## Oncode-CGC Annual Scientific Meeting 2021

**Monday, June 14**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>10.45 - 11.00</td>
<td>Online &quot;walk-in&quot;</td>
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<tr>
<td>11.00 - 11.10</td>
<td>Introduction by Moderator</td>
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<td>11.10 - 11.30</td>
<td>Welcome by Geert Kops; management board interview on Oncode Institute</td>
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<td>11.30 - 12.30</td>
<td>Session I (4x10 min + 5min Q&amp;A) Genome Regulation</td>
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<td>Retrospective analysis of enhancer activity and transcriptome history</td>
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<td>Beatrice Tan / Gribnau (+ 5min Q&amp;A)</td>
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<td>WAPL maintains a cohesin loading cycle to preserve cell-type-specific distal gene regulation</td>
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<td>Ning Qing Liu / de Wit (+ 5min Q&amp;A)</td>
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<td>Impact of chromatin context on Cas9-induced DNA double-strand break repair pathway balance</td>
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<td>Ruben Schep / van Steensel (+ 5min Q&amp;A)</td>
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<td>Perturbations in 3D genome organization can promote acquired drug resistance</td>
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<td>12.30 - 12.55</td>
<td>Patient Engagement in Basic Research</td>
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<td>The Patient Engagement Programme focuses on the researcher's role beyond the walls of the lab. It connects the world of Oncode's researchers to the world of our most important stakeholders: cancer patients. By establishing relationships with patients built on trust and mutual understanding, researchers can gain a deeper understanding of the needs of patients, while at the same time, awareness can be raised on the researchers' needs. In this session, Peter ten Dijke (Oncode group leader/LUMC) and Dieuwke Marvin (PhD student Ten Dijke group) will share their experiences within the Patient Engagement Programme and will highlight how basic research can benefit from engaging with cancer patients.</td>
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<tr>
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<td>Introduction by Colette ten Hove, Oncode Institute</td>
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<td>Peter ten Dijke and Dieuwke Marvin / ten Dijke Group</td>
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<td>12.55 - 13.00</td>
<td>Instructions by moderator on lunch programme</td>
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<td>13.00 - 14.00</td>
<td>Lunch – networking and posters in Network app</td>
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<td>13.30</td>
<td>Meet the speakers (online only)</td>
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<td>14.00 - 14.45</td>
<td>Online Digital poster sessions in Gather.town</td>
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<td>14.45 - 14.50</td>
<td>Introduction moderator session II by Marlinde Smit / Oncode Institute</td>
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<td>14.50 - 15.50</td>
<td>Session II (4x10 min) - The potential clinical impact of fundamental research</td>
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|             | Oncode would like to encourage researchers to think about the clinical applicability of their research, even when their research is fundamental. We have therefore invited 4 researchers for a customized workshop with Paul de Koning, the chair of our OEDES team, to discuss how they could potentially bring their fundamental research to the clinic. During the Annual Meeting, the speakers of this session would like to encourage researchers to think about the clinical applicability of their research, even when their research is fundamental. We have therefore invited 4 researchers for a customized workshop with Paul de Koning, the chair of our OEDES team, to discuss how they could potentially bring their fundamental research to the clinic. During the Annual Meeting, the speakers of this session...
will present their latest research, but will also shortly discuss what they have learned during the clinical workshop. 

Genetic screen reveals therapeutic vulnerabilities in BAP1 loss associated Mesothelioma  
Gaurav K. Pandey / Lohuizen (+ 5min Q&A) 

Cancer-induced Sloppiness in protein production  
Julien Champagne / Agami (+ 5min Q&A) 

Reading PARYlation  
Katarzyna Kliza / M. Vermeulen (+ 5min Q&A) 

Identifying novel target therapies for paediatric malignant rhabdoid tumours using patient-derived tumour organoids  
Camilla Calandrini / Drost (+ 5min Q&A) 

