

## Curriculum Vitae Dr. Johan Rollin

*Github:* <https://github.com/johrollin>

### Personal Data

|                   |                     |
|-------------------|---------------------|
| Title             | Dr.                 |
| First name        | Johan               |
| Name              | Rollin              |
| Current position  | Postdoctoral fellow |
| Identifiers/ORCID | 0000-0002-9564-7872 |

### Qualifications and Career

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|------------------|-------------------------------------------------------------------------------------------------------------------------|
| Degree programme | 2011-2014 Biology, BSc, Université de Nîmes, France<br>2014-2016 Bioinformatic, MSc, Université d'Aix-Marseille, France |
| Doctorate        | 2019-2023, Doctoral studies on bioinformatic analysis for plant virus detection, DNAVision/université de Liège, Belgium |
| Further stages   | 2016-2019 Engineer for the <u>LABGeM</u> team in Evry, France, to implement several tools for bacterial analysis.       |

### Engagement in the Research System

Mentoring of internships

Organisation of bioinformatics workshop for students and researchers (France and Belgium)

Coordination of international laboratories (bioinformatics) activities for the improvement of viral SNPs detection.

### Scientific Results

Lebas B, Adams I, Al Rwahnih M, Baeyen S, Bilodeau GJ, Blouin AG,...**Rollin J** et al. (2022) Facilitating the adoption of high-throughput sequencing technologies as a plant pest diagnostic test in laboratories: A step-by-step description. *EPPO Bulletin*, 52, 394– 418. <https://doi.org/10.1111/epp.12863>

Kutnjak D, Tamisier L, Adams I, Boonham N, Candresse T, Chiumenti M, De Jonghe K, Kreuze JF, Lefebvre M, Silva G, Malapi-Wight M, Margaria P, Mavrič Pleško I, McGreig S, Miozzi L, Remenant B, Reynard JS, **Rollin J**, Rott M, Schumpp O, Massart S, Haegeman A. (2021) A Primer on the Analysis of High-Throughput Sequencing Data for Detection of Plant Viruses. *Microorganisms*. 14;9(4):841. doi: 10.3390/microorganisms9040841.

Vallenet D, Calteau A, Dubois M, Amours P, Bazin A, Beuvin M, Burlot L, Bussell X, Fouteau S, Gautreau G, Lajus A, Langlois J, Planel R, Roche D, **Rollin J**, Rouy Z, Sabatet V, Médigue C. (2020) MicroScope: an integrated platform for the annotation and exploration of microbial gene functions through genomic, pangenomic and metabolic comparative analysis. *Nucleic Acids Res.* 8;48(D1):D579-D589. doi: 10.1093/nar/gkz926.