

The 3rd Nordic Course in specialist training 2022 arranged by NFKK

**The Professional Role of a
Clinical Biochemist / Laboratory Doctor**

October 3rd, 08.00

Goldmining		
08.00 – 09.35 Incl. short break	1. Introduction to the course 2. Presentation of participants	Linda Hilsted, MD, DMSc Dept. of Clinical Biochemistry Rigshospitalet, Denmark Nete Hornung MD, PhD Dept. of clinical Biochemistry, Gødstrup Hospital, Denmark
09.35 – 09.45	Break	
09.45 – 10.35	Short introduction to "Goldmining" Goldmining a new biomarker <i>In clinical biochemistry we are in a unique position to dig into the deep ocean of putative biomarkers for better patient management. In this lecture I will present the discovery of a new biomarker – sCD163 – and what came out of this discovery. This will take us through basic research, assay validation, and clinical validation with focus on areas where clinical biochemical gold can be collected. The collected gold is in the form of biological knowledge, research findings, and added clinical value. I will also touch upon the difficult path of getting new biomarker into routine use.</i>	Holger Jon Møller, MD, PhD, DMSc Dept. of Clinical Biochemistry, Aarhus Univ. Hospital, Denmark
10.30 – 10.50	Break	
10.50 – 12.30 Incl. short break	Leadership and communication in a dynamic organization <i>The content of this talk will focus on both theoretical and practical issues regarding communication and strategic leadership and the importance of this in a dynamic and developing organization. The presentation will primarily be based on own experiences from different assignments' in my career, scattering from a young researcher collaborating with the Army Combat School towards the Head of two different laboratories and a research institution.</i> <i>The foundation of a good leadership, how to understand the differences between management and leadership, and generating followership will be central in the talk. Leading change, setting direction and identifying the context to communicate within in order to achieve your goals will be addressed using the inspiration of JP Kutter, L Wittgenstein and H Maturana and F Verela. Timely, precise, frequent and problem-solving communication is important tools, but not an easy task. To choose a communication strategy and to understand your leadership in a continuously changing dynamic organization without stability is even harder and a worthy challenge in a health care system under the influence of political agendas.</i> <i>Looking forward to learn about your experiences and opinions</i>	Anna-Marie Münster, MD, PhD Hospital director, Hospital of SouthWest Denmark
12.30 – 13.30	Lunch	
13.30 – 15.10 Incl. 10 minutes break	Goldmining the basics: 1. Preanalytical factors <i>Everything from patient preparation to the analysis is performed</i> 2. Post analytical factors: <i>Reference ranges, interpretation tools, other tools for managing the use of blood-tests (dialogue and collaboration with the clinicians, IT-possibilities, other tools)</i>	Mads Nybo, MD, PhD Dept. of Clinical Biochemistry and Pharmacology, Odense University Hospital, Denmark

Goldmining in Clinical Biochemistry		
15.10 – 15.30	Coffee	
15.30 – 16.15	Goldmining the laboratory informatic systems	Bent Lind, MD, DMSc Copenhagen University Hospital, Hvidovre
16.25 – 17.10	Goldmining the Artificial Intelligence	Jonna Skov Madsen, MD, PhD Sygehus Lillebælt, Vejle
Break		
19.00	Dinner at "Madklubben"	

October 4th, 08.00

Operating and Optimizing a Clinical Biochemistry Laboratory		
08.00 – 08.45	Tasks for the professional: Choice of analyses, tools for interpretation of results (decision limits, reference intervals, Lab-manual, text books, Lab-IT-systems), etc.	Elvar Theodorsson, MD, DMSc, Linköping University Hospital
08.45 – 08.55	Break	
08.55 – 09.40	<i>Continued</i>	Elvar Theodorsson, MD, DMSc, Linköping University Hospital
09.40 – 10.10	Break	
10.10 – 10.55	How to support a relevant and efficient operation: lab-automation, new technologies, POCT etc.	To be determined
10.55 – 11.00	Break	
11.00 – 11.45	<i>Continued</i>	To be determined
11.15 – 12.00	Introduction to groupwork	Linda/Nete
12.00 – 13.00	Lunch	
13.00 – 14.00	Groupwork - Walk and Talk	
14.00 – 14.45	Groupwork – Walk and Talk	
14.45 – 15.00	Coffee	
15.00 – 15.45	From Clinical Biochemist to Dean	Anne-Mette Hvas Dean, Professor, PhD Health, Aarhus University, Denmark
15.45 – 16.00	Break	
16.00 – 17.30	Poster presentation in groups	

October 5th, 08.00

Communication, dialogue, teaching, leadership		
08.00 – 9.00	Strategic leaderships in a clinical biochemistry department: Capital vs. Regional Depts.	Linda/Nete
09.00 – 09.10	Break	
09.10 – 9.55	How do we develop Academic Medicine within Clinical Biochemistry	Anders Larsson, MD,DMSc Akademiska, Uppsala University
9.55 – 10.15	Break	
10.15 – 11.00	Leadership-roles as a clinical biochemist in various contexts – what did I learn/Key messages	Lars Bo Nielsen, MD, DMSc Danish Medicines Agency
11.00 – 11.10	Break	
11.10 – 11.55	Education in Clinical Biochemistry: responsibilities and the transition from being in specialist training to being responsible for the training of others	Emil Bartels, MD, PhD Dept. of Clinical Biochemistry Rigshospitalet, Denmark
11.55 – 13.00	Lunch	
13.00 – 13.45	From Clinical Biochemist to Dean, a Norwegian perspective	Jens Petter Berg, MD, DMSc Faculty of Medicine / Department of Medical Biochemistry /Oslo University Hospital
13.45 – 15.00	Presentations from the groups	Moderators: Linda Hilsted, Nete Hornung
15.00 – 16.15	Why did I choose clinical Biochemistry and where am I in 5 years?	All participants (2 – 3 minutes each)
16.15 – 16.30	End of course - feedback	Linda Hilsted, Nete Hornung