General Information

Name:	Prof. (Apl) Dr. rer. nat. Franz Oswald
Date of Birth:	21.05.1962
Gender:	Male
Address:	Department of Internal Medicine I, Ulm University Hospital Albert-Einstein-Allee 23, 89081 Ulm, Germany
Phone:	+49 731 500 44544
E-Mail:	franz.oswald@uni-ulm.de
Current Position:	Group Leader: “Molecular Mechanisms of Transcriptional Control”

Academic Education

1992	Diploma thesis at the Institute of Biochemistry, Munich
1987-1992	Study of Biology at the Ludwig-Maximilians University, Munich

Academic Degrees

2007	Viena legendi: Molecular Biology and Biochemistry at Ulm University; Mentor: Prof. Dr. Dr. Walter Knöchel
1993-1995	Doctoral thesis (Dr. rer. nat.) at the University (LMU) Munich, Germany, Institute of Biochemistry, Head: Prof. Ernst-Ludwig Winnacker and at the Max Delbrueck Center for Molecular Medicine, Berlin, Germany, Research Group Tumorgenetics, Mentor: Prof. Dr. Martin Lipp

Professional Experience

Since 2002	Principal Investigator, Group Leader “Molecular Mechanisms of Transcriptional Control” at the Department Internal Medicine I, Ulm, Germany; Director: Prof. Thomas Seufferlein
1996-2002	Research Scientist (Post-doc) at the Department Internal Medicine I, Ulm, Germany; Research group of PD. Dr. Roland Schmid
1996	Research Scientist (Post-doc) at the Max Delbrueck Center for Molecular Medicine, Berlin, Germany, Research Group Tumorgenetics, Prof. Dr. Martin Lipp.

Miscellanous

Awards, Honors, Positions:

1993-1995	PhD Fellowship by the State of Bavaria

Publications

1. Agrawal M, Schwarz P, Giaimo BD, Bedzhov I, Corbacioglu A, Weber D, Gaidzik VI, Jahn N, Rücker FG, Schroeder T, Kindler T, Wattad M, Götze K, Lübbert M, Salwender H, Ringhoffer M, Lange E, Koller E, Thol F, Heuser M, Ganser A, Bullinger L, Paschka P, Döhner H, Geiger H, Borggrefe T, Döhner K,* Oswald F.* Functional and clinical characterization of the alternatively spliced isoform AML1-ETO9a in adult patients with translocation t(8;21)(q22;q22.1) acute myeloid leukemia (AML). **Leukemia**. 2019 Aug 29. [Epub ahead of print] *Corresponding authors
2. Close V, Close W, Kugler SJ, Reichenzeller M, Yosifov DY, Bloehdorn J, Pan L, Tausch E, Westhoff M-A, Döhner H, Stilgenbauer S, Oswald F*, Mertens D*. FBXW7 mutations reduce binding of NOTCH1, leading 1 to cleaved NOTCH1 accumulation and target gene activation in CLL. **Blood**. 2019;133(8): 830-39. *Corresponding authors.
3. Thiel VN, Giaimo BD, Schwarz P, Soller K, Vas V, Bartkuhn M, Blatte TJ, Dohner K, Bullinger L, Borggrefe T, Geiger H, Oswald F. Heterodimerization of AML1/ETO with CBFbeta is required for leukemogenesis but not for myeloproliferation. **Leukemia**. 2017;31(11):2491-2502.
4. Oswald F*, Rodriguez P, Giaimo BD, Antonello ZA, Mira L, Mittler G, Thiel VN, Collins KJ, Tabaja N, Cizelsky W, Rothe M, Kühl SJ, Kühl M, Ferrante F, Hein K, Kovall RA, Dominguez M, Borggrefe

T. A phospho-dependent mechanism involving NCoR and KMT2D controls a permissive chromatin state at Notch target genes. **Nucleic Acids Res**. 2016;44(10):4703-20 *Corresponding author

5. Hein K, Mittler G, Cizelsky W, Kühl M, Ferrante F, Liefke R, Berger IM, Just S, Sträng JE, Kestler HA, Oswald F*, Borggrefe T*. Site-specific methylation of Notch1 controls the amplitude and duration of the Notch1 response. **Sci Signal**. 2015;8(369),ra30. *Corresponding authors
6. Wacker SA, Alvarado C, von Wichert G, Knippschild U, Wiedenmann J, Clauss K, Nienhaus GU, Hameister H, Baumann B, Borggrefe T, Knöchel W, Oswald F. RITA, a novel modulator of Notch signalling, acts via nuclear export of RBP-J. **EMBO J**. 2011;30(1):43-56.
7. Liefke R*, Oswald F*, Alvarado C, Ferres-Marco D, Mittler G, Rodriguez P, Dominguez M, Borggrefe T. Histone demethylase KDM5A is an integral part of the core Notch-RBP-J repressor complex. **Genes Dev**. 2010;24(6):590-601. *Equal contribution
8. Fuchs J*, Böhme S*, Oswald F*, Hedde PN, Krause M, Wiedenmann J, Nienhaus GU. A photoactivatable marker protein for pulse-chase imaging with superresolution. **Nat Methods**. 2010;7(8):627-30. *Equal contribution
9. Salat D, Liefke R, Wiedenmann J, Borggrefe T, Oswald F. ETO, but not leukemogenic fusion protein AML1/ETO, augments RBP-Jkappa/SHARP-mediated repression of Notch target genes. **Mol Cell Biol**. 2008;28(10):3502-12.
10. Oswald F, Kostezka U, Astrahantseff K, Bourteele S, Dillinger K, Zechner U, Ludwig L, Wilda M, Hameister H, Knöchel W, Liptay S, Schmid RM. SHARP is a novel component of the Notch/RBP-Jkappa signalling pathway. **Embo J**. 2002;21(20):5417-26.