

LIST OF PUBLICATIONS

2011 – 2015

M. Paúrová, J. Havlíčková, A. Pospíšilová, M. Vetrík, I. Císařová, H. Stephan, H.J. Pietzsch, M. Hrubý, P. Hermann, J. Kotek

Bifunctional Cyclam-Based Ligands with Phosphorus Acid Pendant Moieties for Radiocopper Separation – Thermodynamic and Kinetic Studies

Chem. Eur. J. **2015**, *21*, 4671-4687.

K. Pant, D. Gröger, R. Bergmann, J. Pietzsch, J. Steinbach, B. Graham, L. Spiccia, F. Berthon, B. Czarny, L. Devel, V. Dive, H. Stephan, R. Haag

Synthesis and Biodistribution Studies of ^3H - and ^{64}Cu -labeled Dendritic Polyglycerol and Dendritic Polyglycerol Sulfates Studies

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D. Brox, P. Comba, D.-P. Herten, E. Kimmle, M. Morgen, C. Rühl, A. Rybina, H. Stephan, G. Storch, H. Wadepohl

Cu^{II} -selective bispidine–dye conjugates

J. Inorg. Biochem. **2015**, *148*, 78-83.

A. Leonidova, C. Foerster, K. Zarschler, M. Schubert, H.-J. Pietzsch, J. Steinbach, R. Bergmann, N. Metzler-Nolte, H. Stephan, G. Gasser

***In vivo* demonstration of a tumour pretargeting approach with peptide nucleic acids as complementary system**

Chem. Sci. **2015**, *6*, 5601-5616.

M. Kubeil, K. Zarschler, J. Pietzsch, W. Kraus, P. Comba, H. Stephan

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S.-Y. Lee, A. Fiene, W. Li, T. Hank, K. Brylev, V. Fedovrov, J. Lecka, A. Haider, H.-J. Pietzsch, H. Zimmermann, J. Sévigny, U. Kortz, H. Stephan, C. E. Müller

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H. Stephan, M. Walther, S. Fähnemann, P. Ceroni, J. Molloy, G. Bergamini, F. Heisig, C. E. Müller, W. Kraus, P. Comba

Bispidines for dual imaging

Chem. Eur. J. **2014**, *20*, 17011-17018.

K.-Y. Wang, Z. Lin, B. B. Bassil, J. Cao, H. Stephan, K. Viehweger, U. Kortz

The Ti_7 -Containing, Tetrahedral 36-Tungsto-4-Arsenate(III) $[\text{Ti}_6(\text{TiO}_6)(\text{AsW}_9\text{O}_{33})_4]^{20-}$

Dalton Trans. **2014**, *43*, 16143-16146.

H. Stephan, C. Förster, G. Gasser

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in *Peptide Nucleic Acids, Methods and Protocols*, 2nd ed., Series: *Methods in Molecular Biology*, Vol. 1050, (Nielsen, P. E. and Appella, D., Eds.), Springer, Humana Press **2014**, pp 37-54.

K. Zarschler, M. Kubeil, H. Stephan

Establishment of two complementary *in vitro* assays for radiocopper complexes achieving reliable and comparable evaluation of *in vivo* stability

RSC Adv. **2014**, *4*, 10157-10164.

K. Pombo-García, K. Zarschler, J. A. Barreto, L. Spiccia, H. Stephan, B. Graham

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(Cover Picture)

K. Zarschler, K. Prapainop, E. Mahon, M. Bramini, P. Kelly, H. Stephan, K. A. Dawson
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K. Viehweger, L. Barbaro, K. Pombo-García, T. Joshi, G. Geipel, J. Steinbach, H. Stephan, L. Spiccia, B. Graham
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Eur. J. Inorg. Chem. **2013**, 1585-1594.

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A. Melani, F. Corti, H. Stephan, C. E. Müller, C. Donati, P. Bruni, M. G. Vannucchi, F. Pedata
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Adv. Mater. **2011**, 23, H18-H40.

(Inside cover picture)

A. Röhrich, R. Bergmann, A. Kretschmann, S. Noll, J. Pietzsch, J. Steinbach, H. Stephan

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M. Walther, M. Matterna, S. Juran, S. Fähnemann, H. Stephan, W. Kraus, F. Emmerling

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J. A. Barreto, M. Matterna, B. Graham, H. Stephan, Leone Spiccia

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