

Review

# **Metal Complexes of Biologically Important Ligands, CLXXII [1]. Metal Ions and Metal Complexes as Protective Groups of Amino Acids and Peptides – Reactions at Coordinated Amino Acids**

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*Z. Naturforsch.* **2009**, *64b*, 1221 – 1245; received May 18, 2009

*Dedicated to Professor Hubert Schmidbaur on the occasion of his 75<sup>th</sup> birthday*

The introduction of protective groups into multifunctional molecules, *e. g.* into amino acids for peptide synthesis, and their removal are one of the most important techniques and strategies in Organic Chemistry [2]. Amino acids, their anions and derivatives are versatile ligands, and the leading idea to protect the N- or C-terminus of amino acids by metal ions or by metal complexes has opened interesting chapters which reach from classical coordination and bioinorganic chemistry to modern organometallic and bioorganometallic chemistry [3].

*Key words:* Amino Acids, Peptides, Protective Groups, Metal Ions, Metal Complexes