

Bibliography Dr. Jochen Imig

Key publications

- "Targeting an RNA-binding Protein Network in Acute Myeloid Leukemia", Wang, E., Lu, S.X., Pastore, A., Chen, X. **Imig, J.**, Chun-Wei, S. Lee, Ghebrechristos, Y.E., Yoshimi, A., Bitner, L., Kloetgen, A., Lin, K.T., Uehara, T., Owa, T., Tibes, R., Krainer, A.R., Abdel-Wahab, O.*, and Aifantis. I.*, **Cancer Cell**, 2019, Mar 18;35(3):369-384.e7, *equally,

- "MiR-CLIP capture of a miRNA targetome uncovers a lincRNA H19-miR- 106a interaction", **Imig, J.***, Brunschweiger, A.*, Brümmer, A., Guennewig, B., Mittal, N., Kishore, S., Gerber, A.P., Zavolan, M., and Hall, J., **Nat Chem Biol**, 2015 Feb;11(2):107-14; *equally

- "Stereochemical bias introduced during RNA synthesis modulates the pharmacological properties of phosphorothioate siRNAs", Jahns, H., Roos, M., **Imig, J.**, Baumann, F., Wang, Y., Gilmour R., and Hall, J., **Nat Comm**, 2015 Mar 6;6:6317

- "Epigenetic silencing of CDR1as drives IGF2BP3-mediated melanoma invasion and metastasis", Hanniford, D., Ulloa-Morales, A., Karz, A., Berzoti-Coelho, M.G., Moubarak, S.R., Sánchez-Sendra, B., Kloetgen, K., Davalos, V., **Imig, J.**, Wu, P., Vasudevaraja, V., Argibay, D., Lilja, K., Tabaglio, T., Monteagudo, C., Guccione, E., Tsigirgous, A., Osman, I., Aifantis. I., and Hernando, E., **Cancer Cell**, 2020, Volume 37, Issue 1, 55-70.e15

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1) "MINA-1 and WAGO-4 are part of regulatory network coordinating germ cell death and RNAi", Sendoel S., Subasic, S., Ducoli, L., Keller M., Michel M., Kohler, I., Singh, K. D., Zheng, X., Brümmer A., **Imig, J.**, Kishore, S., Kanitz A., Andres, A., Mittal, N., Wu, Y., Matia-González, A. M., Gerber. A., Zavolan Z., Aebersold. R., Hall, J., Allain. F.H.T., and Hengartner, M.O., **Cell Death Diff**, 2019, Oct;26(10):2157-2178.

2) "Epigenetic silencing of CDR1as drives IGF2BP3-mediated melanoma invasion and metastasis", Hanniford, D., Ulloa, A., Sánchez-Sendra, B., Karz, A., Moubarak, R., Tabaglio, T., Berzoti-Coelho, M.G., Davalos, V., Wu, P., Vasudevaraja, V., Lilja,

K., **Imig, J.**, Kloetgen, K., Monteagudo, C., Guccione, E., Osman, I., Aifantis. I., and Hernando, E., **Cancer Cell**, 2019, **accepted**

- 3) "Anti-HIV Replicative Effect of Small Molecule Enoxacin by Modulation of Pro-viral miR-132", **Imig, J.***, Lightfoot, H. J.*, Schlösser, V., Vongrad, V., Leemann, C., Brunschweiler, A., Hall, J.# and Metzner, K. J.#, **under preparation**, #,* equally

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- 4) "Post-transcriptional control of executioner caspases by RNA-binding proteins", Subasic, D., Stoeger, T., Eisenring, S., Matia-Gonzalez, A. M., **Imig, J.**, Zheng, X., Xiong, L., Gisler, P., Eberhard, R., Holtackers, R., Gerber, A.P., Pelkmans, L., Hengartner, M.O., **Genes Dev**, 2016 Oct 1;30(19):2213-2225.

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- 5) "Cooperative target mRNA destabilization and translation inhibition by miR-58 microRNA family in *C. elegans*", Subasic, D., Brümmer, A., Wu, Y., Pinto, S. M., **Imig, J.**, Keller, M., Jovanovic, M., Lightfoot, H. L., Nasso, S., Goetze, S., Brunner, E., Hall, J., Aebersold, R., Zavolan, M. and Hengartner, M. O., **Genome Res.**, 2015, Jul 31. pii: gr.183160.114
- 6) „HIV-1 RNAs are not part of the Argonaute 2 associated RNA interference pathway in macrophages", **Imig, J.***, Vongrad, V.*, Mohammadi, P.*, Kishore, S., Jaskiewicz, L., Hall, J., Günthard, H. F., Beerenwinkel, N., and Metzner, K. J.*; **Plos One**, 2015, Jul 30;10(7):e0132127, *equally

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- 7) "Expression of MAGE-C1/CT7 and selected cancer/testis antigens in ovarian borderline tumours and primary and recurrent ovarian carcinomas", Zimmermann, A.K., **Imig, J.**, Klar, A., Renner, C., Korol, D., Fink, D., Stadlmann, S., Singer, G., Knuth, A., Moch, H., Caduff, R., 2013, **Virchows Arch.**, May;462(5):565-74
- 8) "Systematic screens of proteins binding to synthetic microRNA precursors", Towbin, H., Wenter, P., Guennewig, B., **Imig, J.**, Zagalak, J.A., Gerber, A.P. and Hall, J., 2013, **Nucleic Acids Res.**, Feb 1;41(3):e47

