binder L, Oellerich M, von Ahsen N. Multicenter evaluation of a new automated electrochemiluminescence immunoassay for the quantification of testosterone compared to liquid chromatography tandem mass spectrometry. **Clin Biochem** 44:264-7 (2011) IF: 2.5; cites 12
192. Holstein A, Hahn M, Körner A, Stumvoll M, Kovacs P. TCF7L2 and therapeutic response to sulfonylureas in patients with type 2 diabetes. **BMC Med Genet** 12:30.:30 (2011) IF: 2.02; cites 52
193. Schonhoff P, Körner A, Kratzsch J, Pfäffle R, Kiess W. Long term clinical management of girls with Turner syndrome at a center of pediatric endocrinology. **Exp Clin Endocrinol Diabetes** 119:327-33 (2011) IF: 1.6; cites 7
194. Ma L, Hanson RL, Traurig MT, Müller YL, Kaur BP, Perez JM, Meyre D, Fu M, Körner A,

Publication List *Antje Körner (née Böttner)*

- Franks PW, Kiess W, Kobes S, Knowler WC, Kovacs P, Froguel P, Shuldiner AR, Bogardus C, Baier LJ. Evaluation of A2BP1 as an obesity gene. **Diabetes** 59:2837-45 (2010) IF: 6.2; cites 33
195. Kruis T, Klammt J, Galli-Tsinopoulou A, Wallborn T, Schlicke M, Müller E, Kratzsch J, Körner A, Kiess W, Pfäffle R. Heterozygous mutation within a kinase-conserved motif of the insulin-like growth factor I receptor causes intrauterine and postnatal growth retardation. **J Clin Endocrinol Metab** 95:1137-42 (2010) IF: 5; cites 70
196. Scherag A, Dina C, Hinney A, Vatin V, Scherag S, Vogel CI, Müller TD, Grallert H, Wichmann HE, Balkau B, Heude B, Jarvelin MR, Hartikainen AL, Levy-Marchal C, Weill J, Delplanque J, Körner A, Kiess W, Kovacs P, Rayner NW, Prokopenko I, McCarthy MI, Schafer H, Jarick I, Boeing H, Fisher E, Reinehr T, Heinrich J, Rzehak P, Berdel D, Borte M, Biebermann H, Krude H, Roszkopf D, Rimbach C, Rief W, Fromme T, Klingenspor M, Schurmann A, Schulz N, Nothen MM, Muhleisen TW, Erbel R, Jockel KH, Moebus S, Boes T, Illig T, Froguel P, Hebebrand J, Meyre D. Two new Loci for body-weight regulation identified in a joint analysis of genome-wide association studies for early-onset extreme obesity in French and German study groups. **PLoS Genet** 6:e1000916 (2010) IF: 7.53; cites 246
197. Ceglarek U, Werner M, Kortz L, Körner A, Kiess W, Thiery J, Kratzsch J. Preclinical challenges in steroid analysis of human samples. **J Steroid Biochem Mol Biol** 121:505-12 (2010) IF: 2.7; cites 41
198. Schleinitz D, Klötting N, Körner A, Berndt J, Reichenbacher M, Tönjes A, Ruschke K, Böttcher Y, Dietrich K, Enigk B, Filz M, Schön MR, Jenkner J, Kiess W, Stumvoll M, Blüher M, Kovacs P. Effect of genetic variation in the human fatty acid synthase gene (FASN) on obesity and fat depot-specific mRNA expression. **Obesity (SilverSpring)** 18:1218-25 (2010) IF: 4.2; cites 18
199. Rudolph H, Blüher S, Falkenberg C, Neef M, Körner A, Wurz J, Kiess W, Brähler E. Perception of body weight status: a case control study of obese and lean children and adolescents and their parents. **Obes Facts** 3:83-91 (2010) IF: 3.9; cites 17
200. Garten A, Petzold S, Barnikol-Oettler A, Körner A, Thasler WE, Kratzsch J, Kiess W, Gebhardt R. Nicotinamide phosphoribosyltransferase (NAMPT/PBEF/visfatin) is constitutively released from human hepatocytes. **Biochem Biophys Res Commun** 391:376-81 (2010) IF: 2.5; cites 123
201. Melchior C, Kiess W, Dietrich K, Schulz A, Schöneberg T, Körner A. [Slim despite a genetic predisposition for obesity--influence of environmental factors as chance? A case report]. **Deut Med Wochenschr** 134:1047-50 (2009) IF: 0.63; cites
