

## Prof. Dr. med. Björn Chapuy



### General Information

Name Prof. Dr. med. Björn Chapuy  
Date of birth June 12, 1977  
Gender/Family male, married, two daughters (4 & 4)

Work address University of Göttingen  
University Medical Center (UMG)  
Department of Hematology and Oncology  
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Current position Professor for Tumor Biology and Signal Transduction (W2tt), UMG

### Academic education

2001-2006 M.D. thesis, Dept. Biochemistry/Cell biology, UMG, Germany  
1997-2004 Medical School, UMG, Germany

### Scientific degrees

2012 Instructor in Medicine (Junior Faculty), Dana-Farber Cancer Institute and Harvard Medical School, Boston, MA, USA  
1993 Dr. med.; UMG, Germany  
2004 Final Medical Examination, UMG, Germany

### Scientific career

Since 2018 Professor of Tumor Biology and Signal Transduction (W2 tenure track), UMG, Germany  
2012 - 2018 Instructor in Medicine (Junior Faculty), Lymphoma Program am Dana-Farber Cancer Institute und Harvard Medical School, Boston, MA, USA  
Since 2009 Affiliated Member, Broad Institute, Cambridge, MA, USA  
2008 - 2012 Postdoctoral fellow with Prof. Dr. M. Shipp, Lymphoma Program, Dana-Farber Cancer Institute/Harvard Medical School (DFCI/HWS), Boston, MA, USA  
2004 - 2008 Research associate with Prof. Dr. G. Wulf, Department of Hematology and Oncology, UMG, Germany  
2004 - 2008 Combined residency and clinical fellowship in Hematology and Oncology, Department of Hematology and Oncology, UMG, Germany

### Additional Information

2018 Gilead Science Oncology Award winner  
Since 2017 Coordination team, Else Kröner-Fresenius MD Program (Promotionskolleg), UMG  
Since 2014 Frequent Ad hoc reviewer for *Cancer Discovery*, *Nature Communication*, *Blood*, *Leukemia*, *Embo J*, *Cancer Research*, *Blood Advances*, *Clinical Cancer Research*, *Hematologica*, etc.  
2016 Medical Oncology Translational Grant Award, DFCI/HWS  
2014 Claudia Adams Barr Award for Basic Cancer Research  
2012-2015 American Society of Hematology Achievement Award (each year)  
2008-2010 Research Fellowship, DFG  
2006 Junior Research Fellowship, UMG  
2006 M.D thesis "*summa cum laude*"

