

Georgios Grammatikos, MD, Assist. Prof.
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Personal data

Born	15. December 1982, Thessaloniki (Greece)
Nationality	Greek
Family status	married, 2 children
Home adress	Mitropoleos 125, 54621, Thessaloniki

Education

2000	Apollytirion of the hellenic national exam and german Abitur , German School Thessaloniki (Deutsche Schule Thessaloniki), Greece
2000-2007	Medical school , University Duisburg-Essen, Germany and University Zurich, Switzerland
2004-2007	MD thesis , Institute of molecular biology, University Duisburg-Essen, Germany Director: Prof. Dr. E. Gulbins
11/2011	Rigorosum (Dr. med.), <i>summa cum laude (excellent)</i> „The role of acid sphingomyelinase in chemotherapy induced cell death of glioma tumors”
07/2008-06/2014	Clinical Fellowship for Internal Medicine, Medical Clinic I, Gastroenterology/Hepatology, Faculty of Medicine, Goethe-University Frankfurt Director: Prof. S. Zeuzem
2012-2013	Research fellow Institute of General Pharmacology and Toxicology, Faculty of Medicine, Goethe-University Frankfurt Director: Prof. Dr. J. Pfeilschifter
01-06/2014	Research fellow (SFB 1039, Lipid Signalling), Institute of General Pharmacology and Toxicology, Faculty of Medicine, Goethe-University Frankfurt Director: Prof. Dr. J. Pfeilschifter
06/2014-	Clinical fellow for Hepatology/Gastroenterology, Medical Clinic I, Faculty of Medicine, Goethe-University Frankfurt Director: Prof. S. Zeuzem
03/2017	Subspecialization for Nutritional Medicine (Bad Krozingen, Germany)

Faculty of Medicine, University of Freiburg

- 05/2017 **Habilitation (Assistant Professor)** for Internal Medicine
Faculty of Medicine, Goethe-University Frankfurt
- 09/2017-09/2018 **Consultant** for Gastroenterology/Hepatology, University Frankfurt am Main,
Germany
- since 09/2018 **Private practice for Gastroenterology/Hepatology and St'Lukes Clinic,**
Thessaloniki, Greece

Scholarships

- 2004 Pregraduate **MD-thesis-scholarship** of the University Duisburg-Essen, Germany
- 2012 **Research fellowship** (Patenschaftsprojekt), Faculty of Medicine, Goethe-
University Frankfurt
- 2016 **Research fellowship** (Nachwuchswissenschaftler), Faculty of Medicine,
Goethe-University Frankfurt
- 2016 **Fellowship** Infectious diseases, GILEAD sciences, Germany
- 2017 **WIPANO-fellowship**, Bundesministerium für Wirtschaft und Technologie,
Germany

Research awards and patents

- 04/2015 **European Patent Application** No. 15001051.0 "Serum biomarker for
hepatocellular carcinoma (HCC)" filed on April 13th, 2015
- 12/2015 **Annual research prize** of the "Rhein-Main AG für Gastroenterologie"
- 06/2016 **Annual research prize** of the „Mitteldeutsche Gesellschaft für
Gastroenterologie“ (MGG)

Invited talks, oral and poster presentations

- 11/2011 62nd annual **AASLD** Liver meeting, San Francisco, CA, USA
- 03/2012 47th annual **EASL** "The International Liver Congress", Barcelona, Spain
- 11/2012 63th annual **AASLD** Liver meeting, Cambridge, MA, Boston, USA
- 06/2013 **HCV-Resistance** meeting, Cambridge, MA, Boston, USA
- 11/2013 64th annual **AASLD** Liver meeting, Washington DC, USA
- 03/2015 49th annual **EASL** "The International Liver Congress", Vienna, Austria
- 05/2015 14th **EEMH** Liver Congress, Kos, Greece
- 09/2015 **Oncohepcevir-Aristeia 1560**, Alexandroupoli, Greece
- 09/2016 6th **European Workshop** on Lipid Mediators (6EWLM), Frankfurt, Germany
- 05/2017 15th **EEMH** Liver Congress, Larissa, Greece
- 12/2017 **3rd Meeting of the GRK 2098**, Essen, Germany
- 02/2018 **Paul-Ehrlich-Institut**, Langen, Germany
- 04/2018 **Post-EASL-meeting**, Frankfurt, Germany

06/2018	Sphingo FOR 2123 , Würzburg, Germany
11/2018	18. Workshop SAGE , Stuttgart, Germany
03/2019	GRK-meeting , Essen, Germany

Teaching

since 2008	Clinical assessment course „bedside teaching” Faculty of Medicine, Goethe-University Frankfurt
since 2009	OSCE (objective structured clinical examination) Internal Medicine, Faculty of Medicine, Goethe-University Frankfurt
since 2016	Examiner for Internal Medicine in the german national medical exams Faculty of Medicine, Goethe-University Frankfurt Faculty of Dentistry, Goethe-University Frankfurt
2016, 2018	Lecturer , Abbvie Hepatology Academy Preceptorship Center of Excellence Curriculum, Medizinische Klinik I, Frankfurt am Main

Supervision of postgraduate students

2012-2013	Dr. med. cand. Sirkka Schroeter
2014-2015	Dr. med. cand. Niklas Schoell
2015-2017	Dr. med. cand. Janis Gerharz
2016-	Dr. med. cand. Aissa Roehrig
2016-	Dr. dent. cand. Friederike Knauer
2016-	PhD cand. Katja Jakobi