202. Meyre D, Delplanque J, Chevre JC, Lecoœur C, Lobbens S, Gallina S, Durand E, Vatin V, Degraeve F, Proenca C, Gaget S, Körner A, Kovacs P, Kiess W, Tichet J, Marre M, Hartikainen AL, Horber F, Potoczna N, Hercberg S, Levy-Marchal C, Pattou F, Heude B, Tauber M, McCarthy MI, Blakemore AI, Montpetit A, Polychronakos C, Weill J, Coin LJ, Asher J, Elliott P, Jarvelin MR, Visvikis-Siest S, Balkau B, Sladek R, Balding D, Walley A, Dina C, Froguel P. Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. **Nat Genet** 41:157-9 (2009) IF: 31.8; cites 508

203. Walther C, Gaede L, Adams V, Gelbrich G, Leichtle A, Erbs S, Sonnabend M, Fikenzer K, Körner A, Kiess W, Bruegel M, Thiery J, Schuler G. Effect of increased exercise in school children on physical fitness and endothelial progenitor cells: a prospective randomized trial. **Circulation** 120:2251-9 (2009) IF: 35,6; cites 89
204. Böttcher Y, Unbehauen H, Klötting N, Ruschke K, Körner A, Schleinitz D, Tönjes A, Enigk B, Wolf S, Dietrich K, Koriath M, Scholz GH, Tseng YH, Dietrich A, Schön MR, Kiess W, Stumvoll M, Blüher M, Kovacs P. Adipose tissue expression and genetic variants of the bone morphogenetic protein receptor 1A gene (BMPRI1A) are associated with human obesity. **Diabetes** 58:2119-28 (2009) IF: 6.2; cites 66
205. Völkl TM, Simm D, Körner A, Rascher W, Kiess W, Kratzsch J, Dörr HG. Does an altered leptin axis play a role in obesity among children and adolescents with classical congenital adrenal hyperplasia due to 21-hydroxylase deficiency? **Eur J Endocrinol** 160:239-47 (2009) IF: 5.3; cites 31
206. Völkl TM, Simm D, Körner A, Kiess W, Kratzsch J, Dörr HG. Adiponectin levels are high in children with classic congenital adrenal hyperplasia (CAH) due to 21-hydroxylase deficiency. **Acta Paediatr** 98:885-91 (2009) IF:2.4; cites 13
207. Benzinou M, Creemers JW, Choquet H, Lobbens S, Dina C, Durand E, Guerardel A, Boutin P, Jouret B, Heude B, Balkau B, Tichet J, Marre M, Potoczna N, Horber F, Le Stunff C, Czernichow S, Sandbaek A, Lauritzen T, Borch-Johnsen K, Andersen G, Kiess W, Körner A, Kovacs P, Jacobson P, Carlsson LM, Walley AJ, Jorgensen T, Hansen T, Pedersen O, Meyre D, Froguel P. Common nonsynonymous variants in PCSK1 confer risk of obesity. **Nat Genet** 40:943-5 (2008) IF: 31.8; cites 230
208. Kovacs P, Berndt J, Ruschke K, Klötting N, Schön MR, Körner A, Stumvoll M, Blüher M. TCF7L2 gene expression in human visceral and subcutaneous adipose tissue is differentially regulated but not associated with type 2 diabetes mellitus. **Metabolism** 57:1227-31 (2008) IF: 10.9; cites 16
209. Kratzsch J, Schubert G, Pulzer F, Pfäffle R, Körner A, Dietz A, Rauh M, Kiess W, Thiery J. Reference intervals for TSH and thyroid hormones are mainly affected by age, body mass index and number of blood leucocytes, but hardly by gender and thyroid autoantibodies during the first decades of life. **Clin Biochem** 41:1091-8 (2008) IF: 2.5; cites 60
210. Till HK, Muensterer O, Keller A, Körner A, Blueher S, Merkle R, Kiess W. Laparoscopic sleeve gastrectomy achieves substantial weight loss in an adolescent girl with morbid obesity. **Eur J Pediatr Surg** 18:47-9 (2008) IF: 1.5; cites 21
211. Heger S, Körner A, Meigen C, Gausche R, Keller A, Keller E, Kiess W. Impact of weight status on the onset and parameters of puberty: analysis of three representative cohorts from central Europe. **J Pediatr Endocrinol Metab** 21:865-77 (2008) IF: 1.3; cites 27
