

Curriculum Vitae

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Education:

2005- 2012	PhD at the University of Bonn in the research group of Prof. Dr. J. Piel
2000-June 2005	German "Diplom" for Chemistry, University of Hamburg, Germany Master of Science, "Life Sciences ", University of Hamburg, Germany
1996-2000	Bachelor of Science in Chemistry, İstanbul Technical University, Turkey
1988-1996	High School "İstanbul Lisesi", İstanbul, Turkey

Research Experiences:

PhD Topic: "Chemical Investigation of *Streptomyces Albus* Heterologous Expression Strains and The Biosynthesis of the Aromatic Polyketide Griseorhodin A", Kekulé Institute for Organic Chemistry and Biochemistry, 2012, University of Bonn, Germany.

Diplom and Master Thesis: "Application of fluorophore binding aptamers for labeling RNA", 2005, University of Hamburg, Germany.

Research work in Organic Chemistry: "Synthesis of α -hydroxy benzyl phosphonate modified dinucleotides", 2003, University of Hamburg, Germany.

Bachelor Thesis: "Synthesis of α , β - unsaturated carbonyl compounds and investigation their reactivity with diethyl diazo malonate", 2000, Istanbul Technical University, Turkey.

Publications:

Yunt, Z., Reinhardt, K.; Li, A; Engeser, M.; Lalk, M.; Dahse, H.; Gütschow, M.; Bringmann, G. & Piel, J.: "Cleavage of four carbon-carbon bonds during biosynthesis of the griseorhodin A spiroketal pharmacophore" *J Am Chem Soc.*, 131 (6): 2297-22305. **(2009)**.

Lackner, G.; A. Schenk; Xu, Z.; Reinhardt, K.; **Yunt, Z. S.**; Piel, J. & Hertweck, C.: "Biosynthesis of pentangular polyphenols: deductions from the benastatin and griseorhodin pathways" *J Am Chem Soc.*, 129 (30): 9306-9312. **(2007)**.