

## List of publications 2018

List of proteomics centred/related publications with involvement of GPF members. GPF authors are labeled as bold type. Publications headed by authors from scientific groups of the GC (first or last author) are additionally labeled with ❖.

1. Aksu M., Pleiner T., Karaca S., Kappert C., Dehne H.J., Seibel K., **Urlaub H.**, Bohnsack M.T. & Görlich D. (2018) Xpo7 is a broad-spectrum exportin and a nuclear import receptor. *J Cell Biol*, 217, 2329-2340. ❖
2. Ambrozkiwicz M.C., Schwark M., Kishimoto-Suga M., Borisova E., Hori K., Salazar-Lázaro A., Rusanova A., Altas B., Piepkorn L., Bessa P., Schaub T., Zhang X., Rabe T., Ripamonti S., Rosário M., Akiyama H., **Jahn O.**, Kobayashi T., Hoshino M., Tarabykin V. & Kawabe H. (2018) Polarity Acquisition in Cortical Neurons Is Driven by Synergistic Action of Sox9-Regulated Wwp1 and Wwp2 E3 Ubiquitin Ligases and Intronic miR-140. *Neuron*, 100, 1097-1115 e1015. ❖
3. Apweiler R., **Beissbarth T.**, Berthold M.R., Bluthgen N., Burmeister Y., Dammann O., Deutsch A., Feuerhake F., Franke A., Hasenauer J., Hoffmann S., Hofer T., Jansen P.L., Kaderali L., Klingmüller U., Koch I., Kohlbacher O., Kuepfer L., Lammert F., Maier D., Pfeifer N., Radde N., Rehm M., Roeder I., Saez-Rodriguez J., Sax U., Schmeck B., Schuppert A., Seilheimer B., Theis F.J., Vera J. & Wolkenhauer O. (2018) Whither systems medicine? *Exp Mol Med*, 50, e453.
4. Baade I., Spillner C., **Schmitt K.**, **Valerius O.** & Kehlenbach R.H. (2018) Extensive Identification and In-depth Validation of Importin 13 Cargoes. *Mol Cell Proteomics*, 17, 1337-1353. ❖
5. Batschkus S., Cingoz G., **Urlaub H.**, Miosge N., Kirschneck C., Meyer-Marcotty P. & **Lenz C.** (2018) A new albumin-depletion strategy improves proteomic research of gingival crevicular fluid from periodontitis patients. *Clin Oral Investig*, 22, 1375-1384. ❖
6. Behler J., Sharma K., Reimann V., Wilde A., **Urlaub H.** & Hess W.R. (2018) The host-encoded RNase E endonuclease as the crRNA maturation enzyme in a CRISPR-Cas subtype III-Bv system. *Nat Microbiol*, 3, 367-377.
7. Blaschke M., Koepf R., **Lenz C.**, Kruppa J., Jung K., Siggelkow H. (2018) Crohn's disease patient serum changes protein expression in a human mesenchymal stem cell model in a linear relationship to patients' disease stage and to bone mineral density. *J Clin Transl Endocrinol*, 13, 26-38. ❖
8. Blazquez R., Wlochowitz D., Wolff A., Seitz S., Wachter A., Perera-Bel J., Bleckmann A., **Beissbarth T.**, Salinas G., Riemenschneider M.J., Proescholdt M., Evert M., Utpatel K., Siam L., Schatlo B., Balkenhol M., Stadelmann C., Schildhaus H.U., Korf U., Reinz E., Wiemann S., Vollmer E., Schulz M., Ritter U., Hanisch U.K. & Pukrop T. (2018) PI3K: A master regulator of brain metastasis-promoting macrophages/microglia. *Glia*, 66, 2438-2455. ❖
9. Bohnenberger H., Kaderali L., Ströbel P., Yepes D., Plessmann U., Dharia N.V., Yao S., Heydt C., Merkelbach-Bruse S., Emmert A., Hoffmann J., Bodemeyer J., Reuter-Jessen K., Lois A.M., Dröge L.H., Baumeister P., Walz C., Biggemann L., Walter R., Häupl B., Comoglio F., Pan K.T., Scheich S., **Lenz C.**, Küffer S., Bremmer F., Kitz J., Sitte M., **Beissbarth T.**, Hinterthaler M., Sebastian M., Lotz J., Schildhaus H.U., Wolff H., Danner B.C., Brandts C., Buttner R., Canis M., Stegmaier K., Serve H., **Urlaub H.**

- & Oellerich T. (2018) Comparative proteomics reveals a diagnostic signature for pulmonary head-and-neck cancer metastasis. *EMBO Mol Med*, 10. ❖
- **Bohrer, R.**, Sommer, H.-G., Wülfing, E. (2018) Wer sucht, der findet – die neuen Webseiten zur Bioinformatik-Software bei der GWDG. In: GWDG-Nachrichten, 5, 10-12. ❖
10. Braun J., Fischer S., Xu Z.Z., Sun H., Ghoneim D.H., Gimbel A.T., Plessmann U., **Urlaub H.**, Mathews D.H. & Weigand J.E. (2018) Identification of new high affinity targets for Roquin based on structural conservation. *Nucleic Acids Res*, 46, 12109-12125.