Reviewer

Journal of Hepatology, PloS One, Annals of Hepatology, World Journal of Gastroenterology, Archives of Medical Research, Journal of Proteomics, Science Reports, Oncotarget

Society memberships

European Association for the Study of the Liver (EASL)
Hellenic Association for the Study of the Liver (EEMH)
German Gastroenterology Association (DGVS)

Publications (only original articles, first or last authorships)

1. **Grammatikos G**, Teichgraber V, Carpinteiro A, Trarbach T, Weller M, Hengge UR, Gulbins E. Overexpression of acid sphingomyelinase sensitizes glioma cells to chemotherapy. *Antioxid Redox Signal* 2007;9:1449-1456
2. **Grammatikos G**, Jabara CB, Ahmad MQ, Herrmann E, Zeuzem S, Welsch C. Genetic background for development of resistance mutations within the HCV NS3 protease-helicase in patients naive to direct antivirals. *Antivir Ther* 2014;10.3851/IMP2734.
3. **Grammatikos G**, Lange C, Susser S, Schwendy S, Dikopoulos N, Buggisch P, Encke J, Teuber G, Goeser T, Thimme R, Klinker H, Boecher WO, Schulte-Frohlinde E, Penna-Martinez M, Badenhop K, Zeuzem S, Berg T, Sarrazin C. Vitamin D levels vary during antiviral treatment but are unable to predict treatment outcome in HCV genotype 1 infected patients. *PLoS One* 2014;9:e87974.
4. **Grammatikos G***, Muhle C, Ferreiros N, Schroeter S, Bogdanou D, Schwalm S, Hintereder G, Kornhuber J, Zeuzem S, Sarrazin C, Pfeilschifter J. Serum acid sphingomyelinase is upregulated in chronic hepatitis C infection and non alcoholic fatty liver disease. *Biochim Biophys Acta* 2014;1841:1012-1020.
5. **Grammatikos G**, Farnik H, Bon D, Bohlig A, Bader T, Berg T, Zeuzem S, Herrmann E. The impact of anti-hyperlipidemic drugs on the viral load of patients with chronic hepatitis C infection: a meta-analysis. *J Viral Hepat.* 2014;21:533-41.
6. **Grammatikos G***, Ferreiros N, Bon D, Schwalm S, Dietz J, Berkowski C, Fitting D, Herrmann E, Zeuzem S, Sarrazin C, Pfeilschifter J. Variations in serum sphingolipid levels associate with liver fibrosis progression and poor treatment outcome in HCV but not HBV infection. *Hepatology*. 2015;61:812-22.
7. **Grammatikos G***, Ferreiròs N, Waidmann O, Bon D, Schroeter S, Koch A, Herrmann E, Zeuzem S, Kronenberger B, Pfeilschifter J. Serum Sphingolipid Variations Associate with Hepatic Decompensation and Survival in Patients with Cirrhosis. *PLoS One*. 2015;10:e0138130.
8. **Grammatikos G***, Schoell N, Ferreiròs N, Bon D, Herrmann E, Farnik H, Köberle V, Piiper A, Zeuzem S, Kronenberger B, Waidmann O, Pfeilschifter J. Serum sphingolipidomic analyses reveal an upregulation of C16-ceramide and sphingosine-1-phosphate in hepatocellular carcinoma. *Oncotarget*. 2016;10.18632/oncotarget.7741.
9. **Grammatikos G***, Dietz J, Ferreiros N, Koch A, Dultz G, Bon D, Karakasiliotis I, Lutz T, Knecht G, Gute P, Herrmann E, Zeuzem S, Mavromara P, Sarrazin C, Pfeilschifter J. Persistence of HCV in Acutely-Infected Patients Depletes C24-Ceramide and Upregulates Sphingosine and Sphinganine Serum Levels. *Int J Mol Sci*. 2016.
10. Ferstl PG, Reinheimer C, Jozsa K, Zeuzem S, Kempf VA, Waidmann O, **Grammatikos G**. Severe infection with multidrug-resistant *Salmonella choleraesuis* in a young patient with primary sclerosing cholangitis. *World J Gastroenterol*. 2017;23:2086-2089.
11. Mücke VT, Gerharz J, Jakobi K, Thomas D, Ferreiròs Bouzas N, Mücke MM, Trötschler S, Weiler N, Welker MW, Zeuzem S, Pfeilschifter J, **Grammatikos G**. Low Serum Levels of (Dihydro-)Ceramide Reflect Liver Graft Dysfunction in a Real-World Cohort of Patients Post Liver Transplantation. *Int J Mol Sci*. 2018;19. pii: E991. doi: 10.3390/ijms19040991.
12. Finkelmeier F, Canli Ö, Peiffer KH, Walter D, Tal A, Koch C, Pession U, Vermehren J, Trojan J, Zeuzem S, Piiper A, Greten FR, **Grammatikos G[§]**, Waidmann O[§]. Circulating hypoxia marker carbonic anhydrase IX (CA9) in patients with hepatocellular carcinoma and patients with cirrhosis. *PLoS One*. 2018;13:e0200855. doi: 10.1371/journal.pone.0200855.

13. Mücke VT, Jakobi K, Knop V, Thomas D, Mücke MM, Peiffer KH, Zeuzem S, Sarrazin C, Pfeilschifter J, **Grammatikos G**. Serum sphingolipid levels associate with upcoming virologic events and HBV genotype D in a cohort of patients with HBeAg-negative HBV infection. PLoS One. 2018;13:e0207293. doi:10.1371/journal.pone.0207293.

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