

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

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

**October 3<sup>rd</sup>, 08.00**

<b>Goldmining</b>		
08.00 – 09.35 Incl. short break	1. Introduction to the course 2. Presentation of participants	<b>Linda Hilsted, MD, DMSc</b> <b>Dept. of Clinical Biochemistry</b> <b>Rigshospitalet, Denmark</b>  <b>Nete Hornung</b> <b>MD, PhD</b> <b>Dept. of clinical Biochemistry,</b> <b>Gødstrup Hospital, Denmark</b>
09.35 – 09.45	<b>Break</b>	
09.45 – 10.35	<b>Short introduction to "Goldmining"</b>  <b>Goldmining a new biomarker</b> <i>In clinical biochemistry we are in a unique position to dig into the deep ocean of putative biomarkers for better patient management.</i> <i>In this lecture I will present the discovery of a new biomarker – sCD163 – and what came out of this discovery.</i> <i>This will take us through basic research, assay validation, and clinical validation with focus on areas where clinical biochemical gold can be collected.</i> <i>The collected gold is in the form of biological knowledge, research findings, and added clinical value.</i>	<b>Holger Jon Møller, MD, PhD,</b> <b>DMSc</b> <b>Dept. of Clinical Biochemistry,</b> <b>Aarhus Univ. Hospital, Denmark</b>

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	<i>I will also touch upon the difficult path of getting new biomarker into routine use.</i>	
10.30 – 10.50	<b>Break</b>	
10.50 – 12.30 Incl. short break	<p><b>Leadership and communication in a dynamic organization</b></p> <p><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></p> <p><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></p> <p><i>Looking forward to learn about your experiences and opinions</i></p>	<b>Anna-Marie Münster, MD, PhD Hospital of SouthWest Denmark</b>
12.30 – 13.30	<b>Lunch</b>	
13.30 – 15.10 Incl. 10 minutes break	<p><b>Goldmining the basics</b></p> <p><b>1. Preanalytical factors</b> <i>Everything from patient preparation until the analysis is performed</i></p> <p><b>2. Postanalytical factors</b> <i>Reference ranges, interpretation tools, other tools for managing the use of blood-tests (dialogue and collaboration with the clinicians, IT-possibilities)</i></p>	<b>Mads Nybo, MD, PhD Dept. of Clinical Biochemistry, Odense University Hospital, Denmark</b>

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

## October 4<sup>th</sup>, 08.00

<b>Operating and Optimizing a Clinical Biochemistry Laboratory</b>		
08.00 – 08.45	<p><b>Tasks for the professional: Choice of analyses, tools for interpretation of results (biological variation, reference intervals, decision values, IT-systems, textbooks, Lab-manual), etc.</b></p> <ol style="list-style-type: none"> <li>1. "Open space" suggestions and prioritizing from the audience on the preferred topics to be covered in the lectures</li> <li>2. Briefly on will, serendipity, and fortune in my life as Laboratory Physician, Teacher, and Researcher</li> <li>3. Tools needed for supporting Healthcare and the Public in their optimal use of Laboratory Medicine</li> <li>4. How to optimize personal knowledge and skills in Laboratory Medicine</li> </ol>	<b>Elvar Theodorsson, MD, Linköping University</b>
08.45 – 08.55	<b>Break</b>	
08.55 – 09.40	<i>Continued</i>	<b>Elvar Theodorsson, MD, Linköping University</b>
09.40 – 10.10	<b>Break</b>	
10.10 – 10.55	<p><b>Life and work in a clinical biochemical laboratory, how to support a relevant and efficient operation.</b></p> <p><i>Key-words are: lab-automation, new technologies, organization (teams, Key-persons, meeting routines) cooperation with the industry, managing Point of Care Testing, economics etc. There will be cases presenting examples of troubleshooting the life and work in a laboratory.</i></p>	<b>Louise Lylloff MD, PhD Mette Fogh Møller, Biochemist Dept. of clinical Biochemistry, Gødstrup Hospital, Denmark</b>
10.55 – 11.00	<b>Break</b>	
11.00 – 11.45	<i>Continued</i>	<b>Louise Lylloff MD, PhD Mette Fogh Møller, Biochemist Dept. of clinical Biochemistry,</b>

		<b>Gødstrup Hospital, Denmark</b>
11.15 – 12.00	<b>Introduction to groupwork</b>	<b>Linda Hilsted/Nete Hornung</b>
12.00 – 13.00	<b>Lunch</b>	
13.00 – 14.00	<b>Groupwork - Walk and Talk</b>	
14.00 – 14.45	<b>Groupwork – Walk and Talk</b>	
14.45 – 15.00	<b>Coffee</b>	
15.00 – 15.45	<b>Group work</b>	
15.45 – 16.00	<b>Break</b>	
16.00 – 17.30	<b>Poster presentation in groups</b>	

**October 5<sup>th</sup>, 08.00**

<b>Communication, dialogue, teaching, leadership</b>		
08.00 – 9.00	<b>Strategic leaderships in a clinical biochemistry department: Capital vs. Regional Depts.</b>	<b>Linda/Nete</b>
09.00 – 09.10	<b>Break</b>	
09.10 – 9.55	<b>How do we develop Academic Medicine within Clinical Biochemistry</b>	<b>Anders Larsson, MD,DMSc Akademiska, Uppsala University</b>
9.55 – 10.15	<b>Break</b>	
10.15 – 11.00	<b>Leadership-roles as a clinical biochemist in various contexts – what did I learn/Key messages</b>	<b>Lars Bo Nielsen, MD, DMSc Danish Medicines Agency</b>
11.00 – 11.10	<b>Break</b>	
11.10 – 11.55	<b>Education in Clinical Biochemistry: responsibilities and the transition from being in specialist training to being responsible for the training of others</b>	<b>Emil Bartels, MD, PhD Dept. of Clinical Biochemistry Rigshospitalet, Denmark</b>
11.55 – 13.00	<b>Lunch</b>	
13.00 – 13.45	<b>From Clinical Biochemist to Department Head to Research Dean – and back? A Norwegian perspective</b>  <i>Clinical biochemistry gives a great opportunity to be in the front of biomedical research and to interact with a wide range of researchers and clinicians at universities and hospitals. When coupled with curiosity for science and people, and with interests in professional and personal</i>	<b>Jens Petter Berg, MD, DMSc Department of Medical Biochemistry, Faculty of Medicine, University of Oslo</b>

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	<i>development, you have a very good starting point for taking leadership roles in academia and hospitals. In my talk I will present some my personal experience of opportunities and challenges.</i>	
13.45 – 15.00	<b>Presentations from the groups</b>	<b>Moderators: Linda Hilsted, Nete Hornung</b>
15.00 – 16.15	<b>Why did I choose clinical Biochemistry and where am I in 5 years?</b>	<b>All participants (2 – 3 minutes each)</b>
16.15 – 16.30	<b>End of course - feedback</b>	<b>Linda Hilsted, Nete Hornung</b>