

The complement system – from biological function to clinical diagnostics

Organized at Lund University, Department of Laboratory Medicine, section MIG. Lectures are held in the Central building of Skåne University Hospital in Lund, lecture halls 1 (6 October) and 4 (7-9 October)

Tuesday 6 October

09.30 – 10.00	Registration and coffee	
10.00 – 10.30	Introduction and diagnostic test	Lillemor Skattum, Sophie Ohlsson, Sofia Smargianaki
10.30 – 11.30	The complement system – history, components, activation pathways	Kristina Nilsson Ekdahl, Bo Nilsson
	<i>Lunch</i>	
12.30 – 13.30	The complement system – structure, function & regulation	Kristina Nilsson Ekdahl, Bo Nilsson
13.30 – 15.00	The lectin pathway	Peter Garred
	<i>Coffee</i>	
15.00 – 15.45	Regulation of the complement system	Anna Blom
15.45 – 16.30	Complement in removal of the dead – balancing inflammation	Anna Blom

Wednesday 7 October

08.30 – 09.00	Therapeutic modulation of complement	Kristina Nilsson Ekdahl
09.00 – 09.45	The complement system in transplantation, and complement in the use of biomaterials	Bo Nilsson, Alireza Biglarnia
	<i>Coffee</i>	
10.15 – 11.00	Complement in autoimmune hemolytic anemia and cold agglutination. Effects of heme on the complement system	Maria Lundgren
11.15 – 12.00	Clinical complement analysis	Barbro Persson
	<i>Lunch</i>	
13.00 – 13.45	The complement system in inflammation and defense against infections	Tom Eirik Mollnes
13.45 – 14.30	Complement in pregnancy and PNH	Seppo Meri
	<i>Coffee</i>	
14.50 – 15.30	C3NeF and other autoantibodies to complement	Lillemor Skattum

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15.30 – 17.00 Complement mediated kidney diseases Diana Karpman

Thursday 8 October

08.30 – 09.15 Innate and acquired complement deficiencies Lillemor Skattum

09.15 – 10.00 The role for complement in defense against infection.
Vaccination in complement deficiency Göran Jönsson

Coffee

10.30 – 11.15 Complement deficiency in children Nicholas Brodzski

11.15 – 12.00 Hereditary angioedema Linda Björkman

Lunch

13.00 – 14.15 Complement in SLE and other rheumatic diseases -
pathogenetic and clinical aspects Anders Bengtsson

14.15 – 14.45 Complement in vasculitis Sophie Ohlsson

Coffee

15.15 – 16.45 Seminar: case demonstrations and discussions Lillemor Skattum, Sophie
Ohlsson, Sofia Smargianaki

19.00

Dinner

Friday 9 October

08.30 – 10.00 Demonstration of laboratory methods Lillemor Skattum, Anci
Verlemyr, Christina
Hansson, Sofia Smargianaki

Coffee

10.30 – 12.00 Continued work with clinical cases. Follow-up of
diagnostic test Lillemor Skattum, Sophie
Ohlsson, Sofia Smargianaki

12.00 - 12.30 Course evaluation, sum up and extra time Lillemor Skattum, Sophie
Ohlsson, Sofia Smargianaki

Lunch; "grab-and-go"