  11. Breunig C., Erdem N., Bott A., Greiwe J.F., Reinz E., Bernhardt S., Giacomelli C., Wachter A., Kanthelhardt E.J., **Beissbarth T.**, Vetter M. & Wiemann S. (2018) TGFbeta1 regulates HGF-induced cell migration and hepatocyte growth factor receptor MET expression via C-ets-1 and miR-128-3p in basal-like breast cancer. *Mol Oncol*, 12, 1447-1463.
  12. Brüning L., Hackert P., Martin R., Davila Gallesio J., Aquino G.R.R., **Urlaub H.**, Sloan K.E. & Bohnsack M.T. (2018) RNA helicases mediate structural transitions and compositional changes in pre-ribosomal complexes. *Nat Commun*, 9, 5383. ❖
  13. Buddeweg A., Sharma K., **Urlaub H.** & Schmitz R.A. (2018) sRNA41 affects ribosome binding sites within polycistronic mRNAs in *Methanosarcina mazei* Go1. *Mol Microbiol*, 107, 595-609.
  14. Bui T.T., Harting R., Braus-Stromeyer S.A., Tran V.T., Leonard M., Hofer A., Abelman A., Bakti F., **Valerius O.**, Schluter R., Stanley C.E., Ambrosio A. & Braus G.H. (2018) *Verticillium dahliae* transcription factors Som1 and Vta3 control microsclerotia formation and sequential steps of plant root penetration and colonisation to induce disease. *New Phytol*, 221, 2138-2159. ❖
  15. Buskin A., Zhu L., Chichagova V., Basu B., Mozaffari-Jovin S., Dolan D., Droop A., Collin J., Bronstein R., Mehrotra S., Farkas M., Hilgen G., White K., Pan K.T., Treumann A., Hallam D., Bialas K., Chung G., Mellough C., Ding Y., Krasnogor N., Przyborski S., Zwolinski S., Al-Aama J., Alharthi S., Xu Y., Wheway G., Szymanska K., McKibbin M., Inglehearn C.F., Elliott D.J., Lindsay S., Ali R.R., Steel D.H., Armstrong L., Sernagor E., **Urlaub H.**, Pierce E., Lührmann R., Grellscheid S.N., Johnson C.A. & Lako M. (2018) Disrupted alternative splicing for genes implicated in splicing and ciliogenesis causes PRPF31 retinitis pigmentosa. *Nat Commun*, 9, 4234.
  16. de Moura T.R., Mozaffari-Jovin S., Szabo C.Z.K., Schmitzova J., Dybkov O., Cretu C., Kachala M., Svergun D., **Urlaub H.**, Lührmann R. & Pena V. (2018) Prp19/Pso4 Is an Autoinhibited Ubiquitin Ligase Activated by Stepwise Assembly of Three Splicing Factors. *Mol Cell*, 69, 979-992 e976.
