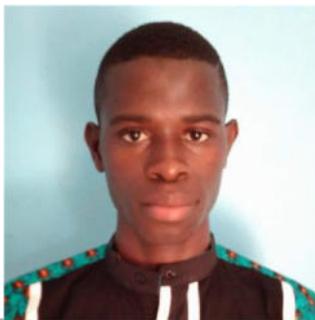


## DRAMANE DAGNOGO



**Adresse:** KORHOGO Rue A310

**Phone:** (0225) 65 24 96 02

**Email :** [dagnogod3@gmail.com](mailto:dagnogod3@gmail.com)

[dagnogod3@hotmail.com](mailto:dagnogod3@hotmail.com)



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## Research interests

I spent five years of study in the field of genetic and biotechnology applied following my research interest. I've developed a particular interest for biometric and biostatistics since my undergraduate year (2016).

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## Academic cursus

**2019:** Master in genetic and biotechnology applied in Université Peleforo Gon Coulibaly, mention very good.

« EVALUATION OF A THORACIC ANEURYSM TREATMENT PROCESS BY USING HIGH-THROUGHPUT SEQUENCING TECHNOLOGIES (RNA-SEQ) » this work was supervised by Dr DAGO and we use in this study the biostatistics method, genomic, proteomic methods and health science methods.

**2016:** License in genetic and biotechnology applied in Université Peleforo Gon Coulibaly, mention too good.

« ASSESSMENT OF CARDIOVASCULAR DISEASE SYMPTOMS RECURRENCE IN DISTRICT OF KORHOGO », supervised by Dr Noel D. DAGO. I had been initiated in R statistics tool utilization and research activities.

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## Scientific publications

**2020:** Normality Assessment of Several Quantitative Data Transformation Procedures (in attempt on *Biometric and Biostatistics journal*).

**25th May 2019:** Intercropping Agricultural Practices by Improving Maize Early Growth Process: A Bio-Statistical Approach, *Current Research in Biostatistics*

**23<sup>rd</sup> January 2019:** *Vitis vinifera* gene expression differential analysis assessing microarrays data preprocessing dynamism by RNA-Seq approach, *Journal of Bioinformatics and Sequence Analysis*.

## **Skills**

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I am fluent in R programming and a little level in python.

Fluent with office software

## **Funding and awards**

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- In my Master degree research, we found that several functions are activate in response to the process of thoracic aneurysm treatment by heart grafting like blood vessel morphogenesis and their development, anatomical structuration, tubes development, cells reorganization and angiogenesis. This analysis showed the recurrence and the association of genes TIE1 and DCN which respectively involved in angiogenesis process stabilization and collagen fibril assemblage. And this study obtains the best mark of the class.
- My undergraduate work permits to show that male and female hypertension patients developed the same symptoms and that people must do some medical exams at least once every year with a priority for heart echography to have a certitude of their health status.

## **Teaching experience**

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**2017-Nowaday:** I supervised and/or monitoring several ungraduated and/or Master student including data analyses, explanation of the results.

**2017:** supervised Master work (*Vitis vinifera* gene expression differential analysis assessing microarrays data pre-processing dynamism by RNA-Seq approach) of Ali Koné