212. Walther C, Adams V, Bothur I, Drechsler K, Fikenzer S, Sonnabend M, Bublitz B, Körner A, Erbs S, Busse M, Schuler G. Increasing physical education in high school students: effects on concentration of circulating endothelial progenitor cells. **Eur J Cardiovasc Prev Rehabil** 15:416-22 (2008) IF: 3.69; cites 32
213. Revollo JR*, Körner A*, Mills KF, Satoh A, Wang T, Garten A, Dasgupta B, Sasaki Y, Wolberger C, Townsend RR, Milbrandt J, Kiess W, Imai S. Nampt/PBEF/Visfatin

- regulates insulin secretion in beta cells as a systemic NAD biosynthetic enzyme. **Cell Metab** 6:363-75 (2007) IF: 27.7; cites 744
214. Körner A, Böttcher Y, Enigk B, Kiess W, Stumvoll M, Kovacs P. Effects of genetic variation in the visfatin gene (PBEF1) on obesity, glucose metabolism, and blood pressure in children. **Metabolism** 56:772-7 (2007) IF: 10.9; cites 23
215. Körner A, Pazaitou-Panayiotou K, Kelesidis T, Kelesidis I, Williams CJ, Kaprara A, Bullen J, Neuwirth A, Tseleni S, Mitsiades N, Kiess W, Mantzoros CS. Total and high-molecularweight adiponectin in breast cancer: in vitro and in vivo studies. **J Clin Endocrinol Metab** 92:1041-8 (2007) IF: 5; cites 185
216. Körner A, Garten A, Blüher M, Tauscher R, Kratzsch J, Kiess W. Molecular characteristics of serum visfatin and differential detection by immunoassays. **J Clin Endocrinol Metab** 92:4783-91 (2007) IF: 5; cites 137
217. Körner A, Berndt J, Stumvoll M, Kiess W, Kovacs P. TCF7L2 gene polymorphisms confer an increased risk for early impairment of glucose metabolism and increased height in obese children. **J Clin Endocrinol Metab** 92:1956-60 (2007) IF: 5; cites 27
218. Körner A, Ma L, Franks PW, Kiess W, Baier LJ, Stumvoll M, Kovacs P. Sex-specific effect of the Val1483Ile polymorphism in the fatty acid synthase gene (FAS) on body mass index and lipid profile in Caucasian children. **Int J Obes (Lond)** 31:353-8 (2007) IF: 4.2; cites 23
219. Körner A, Gelbrich G, Müller G, Reich A, Deutscher K, Godicke R, Gronemann B, Kiess W. Critical evaluation of methods for determination of body fat content in children: back to basic parameters? **Horm Metab Res** 39:31-40 (2007) IF: 2; cites 9
220. Dina C, Meyre D, Gallina S, Durand E, Körner A, Jacobson P, Carlsson LM, Kiess W, Vatin V, Lecoeur C, Delplanque J, Vaillant E, Pattou F, Ruiz J, Weill J, Levy-Marchal C, Horber F, Potoczna N, Hercberg S, Le Stunff C, Bougneres P, Kovacs P, Marre M, Balkau B, Cauchi S, Chevre JC, Froguel P. Variation in FTO contributes to childhood obesity and severe adult obesity. **Nat Genet** 39:724-6 (2007) IF: 31.8; cites 1568
221. Berndt J, Kovacs P, Ruschke K, Klötting N, Fasshauer M, Schön MR, Körner A, Stumvoll M, Blüher M. Fatty acid synthase gene expression in human adipose tissue: association with obesity and type 2 diabetes. **Diabetologia** 50:1472-80 (2007) IF: 8.4; cites 199
222. Bohlen F, Kratzsch J, Mueller M, Seidel B, Friedman-Einat M, Witzigmann H, Teupser D, Körner A, Storck M, Thiery J. Leptin inhibits cell growth of human vascular smooth muscle cells. **Vascul Pharmacol** 46:67-71 (2007) IF: 3.5; cites 36
223. Böttcher Y*, Körner A*, Reinehr T, Enigk B, Kiess W, Stumvoll M, Kovacs P. ENPP1 variants and haplotypes predispose to early onset obesity and impaired glucose and insulin metabolism in German obese children. **J Clin Endocrinol Metab** 91:4948-52 (2006) IF: 5; cites 48
224. Kratzsch J, Knerr I, Galler A, Kapellen T, Raile K, Körner A, Thiery J, Dötsch J, Kiess W. Metabolic decompensation in children with type 1 diabetes mellitus associated with increased serum levels of the soluble leptin receptor. **Eur J Endocrinol** 155:609-14 (2006) IF: 5.3; cites 27

Publication List *Antje Körner (née Böttner)*

