

Sim4Life Science

Created by Scientists
for World-Class Research



In Silico We Trust

Sim4Life

Sim4Life is a desktop and web-based platform for advanced numerical modeling and simulation that integrates a variety of physics solvers with the most detailed functionalized human and animal computational models, including the latest tissue models. Sim4Life has been used by leading scientists worldwide for research over a broad range of applications, such as the design and the safety evaluation of devices interfacing with the human body, or the evaluation of physiological response. The desktop and web versions are identical twins, ensuring seamless compatibility, exceptional responsiveness, and a unified user experience. Users can effortlessly switch between the two platforms for an uninterrupted and smooth workflow.

ZMT offers special Sim4Life licenses to the academic world including both undergraduate and graduate students, as well as scientists in universities and research institutions.

Sim4Life.lite – Student Version

This version enables undergraduate and graduate students to access, run, and share cloud-based simulations from any browser at no cost. Sim4Life.lite offers greater flexibility, is maintenance-free, and is easy to use. It provides lecturers with a robust and cost-free tool for teaching electromagnetic field theory, antenna design, or any other topic where numerical modeling is key.

Sim4Life.science – Web

The Sim4Life.science platform, natively implemented in the cloud, is developed for non-profit research institutions, providing simulation power at a lower cost compared to the commercial counterpart, sim4life.io business platform. Sim4Life.science allows researchers to effortlessly share their simulation work within their research groups and benefit from its availability at any time from any device. Go to our new website sim4life.swiss to sign up and start using the web version immediately!

Sim4Life for Science License – Desktop

This license is intended for use by scientists who need computational modeling solutions with a selected set of features tailored to their individual research needs. The license is limited to 1 year, is annually renewable, its use is restricted to research purposes at universities and academic institutes. The license includes a commitment to cite Sim4Life in all publications (peer-reviewed journals or international conference proceedings) where it has been used.

For more information, please contact s4l-sales@zmt.swiss.

	Sim4Life.lite	Sim4Life.science	Desktop License
Platform	online	online	desktop
Application	self-directed study education/teaching	research	research
Number of Solids	unlimited	unlimited	unlimited
Grid Size	max. 20 Mio cells	unlimited	unlimited
Solvers	all	all	all
GPU Acceleration	no	CUDA, AXE	CUDA, AXE (upon request)
ViP Human Models*	YOON-SUN	YOON-SUN, DUKE	YOON-SUN, DUKE
Python	yes	yes	yes
3rd-Party Tools	no	yes	upon request
License Duration	unlimited	pay-per-use	1 year (renewable)
Pricing	free-of-charge	pay-per-use (university pricing)	free-of-charge (conditions apply)

* www.itis.swiss/virtual-population