



“Not least, this course demonstrates the importance of a team in the development process since the overlapping expertise of its members is key to successfully navigating the process.”



SIMULATING IS IMITATING REALITY

LBS Learning By Simulation strongly believes in the use of simulations to familiarize individuals with complex matter in a short time.

In our simulations we apply a unique condensed method of training that allows people to gain insight in the overall working process of their organization. Participants operate in a team setting where they make strategic choices and have to be decisive. They will learn to speak the language of their colleagues, to respect other disciplines and think out-of-the-box.

LBS is your partner in developing tailor-made simulations for your specific organization and is happy to provide you with more details on your request.

COURSE DESIGN

Ten years of experience using the simulation training method within the pharmaceutical industry have convinced us that this is the most effective and efficient training method for employees to gain insight into complex processes. LBS believes that the concept of creating a virtual reality environment is widely applicable to a variety of multidisciplinary organizations where decision-making is based on team effort and input.

SIMULATING IS LEARNING BY DOING

www.learningbysimulation.com

LBS
Hoogstraat 114
5258 BG Berlicum
The Netherlands
info@learningbysimulation.com

THE HEART OF LBS

The heart of LBS consists of four highly experienced people in pharmaceutical research & development and simulation course development:



Leon Delbressine, 1953, has a PhD in organic chemistry and pharmacology. He has over 30 years experience in pharmaceutical R&D. Most recently he provided and led performance consulting to the business, was responsible for creating and implementing strategic learning plans in alignment with sub-divisional goals and objectives.

Within LBS, Leon is learning director and facilitator during the simulations.



Leo van de Wouw, 1955, is a specialist in different ways of adult training. He was involved in designing and conducting courses for Organon, Top Institute Pharma, Center for Translational Molecular Medicine, Nijmegen University, Avans Hogescholen, Sabic, DSM and lots of other companies and institutes.

Within LBS, Leo is course designer and facilitator during the simulations.



Sjeng Horbach, 1957, is toxicologist with a PhD in biochemistry. He has over 14 years of experience in pharmaceutical R&D. Before joining the industry he was an associate professor in molecular toxicology at the Utrecht University for 8 years following 6 years of contract research experience.

Within LBS, Sjeng is course director and expert during the simulations.

BRIEF COURSE DESCRIPTIONS

DRUG DEVELOPMENT SIMULATION

The simulation starts with detailed pharmacological and chemical information on several preclinical candidates. The teams select one of these to start the development process.

The simulation runs through the preclinical and clinical phases of development until dossier submission to the authorities.

DRUG DISCOVERY SIMULATION

The simulation starts with the identification of (novel) biological targets and runs through the target validation process via assay development and screening to identify hits amenable for optimization to leads.

Full blown lead optimization results in the proposal of one or more preclinical candidates to the management board.

BIOLOGICALS DEVELOPMENT SIMULATION

The simulation starts at the stage of lead finding and ends with the presentation of Proof-of-Concept results to the managerial board.

In three days a biological drug candidate will be selected, a production process developed and a clinical trial program executed. In a multidisciplinary approach, an effective and safe novel biological will be developed for patients with an unmet medical need.