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|  **Pierre LECOCQ**PROFESSIONAL EXPERIENCE**+32 (0) 498/532496****Pierre.Lecocq@ngyx.eu** | OBJECTIVES**Biotech / Pharma / CRO****Clinical Research / Health Care / Diagnostics****Consultant / Support for/as****Molecular Biology / BioInformatics / BioStatistics****Only available 2-3 days a week / 1 day on site** |
| **1.1 2018SEP-2021DEC (current; successively 4+6+6+12+12 months) Consultant Freelancer at OncoDNA S.A.*****Key Responsibilities / Deliverables**** BioIT Projects and Teams Management inclusive Validations / successful Audit (Breast International Group) of OncoDNA BioIT Components involved in Products/Services/Applications.
* Regulatory Context: IVD Medical Device, Class C ISO 27001, ISO 13485, FDA Guidance for IVD Medical Device,…
* Scientific Context: Human Cancer Diagnostics, Primary & Meta tumors – Blood – Plasma samples, Immuno/Histo/Patho combined with Next Generation Sequencing (SNV, CNV, Genes Panels Variants Calling, Tumor Mutation Burden, Lost of Heterogeneity, Microsatellite Instability, etc.) Customers WEB interface.
* Management Context: Hybrid home brew combination of Waterfall / Agile (JIRA).

***Skills :*** BioIT applications: Perl / Perl Object Oriented/WIN32 :GUI, R / RStudio / R markdown, Python2-3, NGS Tools (e.g. Samtools, BWA,…). Validation/Verification of Software Packages (Project and Project Validation Plans, Technical Files, Procedures/Guidance /Work Instructions/ Templates, User Reqs, Risk Management, Change Control, Post Marketing Surveillance, etc.) |
| **2.2 2017SEP-2017NOV (3 months) Data Manager / BioStatistician / BioInformatician (internship) at Artialis S.A. 11, Avenue de l'Hôpital, Tour GIGA +3, 4000 Liège (Sart-Tilman), Belgium*****Key Responsibilities / Deliverables**** Data Management BioInformatics: Design, installation and validation (SOP/WI) of an application dedicated to paper CRFs data recording inclusive user access management & database creation (CDISK/CDASH compliant) and archiving / back-up.
* BioStatistics: Analyses of Clinical Studies COPRA / MOKHA (OsteoArthrosis field) datasets accordingly with protocol / Statistical Analysis Plan and beyond. And development of an application for sample sizing & randomization.

***Skills :*** Perl Object Oriented/WIN32 :GUI (windows applications), R / RStudio / R markdown (statistics: e.g. Wilcoxon signed paired test, normality assessment Shapiro-Wilk/Anderson-Darling, Linear regression modeling, etc.) Implementation and Validation of Software Package (inclusive SOPs/WIs). |
| **3.1 & 2.1 2016JAN-2016DEC (12 months) and 2018JAN-2018APR (4 months)****BioInformatics Support (Freelance Consultant)at CHU Liège (BE), Genetics Department (Pr. V. Bours)*****Key Responsibilities / Deliverables**** Genetic Diseases Diagnostics using Next Generation Sequencing data (Illumina).
* NIPT (Non Invasive Prenatal Testing for Aneuploidy (e.g. Trisomy 21; Audit BELAC support)
* Human Genomic Diseases (focused on Neuro/Onco CHU panel)
* Samples Traceability via SNPs (Single Nucleotide Polymorphism) identified using KASP Fluo (Komparative Allele Specific PCR; LGC group) and NGS Data. (Perl/Windows application).

***Skills :*** Linux Ubuntu, BWA/Samtools, etc. (NGS dedicated software packages), Perl & R. Design, Implementation and Validation of Software Packages (inclusive SOPs, WIs,… FDA Submission Ready Documentation). |
| **4.1 2002FEB-2013MAR (134 months)****Teams / Projects Leader/Manager at Janssen Diagnostics BVBA (JnJ Group), Beerse (BE)****Senior / Principal Scientist*****Key Responsibilities / Deliverables**** Leader of team in charge of the HIV-I Drug Resistance Diagnostics (VircoTYPE™) customers / internal service.
* Move from R&D tool to a fully validated Medical Device (for FDA submission).
* Leveraging performances by introducing Statistics.
* BioIT Team management.
* Leader of: (1) Roche 454-Sequencing for evaluation / validation for HIV-I Tropism, (2) "Virtual Virus" & (3) Biological Cut-Offs for VircoTYPE™
* Member / Ad hoc member Virco Management Commitee, Clinical Virology Team, FLU / HCV Teams.

***Skills :*** Project / Team / People managment, Regulatory /QA controlled environments, Computer Systems Validation (Perl, SAS). Numerous Publications, Posters **& 1 Patent** |
| **5.1 1997FEB-2002JAN (60 months)****Project Leader at Monsanto PBLC (Cambridge, UK) / Monsanto nvba (Corroy-Le-Grand, BE)****Scientist / Senior Scientist*****Key Responsibilities / Deliverables**** Leader for Promoter Discovery (Wheat Resistance To Fusarium; Creating Genetically Modified Organisms)
* Leader for High Throughput Data Generation / Mining (Automation / Robotics: Cloning, PCR, Sequencing, Micro/Macro Arrays, etc.).
* Member / Ad hoc member GMO Scientific Committee, Ethic Board, IP Team.