  17. Dickmanns A., Zschiedrich C.P., Arens J., Parfentev I., Gundlach J., Hofele R., Neumann P., **Urlaub H.**, Görke B., Ficner R. & Stülke J. (2018) Structural basis for the regulatory interaction of the methylglyoxal synthase MgsA with the carbon flux regulator Crh in *Bacillus subtilis*. *J Biol Chem*, 293, 5781-5792. ❖
  18. **Dihazi H.**, **Asif A.R.**, **Beissbarth T.**, **Bohrer R.**, **Feussner K.**, Feussner I., **Jahn O.**, **Lenz C.**, **Majcherczyk A.**, **Schmidt B.**, **Schmitt K.**, **Urlaub H.** & **Valerius O.** (2018) Integrative omics - from data to biology. *Expert Rev Proteomics*, 15, 463-466. ❖
  19. Eidizadeh A., **Asif A.R.**, von Ahsen N., Binder L. & Schnelle M. (2018) Differences in procalcitonin measurements between three BRAHMS-partnered immunoassays (Liaison, Elecsys and Architect). *Clin Chem Lab Med*. ❖

20. Fornasiero E.F., Mandad S., Wildhagen H., Alevra M., Rammner B., Keihani S., Opazo F., Urban I., Ischebeck T., Sakib M.S., Fard M.K., Kirli K., Centeno T.P., Vidal R.O., Rahman R.U., Benito E., Fischer A., Dennerlein S., Rehling P., Feussner I., Bonn S., Simons M., **Urlaub H.** & Rizzoli S.O. (2018) Precisely measured protein lifetimes in the mouse brain reveal differences across tissues and subcellular fractions. *Nat Commun*, 9, 4230. ❖
21. Fromme J.E., Schmitz K., Wachter A., Grzelinski M., Zielinski D., Koppel C., Conradi L.C., Homayounfar K., Hugo T., Hugo S., Lukat L., Rüschoff J., Ströbel P., Ghadimi M., **Beissbarth T.**, Reuter-Jessen K., Bleckmann A. & Schildhaus H.U. (2018) FGFR3 mRNA overexpression defines a subset of oligometastatic colorectal cancers with worse prognosis. *Oncotarget*, 9, 32204-32218. ❖
22. Haselbach D., Komarov I., Agafonov D.E., Hartmuth K., Graf B., Dybkov O., **Urlaub H.**, Kastner B., Lührmann R. & Stark H. (2018) Structure and Conformational Dynamics of the Human Spliceosomal B(act) Complex. *Cell*, 172, 454-464 e411. ❖
23. Hu Y., Gaedcke J., Emons G., **Beissbarth T.**, Grade M., Jo P., Yeager M., Chanock S.J., Wolff H., Camps J., Ghadimi B.M. & Ried T. (2018) Colorectal cancer susceptibility loci as predictive markers of rectal cancer prognosis after surgery. *Genes Chromosomes Cancer*, 57, 140-149. ❖
24. Hünlich M., Lubos E., Beuthner B.E., Puls M., Bleckmann A., **Beissbarth T.**, Tichelbäcker T., Rudolph V., Baldus S., Schäfer U., Treede H., Von Bardeleben R.S., Blankenberg S. & Schillinger W. (2018) Acute and Long-Term Hemodynamic Effects of MitraClip Implantation on a Preexisting Secondary Right Heart Failure. *Biomed Res Int*, 2018, 6817832. ❖
25. Johannsson S., Neumann P., Wulf A., Welp L.M., Gerber H.D., Krull M., Diederichsen U., **Urlaub H.** & Ficner R. (2018) Structural insights into the stimulation of *S. pombe* Dnmt2 catalytic efficiency by the tRNA nucleoside queuosine. *Sci Rep*, 8, 8880. ❖
26. Kitz J., Fokas E., **Beissbarth T.**, Strobel P., Wittekind C., Hartmann A., Ruschoff J., Papadopoulos T., Rösler E., Ortloff-Kittredge P., Kania U., Schlitt H., Link K.H., Bechstein W., Raab H.R., Staib L., Germer C.T., Liersch T., Sauer R., Rödel C., Ghadimi M. & Hohenberger W. (2018) Association of Plane of Total Mesorectal Excision With Prognosis of Rectal Cancer: Secondary Analysis of the CAO/ARO/AIO-04 Phase 3 Randomized Clinical Trial. *JAMA Surg*, 153, e181607. ❖