225. Körner A, Wabitsch M, Seidel B, Fischer-Posovszky P, Berthold A, Stumvoll M, Blüher M, Kratzsch J, Kiess W. Adiponectin expression in humans is dependent on differentiation of adipocytes and down-regulated by humoral serum components of high molecular weight. **Biochem Biophys Res Commun** 337:540-50 (2005) IF: 2.5; cites 96
226. Böttner A, Kratzsch J, Liebermann S, Keller A, Pfäffle RW, Kiess W, Keller E. Comparison of adrenal function tests in children-the glucagon stimulation test allows the simultaneous assessment of adrenal function and growth hormone response in children. **J Pediatr Endocrinol Metab** 18:433-42 (2005) IF: 1.3; cites 35
227. Kratzsch J, Schubring C, Stitzel B, Böttner A, Berthold A, Thiery J, Kiess W. Inverse changes in the serum levels of the soluble leptin receptor and leptin in neonates: relations to anthropometric data. **J Clin Endocrinol Metab** 90:2212-7 (2005) IF: 5; cites 32
228. Gerber M, Böttner A, Seidel B, Lammert A, Bär J, Schuster E, Thiery J, Kiess W, Kratzsch J. Serum resistin levels of obese and lean children and adolescents: biochemical analysis and clinical relevance. **J Clin Endocrinol Metab** 90:4503-9 (2005)
IF: 5; cites 162
229. Sorensen DB, Johnsen PF, Bibby BM, Böttner A, Bornstein SR, Eisenhofer G, Pacak K, Hansen AK. PNMT Transgenic Mice Have an Aggressive Phenotype. **Horm Metab Res** 37:159-63 (2005) IF: 2; cites 13
230. Böttner A, Kratzsch J, Müller G, Kapellen TM, Blüher S, Keller E, Blüher M, Kiess W. Gender differences of adiponectin levels develop during the progression of puberty and are related to serum androgen levels. **J Clin Endocrinol Metab** 89:4053-61 (2004) IF: 5; cites 377
231. Böttner A, Keller E, Kratzsch J, Stobbe H, Weigel JF, Keller A, Hirsch W, Kiess W, Blum WF, Pfäffle RW. PROP1 Mutations Cause Progressive Deterioration of Anterior Pituitary Function including Adrenal Insufficiency: A Longitudinal Analysis. **J Clin Endocrinol Metab** 89:5256-65 (2004) IF: 5; cites 95
232. Reinehr T, Wabitsch M, Andler W, Beyer P, Böttner A, Chen-Stute A, Fromme C, Hampel O, Keller KM, Kilian U, Kolbe H, Lob-Corzilius T, Marg W, Mayer H, Mohnike K, Oepen J, Povel C, Richter B, Riedinger N, Schauerte G, Schmahfeldt G, Siegfried W, Smuda P, Stachow R, Egmond-Frohlich A, Weiten J, Wiegand S, Witte S, Zindel V, Holl RW. Medical care of obese children and adolescents. APV: a standardised multicentre documentation derived to study initial presentation and cardiovascular risk factors in patients transferred to specialised treatment institutions. **Eur J Pediatr** 163:308-12 (2004) IF: 3; cites 46
233. Zastrow O, Seidel B, Kiess W, Thiery J, Keller E, Böttner A, Kratzsch J. The soluble leptin receptor is crucial for leptin action: evidence from clinical and experimental data. **Int J Obes (Lond)** 27:1472-8 (2003) IF: 4.2; cites 101
234. Böttner A, Daneschnejad S, Handrick W, Schuster V, Liebert UG, Kiess W. A season of aseptic meningitis in Germany: epidemiologic, clinical and diagnostic aspects. **Pediatr Infect Dis J** 21:1126-32 (2002) IF: 2.9; cites 34
235. Kratzsch J, Lammert A, Böttner A, Seidel B, Müller G, Thiery J, Hebebrand J, Kiess W. Circulating soluble leptin receptor and free leptin index during childhood, puberty, and adolescence. **J Clin Endocrinol Metab** 87:4587-94 (2002) IF: 5; cites 162

236. Galon J, Franchimont D, Hiroi N, Frey G, Böttner A, Ehrhart-Bornstein M, O'Shea JJ, Chrousos GP, Bornstein SR. Gene profiling reveals unknown enhancing and suppressive actions of glucocorticoids on immune cells. **FASEB J** 16:61-71 (2002) IF: 4.4; cites 461
