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82 scientific papers:

- 33 original full papers,
- 1 book chapter,
- 1 review,
- 4 short papers,
- 3 patents,
- 3 thesis
- 37 abstracts

published in various international scientific journals:

*Ann.Soc. R.Zool.B*

*Arch.int.Pharmacodyn.*

*Arch.int.Physiol.Biochim.*

*ATLA*

*Bioorg.Med.Chem.Lett.*

*Br.J.Pharmacol.*

*Br.J.Pharm.Res.*

*ChemMedchem.*

*Comp.Biochem.Physiol.*

*Eur.J.Pharmacol.*

*Fund.Clin.Pharmacol.*

*Inflam. Res.*

*J.Clin.Invest.*

*J.exp.Biol.*

*J.med.Chem.*

*J.Pharmacol.exp.Ther.*

*J.Pharmacol.Toxicol. Methods*

*Mar.Biol.*

*Nitric oxide*

*Pharmacology*

*Pharmacol.Rep.*

*Pharmacol.Res.*

*Probio Rev.*

*The pharmacologist*

*Toxicol. Appl. Pharmacol.*

83 – **Christophe B.** (2023)

Safe cardiac action potential test ([www.scaptest.com](http://www.scaptest.com)) : a database describing the *in silico* cardiac safety profile of drugs and their propensity to induce early afterdepolarization.

v1.0 : 150 drugs described

<https://doi.org/10.5281/zenodo.7541554>

82 – **Christophe B.** (2022)

Occurrence of early afterdepolarization under healthy or hypertrophic cardiomyopathy conditions in the human ventricular endocardial myocyte: *in silico* study using 109 torsadogenic or non-torsadogenic compounds.

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A risk profile of fenspiride using ion channel data and *in silico* action potential modeling

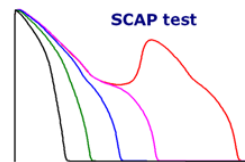
*J. Pharmacol. Toxicol. Methods*, **105** : 38

Poster 100

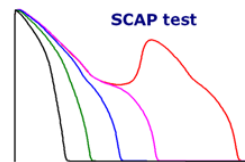
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Impact of disease state on arrhythmic event detection by action potential modeling in cardiac safety pharmacology  
*J. Pharmacol. Toxicol. Methods*, **96** : 15-26
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Simulation of early-afterdepolarisation in nonfailing human ventricular myocytes: can this help cardiac safety pharmacology ?  
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- 76 - Michel A., Downey P., Montel F., Scheller D. & **Christophe B.** (2013)  
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  - WO2013156614 A1, p1-38 (fig 1-13)
  - US patent app. 15/185,948 (2016)
- 75 - Provins L., Denonne F., Celanire S., **Christophe B.**, Defays S., Delaunoy C., Delporte M.-L., Demaude T., Durieu V., Gillard M., Hubert D., Lamberty Y., Lorent G., Valade A., Vanbellinghen A. and Van houtvin N. (2012)  
Lead optimization of thiazolo[5,4-c]piperidines: 3-cyclobuoyoxy linker as a key spacer for H<sub>3R</sub> inverse agonists  
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- 74 – Jnoff E., **Christophe B.**, Collart P., Coloretti F., Debeuckelaere A., De Ryck M., Fuks B., Genicot C., Gillard M., Guyaux M., Price N., Vandergeten C. and Vermeiren C. (2012)  
Discovery of selective alpha<sub>2C</sub> adrenergic receptor agonists  
*ChemMedChem*, **7** : 385-390
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Acetamide scanning around bicyclic thiazoles: SAR at the H<sub>3</sub> receptor  
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Discovery of a new class of non-imidazole oxazoline-based histamine H<sub>3</sub> receptor (H<sub>3</sub>R) inverse agonists  
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- 58 – Provins L., **Christophe B.**, Danhaive P., Dulieu J., Durieu V., Gillard M., Lebon F., Lengelé S., Quéré L. and van Keulen B. (2006)  
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- 57 – Starck J.-P., Talaga P., Quéré L., Collart P., **Christophe B.**, Lo Brutto P., Jadot S., Chimmanamada D., Zanda M., Wagner A., Mioskowski C., Massingham R. and Guyaux M. (2006)  
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Discovery of a novel piperidinyl-sulfonyl benzoic ester, active as CB<sub>1</sub> agonist.

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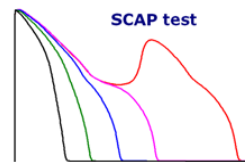
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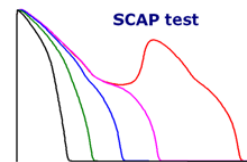
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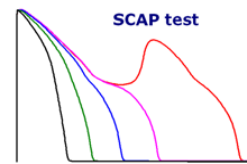


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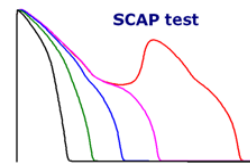
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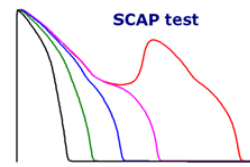


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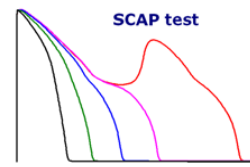


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