

# CURRICULUM VITAE

## 1. General information

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## 2. Diploma

Ingénieur chimiste et des industries agricoles	1991	La plus grande distinction (> 90 %)	Gx-ABT
PhD in Agronomy and Biological engineering	1997	La plus grande distinction avec les félicitations du jury (> 95 %)	Gx-ABT

## 3. Academic positions

Full Professor Head of laboratory	Gx-ABT : laboratory of chemistry of natural molecules	01/01/2015-
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## 4. Main insitutional responsibilities

- Member of research council 2003-2009
- Member of the managing committee (2009- 2014)
- President of the master SAIV jury (2013- )
- President of the doctoral college (2013 -2015) : 322 Ph D students
- Manager of the analytical platform (2014-)
- President of the bachelor jury (2014-2018)
- President of the Agro-Bio-Chem Department (2015-2018)
- Head of Agro-Bio System Chemistry axis (2014-)
- Research council representative (University of Liège) (2019-)

## 5. Teachning activities

- General chemistry, 1st Bachelor (7 ECTS, 301 students 2018-2019)
- Solution chemistry, 1st Bachelor (7 ECTS, 301 students 2018-2019)
- Organic chemistry, 2ème Bachelor (4 ECTS, 160 students 2018-2019)
- Catalysis, 1st Master in Chemistry and bio-industry (2 ECTS, 21 students 2018-2019)
- Extraction, purification, characterization of natural molecules , 2<sup>nd</sup> Master in Chemistry and bio-industry (2 ECTS, 14 students 2018-2019)
- Flavor Analysis (Master MICA, 2 ECTS, 16 students 2018-2019)
- University certificate in Aroma and innovation (post-graduate course) 10 ECTS, 12 students 2018-2019

## 6. Research topics

- Extraction, purification, identification (GC-MS, LC-MS, IR, RMN), biosynthesis, hemisynthesis and valorization of plant secondary metabolites including essential oils and oxylipins for applications in agronomy or food industries
- Study of the role of VOCs in biological interactions and in agro food products, flavor, aroma, perfume

## 7. Research activities

- 169 peer review publications (ORBI)
- Author of 4 book chapters

- Promotion of 45 master thesis
- Promotion or co-promotion of 35 PhD thesis
- Mentoring of 15 post-doc scientists
- Partner of 15 research projects (FNRS, RW, ARC, WBI)
- Promotor of 27 research projects (FNRS, RW, ARC, WBI, ULg, companies)

## 8. Editorial activities

- Referee for
  - *BASE*
  - *Journal of Agricultural and Food Chemistry*
  - *Plant Physiology and Biochemistry*
  - *FEBS letters*
  - *Journal of Plant Physiology*
  - *Food Research International*
  - *Journal of Molecular catalysis B : enzymatic*
  - *Natural product research*
  - *BBA molecular and cell biology and lipids*
  - *Journal of essential oil research*
  - *Flavour and fragrance journal*
  - *Journal of natural products*
  - *Journal of experimental botany*
  - *Journal of essential oil bearing plants*
  - *Frontiers in Plant Science*

## 9. Other activities

- Cooperation projects in Southern countries mainly Africa (essential oils and other plant secondary metabolites)
- Evaluation of research project and cooperation projects (FWO, EU, INRA, ...)
- Consultant (aroma/flavor/essential oils/plant secondary metabolites)