237. Lammert A, Brockmann G, Renne U, Kiess W, Böttner A, Thiery J, Kratzsch J. Different isoforms of the soluble leptin receptor in non-pregnant and pregnant mice. **Biochem Biophys Res Commun** 298:798-804 (2002) IF: 2.5; cites 18
238. Glasow A, Kiess W, Anderegg U, Berthold A, Böttner A, Kratzsch J. Expression of leptin (Ob) and leptin receptor (Ob-R) in human fibroblasts: regulation of leptin secretion by insulin. **J Clin Endocrinol Metab** 86:4472-9 (2001) IF: 5; cites 59
239. Lammert A, Kiess W, Böttner A, Glasow A, Kratzsch J. Soluble leptin receptor represents the main leptin binding activity in human blood. **Biochem Biophys Res Commun** 283:982-8 (2001) IF: 2.5; cites 230
240. Böttner A, Eisenhofer G, Friberg P, Rundqvist B, Bornstein SR. Serum leptin levels in heart failure patients may be altered differently according to clinical stage. **Eur Heart J** 21:334-5 (2000) IF: 38.1; cites 4
241. Böttner A, Haidan A, Eisenhofer G, Kristensen K, Castle AL, Scherbaum WA, Schneider H, Chrousos GP, Bornstein SR. Increased body fat mass and suppression of circulating leptin levels in response to hypersecretion of epinephrine in phenylethanolamine-Nmethyltransferase (PNMT)-overexpressing mice. **Endocrinology** 141:4239-46 (2000) IF: 3.8; cites 23
242. Bornstein SR, Tian H, Haidan A, Böttner A, Hiroi N, Eisenhofer G, McCann SM, Chrousos GP, Roffler-Tarlov S. Deletion of tyrosine hydroxylase gene reveals functional interdependence of adrenocortical and chromaffin cell system in vivo. **P Natl Acad Sci USA** 97:14742-7 (2000) IF: 9.4; cites 45
243. Böttner A, Eisenhofer G, Friberg P, Rundqvist B, Bornstein SR. Hyperleptinaemia does not correlate with plasma catecholamine levels in chronic heart failure. **Eur Heart J** 20:1051-2 (1999) IF: 38.1; cites 10
244. Böttner A, Eisenhofer G, Torpy DJ, Ehrhart-Bornstein M, Keiser HR, Chrousos GP, Bornstein SR. Lack of leptin suppression in response to hypersecretion of catecholamines in pheochromocytoma patients. **Metabolism** 48:543-5 (1999) IF: 10.9; cites 29
245. Breidert M, Böttner A, Möller S, Herberg L, Bornstein S. Apoptosis in the adrenal gland of non-obese diabetic (NOD) mice. **Exp Clin Endocrinol Diabetes** 106:478-83 (1998) IF: 1.6; cites 4
246. Uhlmann K, Böttner A, Haidan A, Kino T, Wiznerowicz M, Trzeciak H, Ehrhart-Bornstein M, Bornstein SR. Basal catecholamine and cortisol secretion in primary chromaffin cell cultures before and after purification and retroviral transfection. **Endocr Res** 24:753-7 (1998) IF: 1.5; cites 1

Reviews

247. Manco M, Helgason T, Körner A, Nowicka P, O'Malley G, Baker JL. Time for a new framework that treats obesity in children as an adiposity-based chronic disease. **Nat Med** Dec;30(12):3396 (2024) IF: 58.7; cites 2
248. Wiegand S, Becker M, Schmid S, Weghuber D, Weihrauch-Blüher S, Reinehr T, Oeverink R, Kapellen TM, Denzer C, Tauschmann M, Körner A, Holl RW, Prinz N. Trends in pharmacological management of paediatric patients with type 2 diabetes from 2000 to 2023 in German-speaking countries: Analysis based on the Diabetes Prospective Follow-up Registry. **Diabetes Obes Metab** Dec;26(12):5630-5635 (2024) IF: 5.4
249. Stein R, Göpel E, Weghuber D, Hammel MC, Vogel M, Kiess W, Körner A. Are there relevant thresholds of insulin-independent indices across the lifespan to predict alterations in glycemic control?-Authors' reply. **Lancet Reg Health Eur** Sep 6;33:100734 (2023) IF: 13.3