***Skills :*** High Throughput (Tecan, Beckmann, CoolPix, ABI 3770 wokflow unit). PERL & Expertise in Datamining. “Leads Discovery” course. Several Publications, Posters **& >30 Patented Wheat Promoters.** |
| **6.1 1989JUL -1997JAN (90 months)****Academic Researcher Lab. Mol. Biol. & Genetics, University of Liège, Liège (BE).****Junior Scientist / Scientist*****Key Responsibilities / Deliverables*** * 4 Years dedicated to PhD (follow-up of Master’s TFE). Granted by IRSIA/FRIA.
* Promoted as Leader of University DNA Sequencing Unit (creation/implementation /management/Customer service)
* Design and development of Biotech Tools eg. DNA Ladder SmartLadder (Eurogentec), Modified GFPs. In the frame of creating a Biotech company.

***Skills :*** Molecular Biology, Genomics, Bioinformatics (ancestral), Team management, Project Management, Entrepreneurial skills. Several Publications, Posters **& 2 BCCM – LMBP registered micro-organisms.** |

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| **A. 2017APR-2017JUN/2017OCT (3 months) + Internship (3 months)****Expert Clinical Studies: CEFOCHIM, Clinet( Seneffe BE)*****Content**** Working in clinical study sector: Drug development and clinical research, CRO/Pharma.
* Pre-clinical phase, Clinical development plan - Phases 1-4, Post-marketing surveillance.
* Medical and scientific writing ICF, CRF, IB, IMPD… and Reports
* Quality Assurance / Regulatory Affairs: Quality management in Clinical Research and Development, GMP/GLP/GCP, Good Storage and Distribution Practices; medical product registration, regulation in Agro-food, in Medical Devices. Marketing Authorization Application.
* CRA: Regulation (EMEA-Europe, Belgium) Introduction & Informed Consent, Site Identification & Site Selection Visit, Site Initiation Visit, Site Monitoring Visit.
* Data management initiation, advanced. Health economics, Biostatistics, Medical Affairs.
* Project Management fundamental, Clinical Project Management and Clinical protocol.
* Networks/Communication skills, Negotiation skills.

**GCP Certification** | **B. 2015SEP-2015DEC (3 months)****Bioinformatics Training Program (GIGA University of Liège, Liège BE)*****Content**** Bio-Linux (Ubuntu): Command Line, script/bash.
* Databases: SQLs, DB Creation (DB Main).
* Coding Methodology: Initiation -Advanced.
* Perl: Initiation - Advanced.
* R and Statistics: Initiation - Advanced.
* Omics: Next Generation Seq. Software Packages.

**C. 2013OCT-2014JAN (3 months)****Biostatistics Training Program (GIGA University of Liège, Liège BE)*****Content**** Statistics (basics), Programming Logic, Statistical Modelling.
* Jump, R, SAS: Initiation - Advanced. SAS Data Management.
* Multivariate Statistics.
* Case Studies R and Jump.- Biostatistics and Clinical Statistics.
* Measurement Errors, Quality Control, 6 Sigma.
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COURSES / TRAININGS / CERTIFICATIONS

EDUCATION / EXPERIENCE

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| * **1992** Bioinformatics methods for DNA and protein sequence analysis University of Liège, BE
* **1989-1993** Research associated to tentative PhD (follow-up of master). Granted by FRIA (IRSIA; 4 Years) and Télévie. Lauréat prix Léon Frédérique .
* **1984-1989** Master in Biochemistry (Industry orientation).Graduate thesis at “ Laboratoire de Biologie Moléculaire et Génie Génétique”, University of Liège, BE on “ Human Zinc Finger C2H2 Genes coding for Transcriptional Factors”.
* **1983-1986** City Council (Neupré, BE)
* **1983-1984** Hall Steward at RAMADA Inn (Liège, BE)
* **1982-1983** Accountant (Forem/Onem; Bruxelles, BE)
* **1982** Laborer (building) Réforme & Nizet (Liège, BE)
* **1977-1981**:1 & 2 Bacs Medecine (University of Liège, BE)
* **1971-1977**: Athénée Royal Mixte de Seraing (“AIR PUR”), section Latin-Math.
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LANGUAGES

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| **Language** | **ELAO level** | **Speaking** | **Writing** | **Reading** |
| **French** | **C2** | **+++++** | **+++++** | **+++++** |
| **English** | **B2** | **++++** | **++++** | **++++** |
| **German** | **A1** | **++** | **++** | **++** |
| **Dutch** | **A0** | **+** | **-** | **+** |

