

# HUB NEWSLETTER



## TABLE OF CONTENTS

<b><i>New Members</i></b>	<b><u>2</u></b>
<b><i>Recruitment</i></b>	<b><u>3</u></b>
<b><i>Tools - Web sites</i></b>	<b><u>4</u></b>
<b><i>Latest news</i></b>	
• <b><i>Courses - Data Integration</i></b>	<b><u>5</u></b>
• <b><i>Staff Representatives</i></b>	<b><u>6</u></b>
• <b><i>QVT Group</i></b>	<b><u>7</u></b>
• <b><i>OpenDesk- Webcampus</i></b>	<b><u>8</u></b>
• <b><i>Events</i></b>	<b><u>8</u></b>
<b><i>Summer Conferences</i></b>	<b><u>10</u></b>
<b><i>Publications</i></b>	<b><u>11</u></b>

Here is the new newsletter

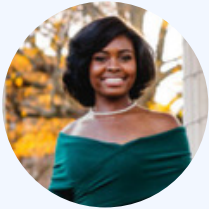
Enjoy your reading.

You can find previous editions on the [Research website in the dedicated section.](#)

*PS : all underlined texts are hyperlinks*



# NEW MEMBERS



**Jeliyah Clark**

Jeliyah joined us, on post-doc, 15/03/23 within SysBio pole.

**Location** : Yersin Building - 1st floor - office 06

**Poste** : 14 00



**Ruopeng Xie**

Ruopeng joined us, 28/04/23, for 3-moth intership supervised by Anna Zhukova

**Location** : Yersin Building - 2nd floor - office 24-02-05

# NEW IN YERSIN BUILDING



**Amine Ghozlane**

Amine joined us GENO pole. He works on French Gut project

**Location** : Yersin Building - 1st floor - office 06

**Day at office** : Monday, Tuesday, Wednesday

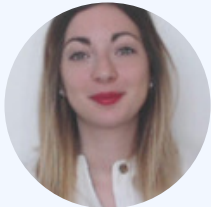


**Khalil Hebbachi**

Khalil comes from the Institut Pasteur in Algeria for 6 months. He is working on the [leiSHield](#) project (Gérald Spaeth's Unit)

**Location** : Yersin Building - 1st floor - office 09

**Day at office** : Every day except Thursday



**Maguelonne Roux**

Maguelonne works in "Milieu Intérieur" group .

**Location** : Yersin Building - 1st floor - office 09

**Day at office** : Thursday



**Mickaël Orgeur**

Mickaël works "Intergrated mycobacterial pathogenomics" lab.

**Location** : Yersin Building - 2nd Floor - office 05

**Day at office** : Thursday

Dear Detached Members, you can come in our offices in the Yersin Building.  
Please consult the [office allocation file available in Teams](#).

# RECRUITMENT 2023



The 2023 recruitment session at the Hub is over. It began in February 2023. Six positions were opened this year, including 3 permanent positions and a single position for the core Hub:

- Single-cell multi-omics integration [details](#)
- OMICs data analysis and integration [details](#)
- Metabolomics data analysis [details](#)
- NGS data analysis (epigenetic inheritance) [details](#)
- Viral genomics data analysis (respiratory viruses surveillance) [details](#)
- NGS data analysis and software development (sequencing platform) [details](#)

We received 81 applications for these positions and selected 20 people for interview sessions. In the end, only 18 people took part in the interviews. All positions have been filled. New members start arriving in July.

We would like to thank all Hub members who took part in this recruitment session (reviewers, jury members, etc.).

## FUTURS- MEMBERS

Here is the list of future members of the Hub with their arrival :

- **Kevin Da Silva, 03/07**, for the position *Viral genomics data analysis* (CNR Virus des infections respiratoires)
- **Rania Ouazahrou, 03/07**, for the position *NGS data analysis and software development (sequencing platform Biomics)*
- **Raphaël Tackx, 03/07**, for the position *IFB/ABRomics (WINTER)*
- **Daniele Capocéfalo, 04/09**, for the position *Analyse de données NGS data analysis epigenetic inheritance (G5 Machine Learning for integrative genomics)*
- **Arnaud Meng, in september**, for the position *Metabolomics data analysis (Metabolomics Core Facility)*
- **Nathalie Lehmann, in september/october**, for the position *OMICs data analysis and integration (SysBio)*