250. Vinoy S, Goletzke J, Rakhshandehroo M, Schweitzer L, Flourakis M, Körner A, Alexy U, van Schothorst EM, Ceriello A, Zakrzewski-Fruer JK, Buyken A. Health relevance of lowering postprandial glycaemia in the paediatric population through diet': results from a multistakeholder workshop. **Eur J Nutr** Apr;62(3):1093-1107 (2023) IF: 4.1; cites 1
251. Kappes C, Stein R, Körner A, Merckenschlager A, Kiess W. Stress, reduction and Obesity in Childhood and Adolescence. **Horm Res Paediatr** 281-9 (2023) IF: 2.6; cites: 16
252. Hinney A, Körner A, Fischer-Posovszky P. The promise of new anti-obesity therapies arising from knowledge of genetic obesity traits. **Nat Rev Endocrinol** 28:1–15 (2022) Epub ahead of print IF: 31; cites 49
253. Maessen SE, Swinburn BA, Taylor RW, Gerritsen S, Nichols M, Körner A, Kiess W, Hancock C, Cutfield WS. Slim Evidence to Suggest Preschoolers Are Emerging from the Obesity Epidemic. **J Pediatr** 236:292-6 (2021) IF: 3.9 cites 5
254. Nidens N, Vogel M, Körner A, Kiess W. Prenatal exposure to phthalate esters and its impact on child development. **Best Pract Res Clin Endocrinol Metab** 35:101478 (2021) IF: 6.1; cites 20
255. Kiess A, Körner A, Dähnert I, Vogel M, Markel F, Gebauer RA, Kiess W, Paech C. Does obesity have an effect on the ECG in children? **J Pediatr Endocrinol Metab** 33:585-9 (2020) IF: 1.3; cites 4
256. Hertrich T, Daxer J, Hiemisch A, Kluge J, Merckenschlager A, Kratzsch J, Scheuermann K, Jenni OG, Körner A, Kiess W, Quante M. Association of sleep characteristics with adiposity markers in children. **J Pediatr Endocrinol Metab** 33:845-52 (2020) IF: 1.3; cites 3
257. Flemming GCM, Bussler S, Körner A, Kiess W. Definition and early diagnosis of metabolic syndrome in children. **J Pediatr Endocrinol Metab** 33:821-33 (2020) IF: 1.3; cites 49
258. Poulain T, Ludwig J, Vogel M, Hiemisch A, Körner A, Kiess W. [The LIFE Child study: A cohort study investigating child development in changing environmental conditions]. **Z Psychosom Med Psychother** 66:390-401 (2020) IF: 0.8; cites 1
259. Körner A, Tschöp MH, Blüher M. Five-year outcomes of gastric bypass in adolescents as compared with adults. **N Engl J Med** 381:e17 (2019) IF: 96.3; cites 12

260. Koletzko B, Bühner C, Ensenauer R, Jochum F, Kalhoff H, Lawrenz B, Körner A, Mihatsch W, Rudloff S, Zimmer KP. Complementary foods in baby food pouches: position statement from the Nutrition Commission of the German Society for Pediatrics and Adolescent Medicine (DGKJ, e.V.). **Mol Cell Pediatr** 6:2 (2019) IF: 0.3; cites 31
261. Reinehr T, Schnabel D, Wabitsch M, Bechtold-Dalla Pozza S, Bühner C, Heidtmann B, Jochum F, Kauth T, Körner A, Mihatsch W, Prell C, Rudloff S, Tittel B, Woelfle J, Zimmer KP, Koletzko B. Vitamin D supplementation after the second year of life: joint position of the Committee on Nutrition, German Society for Pediatric and Adolescent Medicine (DGKJ e.V.), and the German Society for Pediatric Endocrinology and Diabetology (DGKED e.V.). **Mol Cell Pediatr** 6:3 (2019) IF: 0.3; cites 14
262. Rudloff S, Bühner C, Jochum F, Kauth T, Kersting M, Körner A, Koletzko B, Mihatsch W, Prell C, Reinehr T, Zimmer KP. Vegetarian diets in childhood and adolescence : Position paper of the nutrition committee, German Society for Paediatric and Adolescent Medicine (DGKJ). **Mol Cell Pediatr** 6:4 (2019) IF: 0.3; cites 11
263. Kiess W, Penke M, Gesing J, Stoltze A, Körner A, Pfäffle R, Kratzsch J. Congenital hypothyroidism. **J Pediatr Endocrinol Metab** 31:595-6 (2018) IF: 1.3; cites 1
