



One Health EJP CPD Module 2021

Digital innovations for One Health practitioners

Training on innovative digital software solutions supporting risk assessment, zoonotic outbreak investigations and data interoperability

Day 1 - 15th February Joint Presentation Session

10.00-10.15 CET	<p>Welcome and opening Karsten Nöckler, German Federal Institute for Risk Assessment (BfR)</p>
10.15-10.30	<p>CPD course introduction and housekeeping Matthias Filter, BfR</p>
10.30-11.30	<p>Links between quantitative risk assessments and expert judgements – the future of scientific policy advice Olaf Mosbach-Schulz, European Food Safety Authority (EFSA)</p>
11.30-12.00	<p>Risk-benefit assessment of foods – how an emerging research domain could benefit from timely digital innovation initiatives Maarten Nauta, National Food Institute, Technical University of Denmark (DTU Food)</p>
12.00-13.00	<p><i>Lunch break</i></p>
13.00-13.30	<p>Open science publishing and “living articles” Lyubomir Penev, Teodor Georgiev, Pensoft Publishers</p>
13.30-14.00	<p>rStrainSelect: an R-tool for sampling strains based on metadata in a One Health context Laurent Guillier, French Agency for Food, Environmental and Occupational Health & Safety (ANSES)</p>
14.00-15.00	<p>Dashboards as strategy to integrate multiple data streams for real time surveillance Alexander Ullrich, Robert Koch Institute (RKI)</p>
15.00-15.30	<p>Fast meets slow: building sustainable digital systems for bioinformatics based surveillance Karin Lagesen, Norwegian Veterinary Institute (NVI)</p>
15.30-16.00	<p>Introductions to the upcoming workshop days Marion Gottschald, Matthias Filter, BfR and Fernanda Dórea, Swedish National Veterinary Institute (SVA)</p>

Day 2 - 16th February Interactive Workshops I

10.00-10.30	<p>FoodChain-Lab: an innovative tool to increase food safety through supply chain analyses Marion Gottschald, Alexander Falenski, Marco Rügen, BfR</p>
10.30-11.15	<p>Analytical features of FoodChain-Lab and successful applications in outbreak analyses (live demo) Marion Gottschald, Alexander Falenski, Marco Rügen, BfR</p>
11.15-12.00	<p>Getting started with the FoodChain-Lab web application Marion Gottschald, Alexander Falenski, Marco Rügen, BfR</p>
12.00-13.00	<p><i>Lunch break</i></p>
13.00-15.30	<p>Interactive traceability exercise using the FoodChain-Lab web application Marion Gottschald, Alexander Falenski, Marco Rügen, BfR</p>

Day 3 - 17th February Interactive Workshops II

10.00-12.00	<p>Data interoperability in One Health: data FAIRness and the linked-data model – Introduction Fernanda Dórea, SVA</p>
12.00-13.00	<p><i>Lunch break</i></p>
13.00-15.00	<p>Data interoperability in One Health: data FAIRness and the linked-data model – Exercises Fernanda Dórea, SVA, Taras Günther, Estibaliz Lopez de Abechucio Garrido, Nazareno Scaccia, BfR</p>



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Day 4 - 18th February Interactive Workshops III

10.00-10.30 CET	Online model repositories – Introduction Matthias Filter, Petra Ganas, Thomas Schöler, Lars Valentin, BfR
10.30-11.30	RAKIP introduction and live demo Matthias Filter, Petra Ganas, Thomas Schöler, Lars Valentin, BfR
11.30-12.30	Lunch break
12.30-13.30	RAKIP exercises for participants Matthias Filter, Thomas Schöler, Petra Ganas, Lars Valentin, BfR
13.30-16.00	RADAR repository introduction, live demo and exercises (tbc) Jakub Fusiak, BfR

Day 5 - 19th February Plenary discussion and Q&A

09.30-09.45	Keynote: Podcasting in One Health Sara Perestrelo, BfR
09.45-11.00	Plenary discussion – digital innovation needs in One Health Panel tba
11.00-12.00	Participant's digital innovation sharing forum
12.00-13.00	Lunch break
13.00-14.45	Q&A, feedback and support BfR
14.45-15.00	Plenary wrap-up and close of the module BfR