## COURSES



### Ecole de bioinformatique Aviesan-IFB-Inserm (EBAll)

*Bulk RNA-Seq, CHIP-Seq, variants : Visualisation & Intégration.*



4-9 june



Station biologique de Roscoff



<https://github.com/IFB-ElixirFr/EBAll/>



<https://ifb-elixirfr.github.io/EBAll/>



Inserm



### Best practices for reproducible bioinformatics data



5-6 and 12-13 june



Institut Pasteur, Paris



### Initiation to programmation with Python



14-16 et 21-22 june



Institut Pasteur, Paris



### Initiation UNIX & UNIX avanced



19-20 et 27-29 june



Institut Pasteur, Paris



### List of courses

[https://webcampus.pasteur.fr/jcms/c\\_380246/formations-sur-le-campus](https://webcampus.pasteur.fr/jcms/c_380246/formations-sur-le-campus)

## DATA INTEGRATION



Launch of the "Data Integration" transversal group within the Hub. This group will be led by Vincent Guillemot and will propose scientific activities around the themes of data integration.



Quarterly activities in the form of lectures, seminars or hackathons are planned. The full program of activities will be announced shortly.



We look forward to your interest and active participation in this cross-disciplinary group.

## STAFF REPRESENTATIVE

Following the last staff representative elections held in November 2022 (results availables on [Webcampus](#)), the list of CSE members has been modified (cf [CSE mandat 2023-2025](#))

Congratulations to the elected hub members (bellow in bold) !

### **1st college (agents, employees, technicians and supervisors)**

#### **Holders :**

Gaëlle CHAUVEAU LE FRIEC  
Frédéric FICHENICK  
Annie LANDIER - *treasurer*  
Julien TETAUD  
Corinne BALAYIRA  
Wassim LEJRI  
Anthony BODIN

#### **Substitutes:**

Maïté GOMARD  
Maurice ROSIERT  
Myriam GOMINET  
Nicolas GANGNEUX  
Hana JILANI-SALAH  
Muriel ALLEAU  
Malika HOCINE

#### **OREX representative :**

Olivier SPERANDIO  
Gérard PEHAU-ARNAUDET

#### **Union representative :**

- Nicolas ESCRIOU (**SPS**)
- Emma BRITO-FRAVALLO (**SPIP**)
- Guillain MIKATY (**STRP-CGT**)
- Mourad SEGHIR (**SYNAPCE**)

### **2nd college (managerial staff)**

#### **Holders :**

Emmanuel FRACHON - *secretary*  
Béatrice JACQUELIN  
Sébastien BRIER  
**Hélène LOPEZ-MAESTRE**  
**Yoann DUFRESNE**  
**Johann DREO**  
Christophe BATEJAT  
Sophie JARRIJON  
Franck BOURGADE - *deputy secretary*  
Cloé GIQUEL  
Christiane BOUCHIER  
Gilles DADAGLIO  
Françoise GUINET  
Sandra BOBICHON  
Philippe PEROT - *deputy treasurer*

#### **Substitutes :**

Alexandre CHENAL  
Sylviane HOOS  
Erwan POIVET  
Thierry FONTAINE  
Véronique HOURDEL  
Gauthier DULARY  
Fabrice BRISSE  
Mohand AIT-AHMED  
Valérie ESCANDE  
Pierre LAFAYE  
Marie FLAMAND  
Olivier CASSAR  
Hélène CHOMMY  
**Claudia CHICA**

The QVT-hub group, open to all members of the Hub, core and detached, is dedicated to reflection on the **Quality of Life at Work (Qualité de Vie au travail in french)**, with particular attention paid to harassment issues.

During our first meetings, we identified several objectives for the coming months.

- We have started drafting a charter for the Hub, in favor of a healthy working environment.
- In addition, we would like to launch a survey of all members to collect your testimonials, your suggestions, your ideas for improvement.
- We have also created a suggestion box where you can anonymously (or not) submit ideas or situations that you wish to discuss during our QVT-hub meetings (link : <https://framaforms.org/suggestions-qvt-hub-1679648018>)