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- 9) "The Expression Levels of MicroRNA-361-5p and Its Target VEGFA Are Inversely Correlated in Human Cutaneous Squamous Cell Carcinoma", Kanitz, A., **Imig, J.**,

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- 10) "MicroRNA-142 is Mutated in About 20% of Diffuse Large B-Cell Lymphoma (DLBCL)", Kwanhian, W., Lenze, D., Alle, J., Motsch, N., Barth, S., Döll, C., **Imig, J.**, Hummel, M., Tinguely, M., Trivedi, P., Lulitanond, V., Meister, G., Renner C., Grässer, F.A., 2012, **Cancer Medicine**, Oct 2012, Vol 1, Issue 2, p i-ii, 105–288
- 11) "microRNA profiling of Epstein-Barr virus-associated NK/T cell lymphomas by deep sequencing", Motsch, N., Alles, J., **Imig, J.**, Zhu, JY., Barth, S., Reineke, T., Tinguely, M., Cogliatti, S., Dueck, A., Meister, G., Renner, C. and Grässer, F.A., Plos One, 2012, **PLoS One**, 2012;7(8):e42193. Epub 2012 Aug 3.
- 12) "RNA regulons and the RNA-protein interaction network", **Imig, J.**,* Kanitz, A.* and Gerber, A.P., review, **BioMol Concepts**, 2012, Vol 3, issue 5 (Oct 2012), pp. 395 - 486, *equally

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- 13) "Myc-mediated repression of microRNA-34a promotes high-grade transformation of B-cell lymphoma by dysregulation of FoxP1", Craig, V.J., Cogliatti, S.B., **Imig, J.**, Renner, C., Neuenschwander, S., Rehrauer, H., Schlapbach, R., Dirnhofer, S., Tzankov, A., Müller A., **Blood**, 2011, Jun 9;117 (23):6227-36

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- 14) "microRNA profiling in Epstein-Barr virus-associated B-cell lymphoma", Imig, J.*, Motsch N.*, Zhu JY, Barth, S., Okoniewski, M., Reineke T, Tinguely, M., Faggioni, A., Trivedi. P., Meister, G., Renner C., Grässer, F.A., **Nucleic Acids Res.** 2011 Mar, 39(5):1880-93, *equally
- 15) "Yeast-based identification of prostate tumor antigens provides an effective vaccine platform", Jung, V., Fischer, E., **Imig, J.**, Kleber, S., Nuber, N., Reinshagen, F., Kamradt, J., Grobholz R., Knuth, A., Renner, C., Wadle, A., **Anticancer Res.**, 2010, 30(3): 895-902

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- 16) "Allosteric activation of the protein kinase PDK1 with low molecular weight compounds", Engel, M., Hindie, V., Lopez-Garcia, L.A., Stroba, A., Schaeffer, F.,

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- 17) "Serological immune response to cancer testis antigens in patients with pancreatic carcinomas", Wadle, Kubuschok, **Imig, J.** et al.," **Int J Cancer.** 2006 Jul 1;119(1):117-25
- 18) "Epac activation converts cAMP from a proliferative into a differentiation signal in PC12 cells", Kiermayer, S., Biondi, R.M., **Imig, J.**, Plotz, G., Hauptenthal, J., Zeuzem, S. and Piiper, A., 2005, **Mol Biol Cell.** Dec;16(12):5639-48
- 19) "Characterization of Hap/BAG-1 variants as RP1 binding proteins with antiapoptotic activity", Wadle, A., Mischo, A., Henrich, P.P., Stenner-Liewen, F., Scherer, C., **Imig, J.**, Petersen, G., Pfreundschuh, M., Renner, C., **Int J Cancer.** 2005 Jun 28
- 20) „Serological identification of breast cancer related antigens from a Saccharomyces cerevisiae surface display library“, Wadle, A., Mischo, A., **Imig, J.**, Wüllner, B., Hensel, D., Wätzig, K., Neumann, F., Kubuschok, B., Schmidt, W., Old, L.J., Pfreundschuh, M., and Renner, C., **Int. J. Cancer** 2005 Oct 20;117 (1):104-13.

Summary impact factor all publications:

a. cumulative impact factor: **156.7**

b. composed as followed:

Journal	number papers	impact factor	cumulative impact factor
Genes Development	1	12.64	12.64
Cancer Cell	1	22.84	22.84
Cell Death Diff	1	8.18	8.18
Genome Research	1	14.63	14.63
Nucleic Acid Research	2	9.13	18.26
Plos One	3	3.2	9.6
Int. J. Cancer	3	5.08	15.24
Nature Chemical Biology	1	12.99	12.99
Nature Communications	1	11.47	11.47
Virchow Archives	1	2.65	2.65
Cancer Medicine	1	2.5	2.5
BioMol Concepts	1	0	0
EMBO J	1	10.43	10.43
Mol Biol Cell	1	4.08	4.08
Blood	1	10.45	10.45
Anticancer Research	1	1.82	1.82
sum	21	88.43	156.76

h-Index:

- c. **14** (source: Google Scholar) or **13** (source: Scopus, Thomson-Reuters), respectively