

- **Name: Jan Cools**

- **Affiliation/Current Position:**

Professor, Center for Human Genetics, Faculty of Medicine, KU Leuven, Leuven, Belgium

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- **ICKSH2022 Presentation Title:**

Clonal Heterogeneity in Acute Lymphoblastic Leukemia

- **Educational Background:**

1992-1997 KU Leuven, Belgium: Engineer in cell & gene biotechnology: July 1997, magna cum laude

1997-2001 KU Leuven, Belgium: Doctor in the Medical Sciences (PhD degree obtained May 2001); supervisor: Prof. Marynen, Center for Human Genetics.

- **Professional Experiences:**

2001-2003 Postdoctoral fellow, laboratory of Prof. Gilliland, Harvard Medical School, Boston, MA, USA

2001-2005 Postdoctoral fellow, laboratory of Prof. Marynen, Center for Human Genetics, KU Leuven, Belgium

- **Main Scientific Publications:**

Cools J*, DeAngelo DJ* (*equal contribution), Gotlib J, Stover EH, Legare RD, Cortes J, Kutok J, Clark J, Galinsky I, Griffin JD, Cross NCP, Tefferi A, Malone J, Alam R, Schrier SL, Schmid J, Rose M, Vandenberghe P, Verhoef G, Boogaerts M, Wlodarska I, Kantarjian H, Marynen P, Coutre SE, Stone R, Gilliland DG. A tyrosine kinase created by fusion of the *PDGFRA* and *FIP1L1* genes is a therapeutic target of imatinib in idiopathic hypereosinophilic syndrome, *New England Journal of Medicine*, 2003; 348: 1201-1214.

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