264. Kiess W, Penke M, Kratzsch J, Vogel M, Kapellen T, Hoppmann J, Gesing J, Gausche R, Klamt S, Körner A, Pfäffle R. Pediatric endocrinology is pediatrics is public health. **J Pediatr Endocrinol Metab**:371-4 (2017) IF: 1.3; cites 1
265. Kiess W, Hoppmann J, Gesing J, Penke M, Körner A, Kratzsch J, Pfäffle R. Puberty - genes, environment and clinical issues. **J Pediatr Endocrinol Metab** 29:1229-31 (2016)
IF: 1.3; cites 11
266. Kiess W, Wagner IV, Kratzsch J, Körner A. Male Obesity. **Endocrinol Metab Clin North Am** 44:761-72 (2015) IF: 4.8; cites 5
267. Kiess W, Penke M, Sergejev E, Neef M, Adler M, Gausche R, Körner A. Childhood obesity at the crossroads. **J Pediatr Endocrinol Metab** 28:481-4 (2015) IF: 1.3; cites 20
268. Kiess W, Penke M, Gesing J, Hoppmann J, Müller E, Körner A, Kratzsch J, Pfäffle R. Thyroid disorders revisited. **J Pediatr Endocrinol Metab** 28:731-3 (2015) IF: 1.3; cites 5
269. Kiess W, Kratzsch J, Sergejev E, Neef M, Adler M, Pfäffle R, Hiemisch A, Körner A. Metabolic syndrome in childhood and adolescence. **Clin Biochem** 47:695 (2014)
IF: 2.5; cites 3
270. Rascher W, Kiess W, Körner A. [High blood pressure in obese children and adolescents]. **BUNDESGESUNDHEITSBLA** 56:492-9 (2013) IF: 1.60; cites 2
271. Neef M, Weise S, Adler M, Sergejev E, Dittrich K, Körner A, Kiess W. Health impact in children and adolescents. **Best Pract Res Clin Endocrinol Metab** 27:229-38 (2013)
IF: 6.1; cites 21
272. Sergejev E, Wagner I, Neef M, Adler M, Körner A, Kiess W. [Carbohydrate metabolism disorders among obese children and adolescents. Diabetes mellitus type 2]. **BUNDESGESUNDHEITSBLA** 56:511-6 (2013) IF: 1.7

Publication List *Antje Körner (née Böttner)*

273. Wagner IV, Sergejev E, Dittrich K, Gesing J, Neef M, Adler M, Geserick M, Pfäffle RW, Körner A, Kiess W. [Does childhood obesity affect sexual development?]. **BUNDESGESUNDHEITSBLA** 56:504-10 (2013) IF: 1.6; cites 4
274. Wagner IV, Sabin MA, Pfäffle RW, Hiemisch A, Sergejev E, Körner A, Kiess W. Effects of obesity on human sexual development. **Nat Rev Endocrinol** 8:246-54 (2012) IF: 31; cites 96
275. Böttcher Y, Körner A, Kovacs P, Kiess W. Obesity genes: Implication in childhood obesity. **J Paediatr Child Health** 22:31-6 (2012) IF: 1.45
276. Kiess W, Sergejev E, Körner A, Hebebrand J. [Is it possible to treat obesity in children and adolescents?]. **BUNDESGESUNDHEITSBLA** 54:527-32 (2011) IF: 1.7; cites 8
277. Blüher S, Sergejev E, Moser A, Neef M, Hiemisch A, Körner A, Kiess W. Syndromale Adipositas [Syndromal Obesity]. **Adipositas** 5 (2011)
278. Garten A, Petzold S, Schuster S, Körner A, Kratzsch J, Kiess W. Nampt and its potential role in inflammation and type 2 diabetes. **Handb Exp Pharmacol**:147-64 (2011) cites 26
279. Kiess W, Blüher S, Kapellen T, Körner A. Metabolic syndrome in children and adolescents: prevalence, public health issue, and time for initiative. **J Pediatr Gastroenterol Nutr** 49:268-71 (2009) IF: 2.4; cites 14
280. Garten A, Petzold S, Körner A, Imai S, Kiess W. Nampt: linking NAD biology, metabolism and cancer. **Trends Endocrinol Metab** 20:130-8 (2009) IF: 11.4; cites 336
281. Beige J, Heipmann K, Stumvoll M, Körner A, Kratzsch J. Paradoxical role for adiponectin in chronic renal diseases? An example of reverse epidemiology. **Expert Opin Ther Targets** 13:163-73 (2009) IF: 4.6; cites 24
282. Blüher S, Hauskeller F, Kapellen TM, Körner A, Neef M, Jennewein R, Zschaler S, Gausche R, Meigen C, Burgold A, Pfäffle R, Kiess W. Aktuelle Präventionsansätze gegen Adipositas und Typ 2 Diabetes bei Kindern und Jugendlichen. Diabetes Kompendium: Thieme Verlag; 2009.
