

Ludovic LELOUP

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Nationality: French

Place of birth: La Roche-sur-Yon, France
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ASSISTANT PROFESSOR / TEACHING MANAGER *Biochemistry / Oncology*

EDUCATIONAL BACKGROUND

- 2007: **PhD in biochemistry**, University Bordeaux 1, France
2003: **Master of Science in biology**, University Bordeaux 1, France
2001: **Bachelor of Science in biology**, University of Nantes, France

EMPLOYMENT HISTORY / RESEARCH

- Since 2020 **Teaching manager**, BSc biology (1st year), Aix-Marseille University, Marseille, France
Since 2010 **Assistant professor**, Aix-Marseille University, Marseille, France
« *Involvement of calpains and NOX enzymes in the resistance to chemotherapies* »
2007-2010 **Post-doctoral fellow** at UPMC (University of Pittsburgh Medical Center, Pittsburgh, PA, USA), Alan Wells' lab, « *Spatiotemporal regulation of calpains during wound healing process* »
2003-2007 **PhD in biochemistry** at UPCDM (University Bordeaux 1, France), Pr. J.-J. Brustis' team,
« *Involvement of calpains in the migration of myoblasts during myogenesis* »
2002-2003 **Master of Science** at USMA (University Bordeaux 1, France)

RECENT PUBLICATIONS

- Chocry M., **Leloup L.**, Parat F., Messé M., Pagano A., Kovacic H. Gemcitabine: an alternative treatment for oxaliplatin-resistant colorectal cancer. *Cancers Under review*.
- Chocry M., **Leloup L.** 2019. The NADPH oxidase family and its inhibitors. *Antioxid. Redox. Signal.* (review)
- Chocry M., **Leloup L.**, Kovacic H. 2017. Reversion of resistance to oxaliplatin by inhibition of p38 MAPK in colorectal cancer cell lines: involvement of the calpain / Nox1 pathway. *Oncotarget* 8(61), 103710-103730.
- Sekar M. C., Shahiwala K., **Leloup L.**, Wells A. 2014. Modulation of Epidermal Growth Factor Stimulated ERK Phosphorylation and cell motility by inositol trisphosphate kinase. *J. Pharm. Sci. Pharmacol.* 1(2), 160-164.
- Krifa M., **Leloup L.**, Ghedira K., Mousli M., Chekir-Ghedira L. 2014. Luteolin induces apoptosis in BE colorectal cancer cells by downregulating calpain, UHRF1, and DNMT1 expressions. *Nutr. Cancer* 66, 1220-1227.
- Krifa M., Pizzi A., Mousli M., Chekir-Ghedira L., **Leloup L.**, Ghedira K. 2014. Limoniastrum guyonianum aqueous gall extract induces apoptosis in colorectal cancer cells by inhibiting calpain activity. *Tumour Biol.* 35, 7877-7885.