

# Prof. Dr. Duyster, Justus

## General Information

Name: Duyster, Justus, Prof. Dr.

## Academic Education

1982 - 1989 Medicine, University of Freiburg, Germany

## Promotion and Habilitation

1987 - 1990 Medicine, University of Freiburg, Germany: Degree: Dr. med.

2002 Habilitation in Medicine, TU München

## Professional Career

1989 - 1991 Internal Resident, University Hospital Freiburg

1991 - 1992 Research Associate, Biochemical Institute, University Hospital Freiburg

1992 - 1994 Research Associate, Department of Biology, UCSD San Diego

1994 - 1996 Physician (Internal Resident), Charite Berlin Hospital at the Max-Delbrück Centrum

1996 - 1998 Physician (Internal Resident), University Hospital Ulm

1998 Physician (Fellow), Department Medicine III, TU Munich

2002 Consultant, Department Medicine III, TU Munich

2003 Deputy Clinical Director, Department Medicine III, TU Munich

2005 - 2012 C3 Professor, Department Medicine III, TU Munich

2012 - current Chair, Department of Hematology, Oncology and Stem Cell Transplantation, University Medical Center, Freiburg

2013 - current Medical Director, Comprehensive Cancer Center Freiburg (CCCF), Freiburg

## Board Certifications

2002 Board certification in Internal Medicine

2005 Board certification in Hematology/Oncology

## Research interests

Signal transduction of oncogenic tyrosine kinases in cancer. Clinical development of molecular therapies for malignant diseases. Mechanisms of resistance to chemotherapy and signal transduction inhibitors.

## Publications (5 selected publications)

1. Illert AL, Kawaguchi H, Antinozzi C, Bassermann F, Quintanilla-Martinez L, von Klitzing C, Hiwatari M, Peschel C, de Rooij DG, Morris SW, Barchi M, **Duyster, J.** (2012) Targeted inactivation of nuclear interaction partner of ALK disrupts meiotic prophase, **Development**, 139: 2523-2534.
2. Grundler R, Brault L, Gasser C, Bullock AN, Dechow T, Woetzel S, Pogacic V, Villa A, Ehret S, Berridge G, Spoo A, Dierks C, Biondi A, Knapp S, **Duyster J\***, Schwaller J\* (2009) (\*shared senior authorship) Dissection of PIM serine/threonine kinases in FLT3-ITD-induced leukemogenesis reveals PIM1 as regulator of CXCL12–CXCR4-mediated homing and migration, **J Exp Med.**, 206(9): 1957-70.

3. Miething C, Grundler R, Mugler C, Brero S, Hoepfl J, Speicher R, Ottmann O, Peschel C and **Duyster J** (2007) Retroviral insertional mutagenesis identifies RUNX genes involved in CML disease persistence under imatinib treatment, **PNAS.**, 104(11): 4594-9.
4. Bassermann F, von Klitzing C, Munch S, Bai RY, Kawaguchi H, Morris SW, Peschel C, **Duyster J** (2005) NIPA defines an SCF-type mammalian E3 ligase that regulates mitotic entry, **Cell.**, 122: 45-57.
5. Bai RY, Koester C, Ouyang T, Hahn SA, Hammerschmidt M, Peschel C, **Duyster J** (2002) SMIF, a Smad4-interacting protein that functions as a co-activator in TGFbeta signalling, **Nature Cell Biology**, 4: 181-190.