283. Körner A, Kratzsch J, Gausche R, Blüher S, Kapellen T, Pulzer F, Behrens M, Kiess W. Metabolic syndrome in children and adolescents--risk for sleep-disordered breathing and obstructive sleep-apnoea syndrome? **Arch Physiol Biochem** 114:237-43 (2008) IF: 3.2
284. Körner A, Kiess W, Stumvoll M, Kovacs P. Polygenic contribution to obesity: genomewide strategies reveal new targets. **Front Horm Res** 36:12-36 (2008) IF: 3.14; cites 28
285. Kiess W, Petzold S, Töpfer M, Garten A, Blüher S, Kapellen T, Körner A, Kratzsch J. Adipocytes and adipose tissue. **Best Pract Res Clin Endocrinol Metab** 22:135-53 (2008) IF: 6.1; cites 88
286. Körner A, Kratzsch J, Gausche R, Schaab M, Erbs S, Kiess W. New predictors of the metabolic syndrome in children--role of adipocytokines. **Pediatr Res** 61(6):640-5 (2007) IF: 3.1; cites 125
287. Kiess W, Blüher S, Kapellen T, Garten A, Klammt J, Kratzsch J, Körner A. Physiology of obesity in childhood and adolescence. **Curr Pediatr** 16:123-31 (2006)

Publication List *Antje Körner (née Böttner)*

288. Körner A, Kratzsch J, Kiess W. Adipocytokines: leptin-the classical, resistin-the controversial, adiponectin-the promising, and more to come. **Best Pract Res Clin Endocrinol Metab** 19:525-46 (2005) IF: 6.1; cites 350
289. Körner A, Blüher S, Kapellen T, Garten A, Klammt J, Kratzsch J, Kiess W. Obesity in childhood and adolescence: a review in the interface between adipocyte physiology and clinical challenges. **Hormones(Athens)** 4:189-99 (2005) IF: 1.24; cites 23
290. Kiess W, Böttner A, Blüher S, Raile K, Galler A, Kapellen TM. Type 2 diabetes mellitus in children and adolescents--the beginning of a renal catastrophe? **Nephrol Dial Transplant** 19:2693-6 (2004) IF: 7.19; cites 12
291. Kapellen TM, Böttner A, Galler A, Raile K, Nietzschmann U, Kiess W. Treatment of adolescents with type 2 diabetes. **Klin Pädiatr** 216:57-61 (2004) IF: 1.24; cites 1
292. Kapellen TM, Galler A, Böttner A, Kiess W. Epidemiology, treatment and prevention of type 2 diabetes in children and adolescents. **Deut Med Wochenschr** 129:1519-23 (2004) IF: 0.65; cites 6
293. Kiess W, Blüher S, Kapellen T, Böttner A. Obesity, childhood and adolescence. Encyclopedia of Endocrine Diseases. 3: Elsevier Inc.; 2004. p. 403-7.
294. Kiess W, Böttner A, Blüher S, Raile K, Seidel B, Kapellen T, Keller E, Kratzsch J. Pharmacoeconomics of obesity management in childhood and adolescence. **Expert Opin Pharmacother** 4:1471-7 (2003) IF: 4.1; cites 6
295. Kiess W, Böttner A, Raile K, Kapellen T, Müller G, Galler A, Paschke R, Wabitsch M. Type 2 Diabetes mellitus in Children and Adolescents: A Review from a European Perspective. **Horm Res Paediatr** 59:77-84 (2003) IF: 2.48; cites 57
296. Kiess W, Böttner A. Obesity in the adolescent. **Adolesc Med** 13:181-90 (2002) IF: 1.81; cites 7
297. Böttner A, Bornstein SR. Lessons learned from gene targeting and transgenesis for adrenal physiology and disease. **Rev Endocr Metab Disord** 2:275-87 (2001) IF: 9.3; cites 3
298. Kiess W, Reich A, Müller G, Galler A, Kapellen T, Raile K, Böttner A, Seidel B, Kratzsch J. Obesity in childhood and adolescence: clinical diagnosis and management. **J Pediatr Endocrinol Metab** 14 Suppl 6:1431-40.:1431-40 (2001) IF: 1.52; cites 15
299. Bornstein S, Böttner A, Chrousos G. Knocking out the stress response. **Mol Psychiatry** 4:403-7 (1999) IF: 9.6; cites 7