27. Kolog Gulko M., Heinrich G., Gross C., Popova B., **Valerius O.**, Neumann P., Ficner R. & Braus G.H. (2018) Sem1 links proteasome stability and specificity to multicellular development. *PLoS Genet*, 14, e1007141. ❖
28. Kretschmar F.K., Mengel L.A., Müller A.O., **Schmitt K.**, Blersch K.F., **Valerius O.**, Braus G.H. & Ischebeck T. (2018) PUX10 Is a Lipid Droplet-Localized Scaffold Protein That Interacts with CELL DIVISION CYCLE48 and Is Involved in the Degradation of Lipid Droplet Proteins. *Plant Cell*, 30, 2137-2160. ❖
29. Kristof K., Büttner B., Grimm A., Mewes C., Schmack B., Popov A.F., Ghadimi M., **Beissbarth T.**, Hinz J., Bergmann I. & Mansur A. (2018) Anaemia requiring red blood cell transfusion is associated with unfavourable 90-day survival in surgical patients with sepsis. *BMC Res Notes*, 11, 879. ❖
30. Lavdovskaia E., Kolander E., Steube E., Mai M.M., **Urlaub H.** & Richter-Dennerlein R. (2018) The human Obg protein GTPBP10 is involved in mitoribosomal biogenesis. *Nucleic Acids Res*, 46, 8471-8482. ❖
31. Lipphardt M., **Dihazi H.**, Müller G.A. & Goligorsky M.S. (2018) Fibrogenic Secretome of Sirtuin 1-Deficient Endothelial Cells: Wnt, Notch and Glycocalyx Rheostat. *Front Physiol*, 9, 1325. ❖

32. Lipphardt M., Song J.W., Ratliff B.B., **Dihazi H.**, Müller G.A. & Goligorsky M.S. (2018) Endothelial dysfunction is a superinducer of syndecan-4: fibrogenic role of its ectodomain. *Am J Physiol Heart Circ Physiol*, 314, H484-H496. ❖
33. Lüke F., Blazquez R., Yamaci R.F., Lu X., Pregler B., Hannus S., Menhart K., Hellwig D., Wester H.J., Kropf S., Heudobler D., Grosse J., Moosbauer J., Hutterer M., Hau P., Riemenschneider M.J., Bayerlová M., Bleckmann A., Polzer B., **Beissbarth T.**, Klein C.A. & Pukrop T. (2018) Isolated metastasis of an EGFR-L858R-mutated NSCLC of the meninges: the potential impact of CXCL12/CXCR4 axis in EGFRmut NSCLC in diagnosis, follow-up and treatment. *Oncotarget*, 9, 18844-18857. ❖
34. Maass F., Michalke B., **Leha A.**, Boerger M., Zerr I., Koch J.C., Tönges L., Bähr M. & Lingor P. (2018) Elemental fingerprint as a cerebrospinal fluid biomarker for the diagnosis of Parkinson's disease. *J Neurochem*, 145, 342-351. ❖
35. Maier L.K., Stachler A.E., Brendel J., Stoll B., Fischer S., Haas K.A., Schwarz T.S., Alkhnbashi O.S., Sharma K., **Urlaub H.**, Backofen R., Gophna U. & Marchfelder A. (2018) The nuts and bolts of the Haloferax CRISPR-Cas system I-B. *RNA Biol*, 1-12.
36. Mandad S., Rahman R.U., Centeno T.P., Vidal R.O., Wildhagen H., Rammner B., Keihani S., Opazo F., Urban I., Ischebeck T., Kirli K., Benito E., Fischer A., Yousefi R.Y., Dennerlein S., Rehling P., Feussner I., **Urlaub H.**, Bonn S., Rizzoli S.O. & Fornasiero E.F. (2018) The codon sequences predict protein lifetimes and other parameters of the protein life cycle in the mouse brain. *Sci Rep*, 8, 16913. ❖
37. Mariappan A., Soni K., Schorpp K., Zhao F., Minakar A., Zheng X., Mandad S., Macheleidt I., Ramani A., Kubelka T., Dawidowski M., Golfmann K., Wason A., Yang C., Simons J., Schmalz H.G., Hyman A.A., Aneja R., Ullrich R., **Urlaub H.**, Odenthal M., Buttner R., Li H., Sattler M., Hadian K. & Gopalakrishnan J. (2018) Inhibition of CPAP-tubulin interaction prevents proliferation of centrosome-amplified cancer cells. *EMBO J*, 38.