**Don't hesitate to join us !**

**To contact us:**

- **Teams Channel "Qualité de Vie au Travail-Harcèlement" in the hub team :**  
<https://teams.microsoft.com/l/channel/19%3a93e1b7b2bd364bd78b29660a8011422b%40thread.tacv2/Qualit%25C3%25A9%2520de%2520Vie%2520au%2520Travail%2520-%2520Harc%25C3%25A8lements?groupId=20ec6ac5-96c5-4a71-a1be-395173bfa6a6&tenantId=096815dc-d9eb-4bc3-a5a3-53c77e7d34e2>
- **mailing list :** [qvt-hub@pasteur.fr](mailto:qvt-hub@pasteur.fr)
- **QVT group referent:**
  - Hélène Lopez-Maestre
  - Yoann Dufresne

*Hélène for the group QVT*

## OPENDESK

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Every Tuesday mornings from 10am to 12am, (Yersin Building , Ground Floor (24)), **each Hub member** participates in order to provide direct support to any **Pasteur Institute member**. **A Teams link is also available.** **If you are unable to take part, it your responsibility fo find a replacement.**

Questions received are reported in Hub Portal "[submit a question](#)".

**Don't forget to check your group and calendar on the [dedicated Research page](#).**

## WEBCAMPUS

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Now, the Hub has its own page on the *Webcampus* website.

This page is accessible from the page of the Direction of Technology, in the menu on the right, or [here](#).

## LUNCH BOX

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For those who do not yet have a lunch box, an order has been placed by Mélanie.

You can pick up your lunch box from Elodie (Yersin building - 1st floor - office 06)

## GALETTE PARTY

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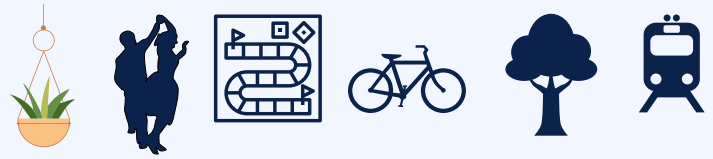
On March 21, Amaury organized a breton meal with plenty of "galettes-saucisses".





## HUB RETREAT

It took place on 1st and 2nd June.



Program :

- Visit to Provins (la Tour César and la Grange aux Dîmes).
- A variety of fun activities such as cycling, multi-challenge, board games, folk dancing, zumba, kokedama, blind test, pinball, walks, etc.
- Round tables et discussions.

These two days were much appreciated by all. Thank you all for your participation. This retreat will help move the hub forward towards greater cohesion and collaboration.

Additional thanks to the members of the organizing committee, for their generous and enthusiastic contribution to the preparation and realization of the team retreat:

- Thanks to Najwa and Andela for exploring and costing the horizon of possible activities.
- Thanks to Elise and Julia for leading the folk dance workshop with all their patience and kindness.
- Thanks to Emmanuelle for her communicative energy during the Zumba workshop.
- Thanks to Amaury for his passionate leadership of the board games workshop.
- Thanks to Elise and Juliette for organizing a convivial and festive blind test.
- Thanks to Pierre and Victoire for organizing and leading the round tables, with infectious enthusiasm.
- Thanks to Nicolas for taking part in the preparatory meetings.
- Thanks to Pascal for organizing the retreat and coordinating all the energy.



# SUMMER : CONFERENCES



## JOBIM June 27 - 30 2023 :

The "Journées Ouvertes en Biologie, Informatique et Mathématiques" (JOBIM) are an opportunity to discover scientific and technical advances in bioinformatics. This 2023 session will address many multidisciplinary fields.

For more than 20 years, JOBIM has been the annual event that federates French bioinformatics. The 2023 edition will be held on 6 sites in France and Canada from 27th to 30th June. The selected sites are: Montréal, Nancy, Nice, Pointe à Pitre, Plouzané et Tours.

### **Non-exhaustive list of participation by Hub members :**



Fabien Mareuil will be present at the Plouzané site and will present a poster on InDeep. Vincent Guillemot will also be present at the Nice site.



**31ST CONFERENCE ON Intelligent Systems For Molecular Biology** AND **THE 22nd European Conference On Computational Biology**  
**DATES: July 23 - 27**

## ISMB/ECCB July 23 -27 2023 :

ISMB/ECCB is the largest and most high profile annual meeting of scientists working in computational biology and provides an intense multidisciplinary forum for disseminating the latest developments in computational tools for data driven biological research. The conference's rigorous focus on computation and methodology coupled with outstanding biology is a must attend event of the year! ISMB/ECCB 2023 will spike your curiosity, deliver the latest research in the field, and allow you to connect, collaborate, and engage.

ISMB/ECCB 2023 will be held in-person at the Centre de Congrès de Lyon and virtually through ISCB's nucleus platform.

