1) General information

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20.06.1982, female

Institute for Diabetes and Cancer
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Current position: Head of Junior Group Endocrine Pharmacology, Institute of Diabetes and Cancer (IDC), Helmholtz Diabetes Centre Munich, Germany
Parental leave: 12.10.2019 - 01.01.2020 (1 child born 12.10.2019)

2) University training and degree

2007-2012	PhD degree (Dr.), Wageningen University, The Netherlands (Thesis supervisor Prof. Dr. Sander Kersten)
2005-2007	Master Diploma (MSc) Nutrition and Health/Molecular Nutrition, Wageningen University, The Netherlands (MSc thesis supervisor Prof. Dr. Sander Kersten)
2000-2005	Bachelor degree (BSc) in Clinical Nutrition/Dietetics, Harokopio University, Athens, Greece (BSc thesis supervisor Prof. Dr. Smaradgi Antonopoulou)

3) Advanced academic qualifications

2012	Dissertation: Molecular Nutrition, Wageningen University, The Netherlands (Mentor: Prof. Dr. S. Kersten)

4) Postgraduate professional career

2021 - present	Group Leader, Institute for Diabetes and Cancer, Helmholtz Diabetes Centre, Munich
2018 - 2021	Project Team Leader, Institute for Diabetes and Cancer, Helmholtz Diabetes Centre, Munich
2015 - 2018	Postdoctoral fellow, Department of Adipose Tissue Biology, Institute for Diabetes and Cancer, Helmholtz Diabetes Centre, Munich
2012 - 2015	Postdoctoral fellow, Department of Cell and Molecular Biology, Karolinska Institute, Sweden

5) Other

Memberships

2018 - present	Member of European Foundation for the Study of Diabetes (EFSD)

Reviewer activities

Founding agencies: Reviewer for National French Agency for Research (ANR: Agence Nationale De la Recherche). Scientific journals: Molecular Metabolism, Scientific Reports, International Journal of Molecular Sciences, Cells, EMBO journal.

Honors and awards

2018	EFSD/Lilly Award
2012	Rubicon Postdoctoral Mobility Fellowship, The Netherlands Organisation for Scientific Research (NWO)

6) Selected publications

a) peer-reviewed

2021: **Georgiadi A***, Lopez-Salazar V, Merahbi RE, Karikari RA, Ma X, Mourão A, Klepac K, Bühler L, Alfaro AJ, Kaczmarek I, Linford A, Bosma M, Shilkova O, Ritvos O, Nakamura N, Hirose S, Lassi M, Teperino R, Machado J, Scheideler M, Dietrich A, Geerlof A, Feuchtinger A, Blutke A, Fischer K, Müller TD, Kessler K, Schöneberg T, Thor D, Hornemann S, Kruse M, Nawroth P, Pivovarova-Ramich O, Pfeiffer AFH, Sattler M, Blüher M, Herzig S. Orphan GPR116 mediates the insulin sensitizing effects of the hepatokine FNDC4 in adipose tissue. **Nat Commun.** 2021 May 20;12(1):2999. doi: 10.1038/s41467-021-22579-1. ***corresponding author**

***2019*:** Klepac K, **Georgiadi A**, Tschöp M, Herzig S. The role of brown and beige adipose tissue in glycaemic control.**Mol Aspects Med.** 2019 Aug;68:90-100. doi: 10.1016/j.mam.2019.07.001. Epub 2019 Jul 16. REVIEW

2017 : Duteil D, Tosic M, Willmann D, **Georgiadi A,** Kanouni T, Schüle R. Lsd1 prevents age-programed loss of beige adipocytes. Proc Natl Acad Sci U S A. 2017 May 16;114(20):5265-5270.

Scheideler M, Herzig S, **Georgiadi A**. Endocrine and autocrine/paracrine modulators of brown adipose tissue mass and activity as novel therapeutic strategies against obesity and type 2 diabetes. **Horm Mol Biol Clin Investig.** 2017 Aug 29;31(2). REVIEW

2016: Bosma M, Gerling M, Pasto J, **Georgiadi A**, Graham E, Shilkova O, Iwata Y, Almer S, Söderman J, Toftgård R, Wermeling F, Boström EA, Boström PA. FNDC4 acts as an anti-inflammatory factor on macrophages and improves colitis in mice. **Nat Commun.** 2016 Apr 12;7:11314

2014: Tjeerdema N**, Georgiadi A**, Jonker JT, van Glabbeek M, Alizadeh Dehnavi R, Tamsma JT, Smit JW, Kersten S, Rensen PC. Inflammation increases plasma angiopoietin-like protein 4 in patients with the metabolic syndrome and type 2 diabetes. **BMJ Open Diabetes Res Care.** 2014 Dec 3;2(1):e000034.