38. Masanta W.O., Zautner A.E., Lugert R., Bohne W., Gross U., **Leha A.**, Dakna M. & **Lenz C.** (2018) Proteome Profiling by Label-Free Mass Spectrometry Reveals Differentiated Response of *Campylobacter jejuni* 81-176 to Sublethal Concentrations of Bile Acids. *Proteomics Clin Appl*, e1800083. ❖
39. Mewes C., Büttner B., Hinz J., Alpert A., Popov A.F., Ghadimi M., **Beissbarth T.**, Tzvetkov M., Shen-Orr S., Bergmann I. & Mansur A. (2018) The CTLA-4 rs231775 GG genotype is associated with favorable 90-day survival in Caucasian patients with sepsis. *Sci Rep*, 8, 15140. ❖
40. Mühlhausen S., Schmitt H.D., Pan K.T., Plessmann U., **Urlaub H.**, Hurst L.D. & Kollmar M. (2018) Endogenous Stochastic Decoding of the CUG Codon by Competing Ser- and Leu-tRNAs in *Ascoidea asiatica*. *Curr Biol*, 28, 2046-2057 e2045. ❖
41. Oroz J., Chang B.J., Wysoczanski P., Lee C.T., Perez-Lara A., Chakraborty P., Hofele R.V., Baker J.D., Blair L.J., Biernat J., **Urlaub H.**, Mandelkow E., Dickey C.A. & Zweckstetter M. (2018) Structure and pro-toxic mechanism of the human Hsp90/PPIase/Tau complex. *Nat Commun*, 9, 4532. ❖
42. Özcan A., Pausch P., Linden A., Wulf A., Schühle K., Heider J., **Urlaub H.**, Heimerl T., Bange G. & Randau L. (2018) Type IV CRISPR RNA processing and effector complex formation in *Aromatoleum aromaticum*. *Nat Microbiol*, 4, 89-96.
43. Papathanasiou P., Erdmann S., Leon-Sobrinho C., Sharma K., **Urlaub H.**, Garrett R.A. & Peng X. (2018) Stable maintenance of the rudivirus SIRV3 in a carrier state in *Sulfolobus islandicus* despite activation of the CRISPR-Cas immune response by a second virus SMV1. *RNA Biol*, 1-9.

44. Perera-Bel J., Hutter B., Heining C., Bleckmann A., Fröhlich M., Fröhling S., Glimm H., Brors B. & **Beissbarth T.** (2018) From somatic variants towards precision oncology: Evidence-driven reporting of treatment options in molecular tumor boards. *Genome Med*, 10, 18. ❖
45. Ramani A., Mariappan A., Gottardo M., Mandad S., **Urlaub H.**, Avidor-Reiss T., Riparbelli M., Callaini G., Debec A., Feederle R. & Gopalakrishnan J. (2018) Plk1/Polo Phosphorylates Sas-4 at the Onset of Mitosis for an Efficient Recruitment of Pericentriolar Material to Centrosomes. *Cell Rep*, 25, 3618-3630 e3616.
46. Reschka E.J., Nordzike S., **Valerius O.**, Braus G.H. & Pöggeler S. (2018) A novel STRIPAK complex component mediates hyphal fusion and fruiting-body development in filamentous fungi. *Mol Microbiol*, 110, 513-532. ❖
47. Richter F., Dennerlein S., Nikolov M., Jans D.C., Naumenko N., Aich A., MacVicar T., Linden A., Jakobs S., **Urlaub H.**, Langer T. & Rehling P. (2018) ROMO1 is a constituent of the human presequence translocase required for YME1L protease import. *J Cell Biol*, 218, 598-614. ❖
48. Schlotawa L., Wachs M., Bernhard O., Mayer F.J., Dierks T., **Schmidt B.** & Radhakrishnan K. (2018) Recognition and ER Quality Control of Misfolded Formylglycine-Generating Enzyme by Protein Disulfide Isomerase. *Cell Rep*, 24, 27-37 e24. ❖
49. Singh S., Lämmle S., Giese H., Kammerer S., Meyer-Roxlau S., Alfar E.A., **Dihazi H.**, Guan K., El-Armouche A. & Richter F. (2018) The reduced activity of PP-1 $\alpha$  under redox stress condition is a consequence of GSH-mediated transient disulfide formation. *Sci Rep*, 8, 17711. ❖
50. Sonnleitner E., Wulf A., Campagne S., Pei X.Y., Wolfinger M.T., Forlani G., Prindl K., Abdou L., Resch A., Allain F.H., Luisi B.F., **Urlaub H.** & Bläsi U. (2018) Interplay between the catabolite repression control protein Crc, Hfq and RNA in Hfq-dependent translational regulation in *Pseudomonas aeruginosa*. *Nucleic Acids Res*, 46, 1470-1485.