### **Non-exhaustive list of participation by Hub members:**



- Short talk "CCQTL: facilitating QTL mapping in the Collaborative Cross" (Rémi Planel, **Victoire Baillet**, Vincent Guillemot, Jean Jaubert, Christian Vosschenrich, Rachel Torchet, Marion Rincel, Pascal Campagne and Xavier Montagutelli)
- Poster "Leveraging multi-OMICs for a quantitative exploration of regulatory information" (Adrien Pain, Meije Mathé, Rachel Legendre, Victoire Baillet, Christine Chevalier, Jeanne Bigot, Mélanie Hamon, Viviane Balloy and Claudia Chica)
- Poster "Teaching bioinformatics to the new generation of scientists at Institut Pasteur" (Emmanuelle Permal, Emeline Perthame, Thomas Bigot, Stéphane Descorps-Declere, Vincent Guillemot and Marie-Agnès Dillies)



Néron B, Denise R, Coluzzi C, Touchon M, Rocha E, Abby S. **MacSyFinder v2: Improved modelling and search engine to identify molecular systems in genomes.** Peer Community Journal, Volume 3 (2023), article no. e28.

doi: [10.24072/pcjournal.250](https://doi.org/10.24072/pcjournal.250)

Lê-Bury P, Druart K, Savin C, Lechat P, Mas Fiol G, Matondo M, Bécavin C, Dussurget O, Pizarro-Cerdá J. **Yersiniomics, a Multi-Omics Interactive Database for Yersinia Species.**

doi: [10.1128/spectrum.03826-22](https://doi.org/10.1128/spectrum.03826-22)

Nievas F, Revale S, Foresto E, Carezzano ME, Primo E, Alzari P, Martínez M, Ben-Assaya M, Mornico D, Santoro M, Giordano W, Bogino P. **Whole-Genome Sequence of Burkholderia ambifaria Strain Q53, a Potential Plant Growth Promoter Isolated from the Rhizosphere of Peanut.** Microbiol Resour Announc. 2023 Apr 11.

doi: [10.1128/mra.00021-23](https://doi.org/10.1128/mra.00021-23)

Larotonda L, Mornico D, Khanna V, Bernal-Bayard J, Ghigo JM, Val ME, Comerci D, Mazel D, Soler-Bistué A. **Chromosomal Position of Ribosomal Protein Genes Affects Long-Term Evolution of Vibrio cholerae.** mBio. 2023 Mar 2.

doi: [10.1128/mbio.03432-22](https://doi.org/10.1128/mbio.03432-22)

Nekkab N, Obadia T, Monteiro WM, Lacerda MVG, White M, Mueller I. **Accelerating towards P. vivax elimination with a novel serological test-and-treat strategy: a modelling case study in Brazil.** The Lancet Regional Health - Americas 2023;22:100511.

doi:[10.1016/j.lana.2023.100511](https://doi.org/10.1016/j.lana.2023.100511).

Julia Kende, Massimiliano Bonomi, Sarah Temmam, Béatrice Regnault, Philippe Pérot, Marc Eloit, Thomas Bigot. **Virus Pop—Expanding Viral Databases by Protein Sequence Simulation.** Viruses, In press, 15 (6), pp.1227.

doi: [10.3390/v15061227](https://doi.org/10.3390/v15061227) HAL-pasteur : [pasteur-04106241](https://hal-pasteur.archives-ouvertes.fr/pasteur-04106241)

S. Lobentanzer, P. Aloy, J. Baumbach, B. Bohar, V. J. Carey, P. Charoentong, K. Danhauser, T. Doğan, J. Dreo, I. Dunham, E. Farr, A. Fernandez-Torras, B. M. Gyori, M. Hartung, C. Tapley Hoyt, C. Klein, T. Korcsmaros, A. Maier, M. Mann, D. Ochoa, E. Pareja-Lorente, F. Popp, M. Preusse, N. Probul, B. Schwikowski, B. Sen, M. T. Strauss, D. Turei, E. Ulusoy, D. Waltemath, J. A. H. Wodke & J. Saez-Rodriguez **Democratising Knowledge Representation with BioCypher,** Nature Biotechnology, 2023.

doi: [10.1038/s41587-023-01848-y](https://doi.org/10.1038/s41587-023-01848-y), HAL: [hal-04135813v1](https://hal.archives-ouvertes.fr/hal-04135813v1)