Mattijssen F, **Georgiadi A**, Andasarie T, Szalowska E, Zota A, Krones-Herzig A, Heier C, Ratman D, De Bosscher K, Qi L, Zechner R, Herzig S, Kersten S. Hypoxia-inducible lipid droplet-associated (HILPDA) is a novel peroxisome proliferator-activated receptor (PPAR) target involved in hepatic triglyceride secretion. **J Biol Chem.** 2014 Jul 11;289(28):19279-93.

Roberts LD, Boström P, O'Sullivan JF, Schinzel RT, Lewis GD, Dejam A, Lee YK, Palma MJ, Calhoun S, **Georgiadi A,** Chen MH, Ramachandran VS, Larson MG, Bouchard C, Rankinen T, Souza AL, Clish CB, Wang TJ, Estall JL, Soukas AA, Cowan CA, Spiegelman BM, Gerszten RE. β-Aminoisobutyric acid induces browning of white fat and hepatic β-oxidation and is inversely correlated with cardiometabolic risk factors. **Cell Metab**. 2014 Jan 7;19(1):96-108.

2013 : **Georgiadi A**, Wang Y, Stienstra R, Tjeerdema N, Janssen A, Stalenhoef A, van der Vliet JA, de Roos A, Tamsma JT, Smit JW, Tan NS, Müller M, Rensen PC, Kersten S. Overexpression of angiopoietin-like protein 4 protects against atherosclerosis development. **Arteriosclerosis, Thrombosis and Vascular Biology**, 33, 1529-1537

Boström PA, Graham EL, **Georgiadi A**, Ma X. mpact of exercise on muscle and nonmuscle organs. **IUBMB Life**. 2013 Oct;65(10):845-50. REVIEW

2012 : **Georgiadi A**, Boekschoten MV, Müller M, Kersten S. Detailed transcriptomics analysis of the effect of dietary fatty acids on gene expression in the heart. **Physiol Genomics.** 2012 Mar 19;44(6):352-61.

Buler M, Aatsinki SM, Skoumal R, Komka Z, Tóth M, Kerkelä R, **Georgiadi A**, Kersten S, Hakkola J. Energy-sensing factors coactivator peroxisome proliferator-activated receptor γ coactivator 1-α (PGC-1α) and AMP-activated protein kinase control expression of inflammatory mediators in liver: induction of interleukin 1 receptor antagonist. **J Biol Chem**. 2012 Jan 13;287(3):1847-60.

Georgiadi A, Kersten S. Mechanisms of gene regulation by fatty acids. **Adv Nutr.** 2012 Mar 1;3(2):127-34

2010 : Lichtenstein L, Mattijssen F, de Wit NJ, **Georgiadi A,** Hooiveld GJ, van der Meer R, He Y, Qi L, Köster A, Tamsma JT, Tan NS, Müller M, Kersten S. Angptl4 protects against severe proinflammatory effects of saturated fat by inhibiting fatty acid uptake into mesenteric lymph node macrophages. **Cell Metab.** 2010 Dec 1;12(6):580-92.

Georgiadi A, Lichtenstein L, Degenhardt T, Boekschoten MV, van Bilsen M, Desvergne B, Müller M, Kersten S. Induction of cardiac Angptl4 by dietary fatty acids is mediated by peroxisome proliferator-activated receptor beta/delta and protects against fatty acid-induced oxidative stress. **Circ Res**. 2010 Jun 11;106(11):1712-21

b) patents

Pending: Patent Application No. 102453 in Luxembourg

Title: "FNDC4 FUSION PROTEIN AND USES THEREOF"
Applicant: Helmholtz Zentrum München Deutsches Forschungszentrum für Gesundheit und Umwelt (GmbH), Your Ref.: PLA20A17, Our Ref.: HEL17178LU, Inventors: Dr. Anastasia Georgiadi, Prof. Dr. Stephan Herzig