


Curriculum Vitae (CV)

Name:	Rainer Johannes Klement	
Current Position:	Medical Physicist and Researcher Department of Radiation Oncology Leopoldina Hospital Schweinfurt, Germany	
Nationality:	German	
Date of birth:	24 th May 1979	
Education:	Diploma in Physics 2005 Ph.D. in Astronomy 2008	

Career summary:	
Since 11/ 2012	Medical Physicist and Researcher at the Leopoldina Hospital Schweinfurt, Department of Radiation Oncology Research focus: radiobiological modeling and clinical research on ketogenic diets
01/ 2011–10/ 2012	Medical Physicist and Researcher at the University Hospital of Würzburg, Department of Radiation Oncology
11/ 2008–12/ 2010	Post-Doc position at the Max-Planck-Institute for Astronomy, Heidelberg Member of Coordination Unit 8 in preparation for the European satellite mission Gaia
11/ 2008–12/ 2010	Ph.D. student at the Max-Planck-Institute for Astronomy, Heidelberg Research focus: Stellar kinematics in the Solar neighborhood
Scientific Career	
Publications	Peer reviewed publications in the following journals (selection) <ul style="list-style-type: none"> • <i>Astronomy and Astrophysics Review</i> • <i>Cancer and Metastasis Reviews</i> • <i>International Journal of Radiation Oncology*Biology*Physics</i> • <i>Journal of Thoracic Oncology</i> • <i>Radiotherapy & Oncology</i> • <i>Nutrition & Metabolism</i> • <i>Science</i> • <i>The Astrophysical Journal</i>
Peer Reviews	Review contributions for the following journals (selection) <ul style="list-style-type: none"> • <i>Computational and Structural Biotechnology Journal</i> • <i>Nutrition Journal</i> • <i>Oncotarget</i> • <i>Radiotherapy & Oncology</i> • <i>Scientific Reports</i>

Invited talks (selection)	<ul style="list-style-type: none"> • Restricting carbohydrates to fight head and neck cancer – is this realistic? ASTRO Head and Neck cancer symposium, Feb 2014, Scottsdale, AZ, USA • Verzögert eine Kohlenhydratarme Ernährung das Tumorwachstum? Nutrition 2015: Annual Meeting of the German, Austrian and Swiss Societies for Clinical Nutrition, May 2015, Bregenz, Austria • Dosis-Wirkungsbeziehungen in der extrakraniellen Radiochirurgie. 47th annual meeting of the German Society for Medical Physics, Sept 2016, Würzburg, Germany • Fats and Physics – Adding a Ketogenic Diet to Radiation Therapy in Cancer Treatment. Metabolic Therapeutics Conference, Feb 2017, Tampa, FL, USA
Editorial board membership	<i>Journal of Evolution and Health</i>

Languages	Level
German	Mother tongue
English	Strong knowledge
Latin	Able to translate