51. Sprenger T., **Beissbarth T.**, Sauer R., Tschmelitsch J., Fietkau R., Liersch T., Hohenberger W., Staib L., Gaedcke J., Raab H.R., Rödel C. & Ghadimi M. (2018) Long-term prognostic impact of surgical complications in the German Rectal Cancer Trial CAO/ARO/AIO-94. *Br J Surg*, 105, 1510-1518. ❖
52. Stankova T., Piepkorn L., Bayer T.A., **Jahn O.** & Tirard M. (2018) SUMO1-conjugation is altered during normal aging but not by increased amyloid burden. *Aging Cell*, e12760. ❖
53. Stork L., Ellenberger D., **Beissbarth T.**, Friede T., Lucchinetti C.F., Brück W. & Metz I. (2018) Differences in the Responses to Apheresis Therapy of Patients With 3 Histopathologically Classified Immunopathological Patterns of Multiple Sclerosis. *JAMA Neurol*, 75, 428-435. ❖
54. Stringlis I.A., Yu K., **Feussner K.**, de Jonge R., Van Bentum S., Van Verk M.C., Berendsen R.L., Bakker P., Feussner I. & Pieterse C.M.J. (2018) MYB72-dependent coumarin exudation shapes root microbiome assembly to promote plant health. *Proc Natl Acad Sci U S A*, 115, E5213-E5222.
55. Thieme K.G., Gerke J., Sasse C., **Valerius O.**, Thieme S., Karimi R., Heinrich A.K., Finkernagel F., Smith K., Bode H.B., Freitag M., Ram A.F.J. & Braus G.H. (2018) Velvet domain protein VosA represses the zinc cluster transcription factor SciB regulatory network for *Aspergillus nidulans* asexual development, oxidative stress response and secondary metabolism. *PLoS Genet*, 14, e1007511. ❖

56. Tomas-Roig J., Piscitelli F., Gil V., Quintana E., Ramió-Torrentà L.L., Del Río J.A., Moore T.P., Agbemenyah H., Salinas G., Pommerenke C., Lorenzen S., **Beissbarth T.**, Hoyer-Fender S., Di Marzo V. & Havemann-Reinecke U. (2018) Effects of repeated long-term psychosocial stress and acute cannabinoid exposure on mouse corticostriatal circuitries: Implications for neuropsychiatric disorders. *CNS Neurosci Ther*, 24, 528-538. ❖
57. Uhlig J., Uhlig A., Kunze M., **Beissbarth T.**, Fischer U., Lotz J. & Wienbeck S. (2018) Novel Breast Imaging and Machine Learning: Predicting Breast Lesion Malignancy at Cone-Beam CT Using Machine Learning Techniques. *AJR Am J Roentgenol*, 211, W123-W131. ❖
58. Vos S.M., Farnung L., Boehning M., Wigge C., Linden A., **Urlaub H.** & Cramer P. (2018) Structure of activated transcription complex Pol II-DSIF-PAF-SPT6. *Nature*, 560, 607-612. ❖
59. Vos S.M., Farnung L., **Urlaub H.** & Cramer P. (2018) Structure of paused transcription complex Pol II-DSIF-NELF. *Nature*, 560, 601-606. ❖
60. Wallbach M., Züribig P., **Dihazi H.**, Müller G.A., Wachter R., Beige J., Koziolok M.J. & Mischak H. (2018) Kidney protective effects of baroreflex activation therapy in patients with resistant hypertension. *J Clin Hypertens (Greenwich)*, 20, 1519-1526. ❖
61. Werner A., Herzog B., Voigt O., **Valerius O.**, Braus G.H. & Pöggeler S. (2018) NBR1 is involved in selective pexophagy in filamentous ascomycetes and can be functionally replaced by a tagged version of its human homolog. *Autophagy*, 15, 78-97. ❖
62. Wolff A., Bayerlová M., Gaedcke J., Kube D. & **Beissbarth T.** (2018) A comparative study of RNA-Seq and microarray data analysis on the two examples of rectal-cancer patients and Burkitt Lymphoma cells. *PLoS One*, 13, e0197162. ❖
63. Wolff A., Perera-Bel J., Schildhaus H.U., Homayounfar K., Schatlo B., Bleckmann A. & **Beissbarth T.** (2018) Using RNA-Seq Data for the Detection of a Panel of Clinically Relevant Mutations. *Stud Health Technol Inform*, 253, 217-221. ❖
64. Wulf G., Hasenkamp J., Jung W., Wilhelm C., Held G., Nickelsen M., **Leha A.**, Pfreundschuh M., Schmitz N., Trümper L. & Glass B. (2018) Allogeneic stem cell transplantation for patients with relapsed or refractory T-cell lymphoma: efficacy of lymphoma-directed conditioning against advanced disease. *Bone Marrow Transplant*. ❖
65. Zaman U., **Urlaub H.** & Abbasi A. (2018) Protein Profiling of Non-model Plant *Cuminum cyminum* by Gel-Based Proteomic Approach. *Phytochem Anal*, 29, 242-249.