

## Seminar

# “Digitalization and Sustainable R&D, Science and Lab Management”

Dr. Andriy Kubarenko



Welcome to the seminar of Dr. Kubarenko, the expert in digitalization in science and research. He worked from the end of the last century not only as wet-lab scientist in the fields of biochemistry, molecular biology and immunology but also as bioinformatician in Computational Structural Biology in different leading Germany research centers. During that time Dr. Kubarenko has gained strong hand-on expertise in research and lab management and developed his own powerful comprehensive IT solutions for sustainable science and lab management. As a Scientific Resources and Data Manager at Medical Faculty he has successfully implemented some of these solutions for digitalization and optimization of important faculty routines. Private activity of Dr. Kubarenko includes independent consulting in wide range of digitalization and sustainable lab management. Made the side step from research to lab management in his own scientific carrier Dr. Kubarenko wants to help and support students and other scientists in their successful carrier development.



The aim of the seminar is to give an introduction into topics and areas which are covered by Dr. Kubarenko upon his interactive workshop series “Digitalization and Sustainable R&D, Science and Lab Management”.

These workshops are designed for Master and PhD students, PostDocs, scientists and technical assistants to understand how to better organize and optimize everyday institute and lab routines by implementation of standardization and appropriate modern IT technologies and solutions like Laboratory Information Management System (LIMS), Electronic Laboratory Notebook (ELN), Laboratory Execution System (LES), Current Research Information System (CRIS).

At the same time implementation of the best IT solutions will never be efficient without proper education and training of institute and lab members, especially main responsible persons – Lab Managers. Another very important aim of the seminar and following workshops is stress attention on “Lab Manager” as an alternative carrier path. Dr. Kubarenko will cover what experience, knowledge, advanced trainings and certifications are important to become the efficient “Lab Manager” and be highly competitive looking for R&D and lab management positions not only in Academia but also in Industry. ImmunoSensation Cluster, Faculty of Medicine and University of Bonn are building now education and mentoring programs to support Master and PhD students, PostDocs and scientists on their decision making and gaining knowledge and qualifications to become “Lab Manager” as alternative carrier path in Academia and Industry.

Participant of the seminar are welcome to rise for discussion their questions and topics of interest, which could be later incorporated and extensively covered by Dr. Kubarenko upon workshops.

If you have any questions regarding lab digitalization or you are interested in “Lab Manager” as alternative carrier path, do not hesitate to get in touch in person with Dr. Kubarenko (avk@uni-bonn.de, +49 228 287-51290).

### Time and place:

May 9<sup>th</sup>, 2019, 9:00

(ehemals Sigmund-Freud-Str. 25)

Venusberg-Campus 1

53127 Bonn

Teaching building (number 10)

Room 2G 004/10 (seminar room 12)

