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**Personal Information**

Name: Yannick Vervoort  
Born: Herentals, July 23<sup>d</sup>, 1991  
Nationality: Belgian  
Sex: Male  
Work Address: VIB Laboratory for Systems Biology  
and  
CMPG Group for Genetics and Genomics  
Bio-Incubator  
Gaston Geenslaan 1,  
3001 Heverlee  
Belgium  
email: yannick.vervoort@biw.vib-kuleuven.be  
Tel: + 32 (0) 496 91 56 48  
Lab Website: <http://www.kuleuven.be/verstrepen>



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**Current positions**

PhD student in Bioscience Engineering  
Research title: Identification of superior industrial yeasts using droplet microfluidics  
Funding: Fund Baillet-Latour

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**Studies**

University of Leuven, Belgium (KU Leuven)

2012-2014	M. Sc. In bio-engineering: Food technology	Magna cum laude
	Thesis: Characterization of the <i>Brettanomyces anomalus</i> $\beta$ -glucosidase enzyme for food bioflavoring	
2009-2012	B. Sc in bio-engineering: Food Technology	Cum Fructu

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**Awards**

2014	VBI Student Price: Best master thesis in Bioscience Engineering KU Leuven
2014	Royal Union of old brewing students KU Leuven: Best brewing thesis KU Leuven

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**Additional training**

2014	Presentation Skills (12 hours course)
2013	Course on Laboratory Animal Science (40 hours)
2012	Small business project (Vlajo)

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**Extra-Curricular Engagement**

2016-2017	Organization of VIBes PhD conference
2012-2013	Student Representative in student Council (Landbouwkring)
2010-2013	Group leader and leader of Boy Scouts 1st Kempen Herentals
2010-2013	Member of youth Council Herentals

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**Publications in peer-reviewed journals**

- Vervoort, Y., Herrera-Malaver, B., Mertens, S., Guadalupe Medina, V., Duitama, J., Michiels, L., Derdelinckx, G., Voordeckers, K. and Versterpen, K.J. Characterization of the recombinant *Brettanomyces anomalus*  $\beta$ -glucosidase and its applicability in ameliorating food flavours. Under Review
- Aslankoochi, E., Naser Rezaei, M., Vervoort, Y., Courtin, C.M. and Verstrepen, K.J. (2015) Glycerol production by fermenting yeast cells is essential for optimal bread dough fermentation. PLOS One 10(3): 13p

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**Poster presentations**

- Vervoort, Y., Wiederkehr, R.S., Stakenborg, T., Fiorini, P., Lagae, L. and Verstrepen, K.J. Beer on a chip: identification of superior ethanol tolerant industrial yeasts using droplet microfluidics. Belgian Brewing Conference. 20-25<sup>th</sup> September 2015, Kalamata, Greece
- Vervoort, Y., Wiederkehr, R.S., Stakenborg, T., Fiorini, P., Lagae, L. and Verstrepen, K.J. Beer on a chip: identification of superior ethanol tolerant industrial yeasts using droplet microfluidics. Belgian Brewing Conference. 6<sup>th</sup>-8<sup>th</sup> September 2015, Leuven, Belgium