

BIG
DATA

Dear all,

It has been a while since our last Newsletter - focus has been on implementing enrolment of prospective patients in PERSIMUNE. To support this we had a well-attended meeting on 17 June where clinical staff could share experiences and get inspiration to manage enrolment at their individual clinics.

Slides from the implementation meeting can be found here: [Implementation Meeting](#)

Also the leadership of the Scientific Interest Groups (SIGs) has been established. **All interested are invited to join the interest groups**, please send a mail to be added to the SIG mailing list: [Mail](#)

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Immunology Colloquia

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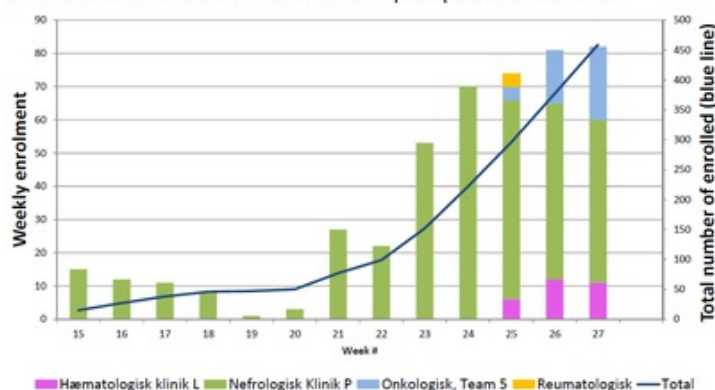
Enrolment in the prospective cohort

Enrolling patients is a matter of ensuring the biobank consent and ordering the Labka package PERSIMUNE Level 1. This ensures that a biobank sample is stored in the PM biobank and simultaneously allows the centrale PM database to capture the patient ID and sweep servers for the relevant data.

In the graph, enrolment through week 27 is depicted - currently between 70 and 80 patients are enrolled every week.



3. Status for the formation of the prospective cohorts



Immunological Colloquia

A series of Investigator Meetings is planned. It is our aim to establish a forum for scientific cross fertilisation and network building - the meetings are open for all interested, but of course the main focus will be on satisfying the request from PM investigators.

It is the plan that the different Scientific Interest Groups will be responsible for one meeting a year.

Content of the meetings will be announced shortly. For now please reserve the dates:

02 September 2015

23 September 2015

28 October 2015

25 November 2015

20 January 2016

10 February 2016

16 March 2016

20 April 2016

18 May 2016

Ideas for topics can be reported to the organisers Marie Helleberg and Alvaro Borges via the mail: [Mail](#)

Status of projects in PERSIMUNE

Two projects already passed the PM review procedure and are underway in implementation:

1. Host genetics in patients with extreme infectious phenotypes
2. Microbial pathogens in patients with neutropenic fever

For the first project an application for ethical approval was submitted to ethics committee on 1 July. A job

posting for engagement of a research lab technician is under development with start date around 1st October - depending on ethics approval date.

For the second project, biobanking of stool samples will be initiated in August.

A couple of additional draft proposals are under development.

Establishing the retrospective cohort

In order to kick-start the data mining and pattern recognition to identify possible risk factors for development of infections, PM is collecting historic patient data from the identified patient groups. Apart from all transplant patients already in the database, we have identified historic patients from haematology and oncology so the total number of identified patients exceeds 30.000 - the data sweep function to collect lab and other relevant data from these patients is now ongoing.

Publications 2015

Development and Validation of a Risk Score for Chronic Kidney Disease in HIV Infection Using Prospective Cohort Data from the D:A:D Study. A Mocroft, JD Lundgren, M Ross, M Law, P Reiss, O Kirk, C Smith, D Wentworth, J Neuhaus, C A. Fux, O Moranne, P Morlat, MA Johnson, L Ryom, D:A:D study group, the Royal Free Hospital Clinic Cohort, and the INSIGHT, SMART, and ESPRIT study groups. [PLoS Med 2015 March 31, 12 \(3\)](#)

Clinical Application of Variation in Replication Kinetics During Episodes of Post-transplant Cytomegalovirus Infections. I.P. Lodding, H. Sengeløv, C. da Cunha-Bang, M. Iversenc, A. Rasmussen, F. Gustafsson, J.G. Downing, J. Grarup, N. Kirkby, C.M. Frederiksen, A.Mocroft, S.S. Sørensen, J.D. Lundgren, On behalf of the MATCH Programme Study Group. EBioMedicine (in press) [available online 8 May 2016.](#)

Borges ÁH, O'Connor JL, Phillips AN, Rönsholt FF, Pett S, Vjecha MJ, French MA, Lundgren JD; INSIGHT SMART and ESPRIT Study Groups and the SILCAAT Scientific Committee. Factors Associated With Plasma IL-6 Levels During HIV Infection. J Infect Dis. 2015 Feb 26. pii: jiv123 (in press). [available online](#)

This Newsletter

This Newsletter will be circulated broadly at RH and to the wider PM group and posted on www.PERSIMUNE.org, likewise announced on PM social media platforms

Thanks,
Jens Lundgren



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