

## CURRICULUM VITAE

**Juli 2021**

**Name:** Karl Welte  
**Date of Birth:** August 23, 1942  
**Place of Birth:** Tett nang, West Germany  
**Nationality:** German

### **Licensure and Certification:**

**1976** License as Physician (West Germany)  
**1984** License as Pediatrician (West Germany)  
**1985** Habilitation, Medical School Hannover, Germany

### **Post-Graduate/ Post-Doc positions:**

**1976-1979** University Children Hospital of the Free University Berlin  
**1979-1981** University Children Hospital, University Frankfurt (Main)  
**1981-1985** Research Associate, Dept. of Developmental Hematopoiesis (Head: Malcolm AS Moore), Memorial Sloan-Kettering Cancer Center, New York, NY

### **Staff and Faculty Positions:**

**1985-1987** Assistant Member, Head of Laboratory of Cytokine Biology, Assistant Attending, Department of Pediatrics, Memorial Sloan-Kettering Cancer Center, New York, N.Y., USA  
**1987 - 1993** Professor of Pediatrics, M.D., Ph.D., Attending Physician, Department of Pediatric Hematology and Oncology, Medical School Hannover, Germany

<b>1993 - 1997</b>	Professor of Special Pediatric Hematology and Oncology, Medical School Hannover, Germany
<b>1997 - 2008</b>	Head, Department of Pediatric Hematology and Oncology, Medical School Hannover, Germany
<b>1999 - 2003</b>	Member of the Senate of the Medical School Hannover
<b>2003 – 2007</b>	Dean of Research, Medical School Hannover, Germany
<b>2008 - 2014</b>	Member of the Board ("Hochschulrat") of the Medical School Hannover
<b>2008 - 2015</b>	Senior Professor of the Medical School Hannover, (Niedersachsenprofessur - Forschung 65 plus) Head of Department of Molecular Hematopoiesis
<b>Since October 2015</b>	Senior Professor at the University Tübingen, Dept. of Pediatric Hematology and Oncology

**Research Activities (all supported by grant funding):**

1. Molecular pathomechanisms of bone marrow failure syndromes
2. Molecular mechanisms of leukemogenesis
3. Granulocyte-Colony-Stimulating Factor (G-CSF): physiology and signaling pathways,
4. Treatment of patients with congenital neutropenias and chemotherapy induced neutropenias with G-CSF
5. Gene therapy in congenital bone marrow failure syndromes

**Honours and Awards:**

- 1986** Kind-Philipp-Prize for Leukemia Research, for the research on: "Granulocyte-Colony stimulating factor: In vitro and in vivo effects on normal and leukemic myeloid cells"
- 1989** Johann-Georg-Zimmermann-Prize for Cancer Research for the research on "Cytokines and Neoplasia"
- 1992** Prix Galien de la recherche Pharmaceutique, Brussels, Belgium
- 2000** Award for Excellency in recognition of distinguished contribution to the field of hematopoiesis, New York, USA
- 2005** Deutscher Krebshilfe Preis (German Cancer Award)
- 2010** Member of the German Academy of Science (Leopoldina)
- 2012** Honory Member of the German Society of Hematology and Oncology (DGHO)
- 2015** Henry M. Stratton Medal of the American Society of Hematology for the „groundbreaking work on the detection, purification, cloning, biology and the clinical use of G-CSF“

**Publications:**

Approx. 370 peer reviewed publications (see PubMed: Welte K)

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