SOCIAL NETWORKS

**RESEARCHGATE:** <https://www.researchgate.net/profile/Pierre_Lecocq>

**FACEBOOK:** <https://www.facebook.com/pierre.lecocq.961>

**LINKEDIN:** <https://be.linkedin.com/in/pierre-lecocq-03526721>

**SKYPE:** piecoq23@RESTN.be

SKILLS/COMPETENCIES

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| **Personal aptitudes :*** Natural team player and people person
* Excellent organizational skills
* Flexibility and adaptability
* Strong analysis skills and capacity for synthesis
* Good listening and communication skills
* Results oriented
* Innovation, Creativity

**Quality*** **Certified GCP, familiar and used to work in strictly regulated environments (e.g.** GLP, CAP-CLIA, ISO, FDA / EMEA/New York State / ... Audits)
* Familiar with QA / QC /Regulatory affairs / Change Control / SOPs
* Used to Computer System Validation (e.g. Perl, SAS ) & Method/software performances validation
 | **Scientific skills:*** Molecular biology techniques: DNA/RNA extraction, cloning, mRNA differential display, DNA sequencing (NGS), qPCR, DNA library construction and screening
* Lab settings (Sequencing / Robotics-automation)
* Various R&D Fields: Human, Plants, Infectious Diseases. Health Care / Diagnostics. Datamining, Problem Solving.

**Computer skills:*** See Courses, Trainings and Certifications

**Transversal competencies:*** Scientific writing / Oral Presentations
* Project management
* Team management
* Conflict management
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| REFERENCES* **Gregori Ghitti**, IT Director, ***OncoDNA SA***,

Phone: +32 496 160211 Email: gregori.ghitti@oncodna.com **(1.1)*** **Gontran Brichard**, QA Manager***, OncoDNA SA***,

Phone: +32 471 860182 Email: g.brichard@oncodna.com **(1.1)*** **Bérénice Costes,** PhD, Clinical Operations Director, ***Artialis SA***,

Phone: +32 4 242 77 06 Email: berenice.costes@artialis.com **(2.2)*** **Anne-Christine Hick**, PhD, Technological Platforms Manager, ***Artialis SA***,

Phone: +32 4 242 77 45 Email: anne-christine.hick@artialis.com **(2.2)*** **Yves Henrotin** , MD,  Président & CEO, ***Artialis SA***,

Phone: +32 4 242 77 45 Email:  yves.henrotin@artialis.com **(2.2)*** **Palmeira Leonor,** PhD, Head BioInformatics, ***CHU Liège Human Genetics***,

Phone: +32 4 3669141 Email lpalmeira@chuliege.be **(3.1 & 2.1)*** **Vincent Bours**, MD Professor / Director, ***CHU Liège Human Genetics***,

Phone: +32 4 3668145 Email: vbours@ulg.ac.be, **(3.1 & 2.1)*** **Vinciane Dideberg**, MD Lab. Director, ***CHU Liège Human Genetics***,

Phone: +32 4 3668145 Email: vinciane.dideberg@chu.ulg.ac.be, **(3.1 & 2.1)*** **Koen Van der Borght,** Senior Scientist, ***Janssen, Pharmaceutical Companies of JnJ***,

Phone:+32 14 60211132 Email: kvdborgh@its.jnj.com, **(4.1)*** **Kim Hammond-Kosack,** Wheat Pathogenomics Team, ***Rothamsted Research Institute (UK)***,

 Phone: + 44 1582 763 133, Email: kim.hammond-kosack@rothamsted.ac.uk, **(5.1)*** **Eric Bellefroid,** Professor/ Director, Institut de Biologie et de Médecine Moléculaires Laboratoire de Génétique du Développement, ***Université Libre de Bruxelles***,

Phone: +32 2 6509732, Email: ericebellefr@ulb.ac.be, **(6.1)** |

OTHERS

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| * Postal Address:

Rue des Hausseurs n° 10, B-4550 NANDRIN (Belgium) (GPS : N 503058 E052549)* Born in Liège, July 23th 1959.
* Married with Catherine Bovie (PhD Molecular Biology, Project Manager at Hologic)
* 2 kids. MD Oncology Marie Lecocq CHU Liège & François Lecocq Logistic manager at Mölnlycke Health Care.
* Interested / active in:
* Social Activities (Family, Friends, Environment, Politics, etc.
* All Sports Activities but a passion for Football (soccer): UEFA-B Coaching License, Talent Detection UEFA, RTFJ-I URBSFA, Monitor Level 2 Football (ADEPS), Member of Standard of Liège Scouting Team, ), Resp. Admin. Formation Jeunes , RES Templiers URBSFA #392 (Label Young 3 stars) and Official Referee URBSFA.
* Computers and Software Packages (e.g. WEB Sites Admin)
* Winemaker.
* City Trips / Holidays (with Family/Friends)
* MBTI “ENTJ” (<http://www.myersbriggs.org/>)
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| Daily Rates: 300 to 400 Euros/Day depending of context (location / distance; VAT Excluded)Part Time: 2-3 days a week, 1 day at site.  |
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