**10 most relevant publications out of 50 (h-index 35 | cumulative IF 661| 6468 citations):**

1. Aung T\*, **Chapuy B\*** (\*=equal contributions), Vogel D, Wenzel D, Oppermann M, Lahmann M, Weinlage T, Menck K, Hupfeld T, Koch R, Truemper L, Wulf GG. Exosomal evasion of humoral immunotherapy in aggressive B-cell lymphoma modulated by ATP-binding cassette transporter A3. *Proc Natl Acad Sci U S A*. 2011 Sep 13;108(37):15336-41.
2. Duan S\*, Cermak L\* , (\*=equal contributions), Pagan J, Rossi M, Francia di Celle P, **Chapuy B**, Shipp B, Chiarle R, Pagano M: The F-box protein FBXO11 targets BCL6 for degradation and is mutated in Diffuse Large B-Cell Lymphomas, leading to BCL6 stabilization. *Nature*. 2012 Jan 5;481(7379):90-3.
3. Monti S\*, **Chapuy B\*** (\*=equal contributions), Takeyama K, Rodig SJ, Hao Y, Yeda KT, Inguilizian H, Mermel C, Curie T, Dogan A, Kutok JL, Beroukim R, Neuberg D, Habermann T, Getz G, Kung AL, Golub TR, Shipp MA: Integrative Analysis Reveals an Outcome-associated and Targetable Pattern of p53 and Cell Cycle Deregulation in Diffuse Large B-cell Lymphoma. *Cancer Cell*. 2012 Sep 11;22(3):359-72.
4. **Chapuy B\***, McKeown MR\* (\*=equal contributions), Lin CY, Monti S, Roemer MG, Qi J, Rahl PB, Sun H, Yeda KT, Doench JG, Reichert E, Kung AL, Rodig SJ, Young RA, Shipp MA, Bradner JE: Discovery and Characterization of Super-Enhancer Associated Dependencies in Diffuse Large B-Cell Lymphoma. *Cancer Cell*. 2013 Dec 9;24(6):777-90.
5. Lane AA, **Chapuy B**, Lin CY, Tivey T, Li H, Townsend EC, van Bodegom D, Day TA, Wu S, Liu H, Yoda A, Alexe G, Schinze AC, Sullivan TJ, Malinge S, Taylor JE, Stegmaier K, Jaffe JD, Bustin M, te Kronnie G, Izraeli S, Harris M, Stevenson KE, Neuberg D, Silverman LB, Sallan SE, Bradner JE, Hahn WC, Crispino JD, Pellman D, Weinstock DM: Chr.21q22 triplication contributes to B cell transformation through HMGN1 and loss of H3K27me3. *Nat Genet*. 2014 Jun;46(6):618-23.
6. Ansell SM, Lesokhin AM, Borrello I, Halwani A, Scott EC, Gutierrez M, Schuster SJ, Millenson MM, Cattry D, Freeman GJ, Rodig SJ, **Chapuy B**, Ligon AH, Zhu L, Grosso JF, Kim SY, Timmerman JM, Shipp MA, Armand P. PD-1 Blockade with Nivolumab in Relapsed or Refractory Hodgkin's Lymphoma. *N Engl J Med*. 2015 Jan 22;372(4):311-9.
7. Karreth FA, Reschke M, Ruocco A, Ng C, **Chapuy B**, LéopoldV, Sjoberg M, Keane TM, Verma A, Ala U, Tay Y, Seitzer N, Bothmer A, Fung J, Langellotto F, Rodig SJ, Elemento O, Shipp MA, Adams DJ, Chiarle R, Pandolfi PP: The BRAF pseudogene functions as a competitive endogenous RNA and induces lymphoma in vivo. *Cell*. 2015 Apr 9;161(2):319-32.
8. **Chapuy B\***, Roemer MGM\*(\*=equal contributions), Stewart C, Tan Y, Abo RP, Zhang L, Dunford AJ, Meredith DM, Thorner AR, Jordanova ES, Liu G, Feuerhake F, Ducar MD, Illerhaus G, Gusenleitner D, Linden E, Sun HH, Homer H, Aono M, Pinkus GS, Ligon AH, Ligon K, Ferry, JA, Freeman G, van Hummelen P, Golub TR, Getz G, Rodig SJ, de Jong D, Monti S, Shipp MA: Targetable Genetic Features of Primary Testicular and Primary Central Nervous System Lymphomas. *Blood*. 2016 Feb 18;127(7):869-81.
9. **Chapuy B\***, Cheng H\* (\*=equal contributions), Watahiki A, Ducar MD, Tan Y, Chen L, Roemer MGM, Ouyang J, Christie AL, Zhang L, Gusenleitner D, Abo RP, Farinha P, von Bonin F, Thorner AR, Sun HH, Gascoyne RD, Pinkus GS, van Hummelen P, Wulf GG, Aster JC, Weinstock DM, Monti S, Rodig SJ, Wang Y, Shipp MA. Diffuse Large B-cell Lymphoma Patient-derived Xenograft Models Capture the Molecular and Biologic Heterogeneity of the Disease. *Blood*. 2016 May 5;127(18):2203-13.
10. **Chapuy B\***, Stewart C\*, Dunford A\* (\* denotes equal contribution), Kim J, Kamburov A, Redd R, Lawrence M, Roemer MGM, Li AJ, Ziepert M, Wala J, Ducar MD, Leshchiner I, Rheinbay E, Taylor-Weiner A, Coughlin C, Hess J, Pedamallu C, Livitz D, Rosenbrock D, Rosenberg M, Tracy A, Horn H, van Hummelen P, Feldman AL, Link BK, Novak AJ, Cerhan JR, Habermann TM, Siebert R, Rosenwald A, Thorner AR, Meyerson M, Golub TR, Beroukhim R, Wulf GG, Ott G, Rodig SJ, Monti S, Neuberg D, Loeffler M, Pfreundschuh M, Trümper L, Getz G\*, Shipp MA\*. Molecular Subtypes of Diffuse Large B-cell Lymphoma are Associated with Distinct Pathogenic Mechanisms and Outcomes. *Nat Med* 2018; 24(5):679-690.