15.50 - 16.05 Science Art Prize - Scientific Storytelling 
16.05 - 16.35 Afternoon Break including online networking and poster sessions 
16.05 - 16.35 Meet the speakers (zoom) 
16.35 - 17.50 Session III (5x 10 min + 5min Q&A) - DNA repair mechanism & Genome stability  
Chromosomal copy number heterogeneity predicts survival rates across cancers  
Daniel Miedema / L. Vermeulen (+ 5min Q&A) 

From incision to excision: active DNA damage eviction by HLTF stimulates repair.  
Marvin van Toorn / Marteijn (+ 5min Q&A) 

Inducing specific aneuploidies in human cells by single chromosome manipulation  
My Anh Truong / Lens (+ 5min Q&A) 

Cancer-Promoting Properties of The BRCA2-Binding Germline Protein HSF2BP  
Alex Zelensky / Kanaar (+ 5min Q&A) 

SWI/SNF chromatin remodeling complexes promote genome stability by regulating nucleotide excision and homologous recombination repair  
Carlota Davo-Martinez / W. Vermeulen (+ 5min Q&A) 

17.50 - 18.00 Summary and closing day 1 and preview day 2 
18.00 - 18.30 Meet the speakers (Zoom) 
18.30 End of conference day 1 

Tuesday, June 15 

09.30 - 10.00 Early Bird Session: Grant applications – ask me anything  
Veerle Fleskens and Alexander Turkin / Oncode Institute 

10.15 - 10.30 Online "walk-in" 
10.30 - 10.35 Introduction by Moderator (5min) 
10.35 - 11.50 Session IV (5x10 min + 5min Q&A) - Tumour Micro Environment & Tumour Immunology  
Tumor-educated Tregs drive lymph node metastasis through local inhibition of NK cells in breast cancer  
Kevin Kos / de Visser (+ 5min Q&A) 

Intracellular lactate retention in human regulatory T cells is essential for their suppressive function  
Sander de Kivit / Borst (+ 5min Q&A) 

Understanding and targeting subtype specific metabolic rewiring of macrophages in glioblastoma  
Daan Kloosterman / Akkari (+ 5min Q&A) 

A YAP-induced fetal state facilitates the metastatic journey in CRC
Mirjam van der Net / Gloerich (+ 5min Q&A)
**Clonal advantage and malignant transformation of Csnk1a1 haploinsufficient hematopoietic progenitors**
Ursula Stalmann / Schneider (+ 5min Q&A)

11.50 - 12.10 **Open Science Interview**
Bas van Steensel
During this Annual Scientific Meeting, we will shine light on the Oncode Open Science culture and facilitate knowledge transfer on data stewardship. Bas van Steensel will take you along in his practical experiences with pre-print publications, sharing research data and generally establishing an Open Science culture in his lab.

12.10 - 12.40 **Coffee corner with Oncode Bridge Fund**
Oncode Bridge Fund is set up to support the creation and development of new companies that are based off of Oncode Researcher’s scientific discoveries. It does this through early-stage financing to commercially viable enterprises in order to accelerate research translation into market-ready investment opportunities. In this informal coffee chat session, Shobhit Dhawan (Fund Manager, Oncode Bridge Fund) will briefly introduce the Bridge Fund and share with you all the resources available at Oncode that can facilitate your entrepreneurship aims. Through the lens of a case study, you will understand what to consider when considering the company creation route for your research and how to make this process viable at each stage.
Shobhit Dhawan / Oncode BV
Amber Liu / Oncode Institute

12.40 - 13.40 **Lunch – networking and posters**

12.40 - 13.10 **Meet the speakers (Zoom)**

13.40 - 14.25 **Online Digital poster sessions in Gather.town**

14.25 - 14.30 **Introduction moderator session V / onsite walk in**

14.30 - 15.30 **Session V (4x10 min + 5min Q&A) - New Technologies**
**Spying on viruses: translation and replication dynamics of single RNA viruses**
Sanne Boersma / Tanenbaum (+ 5min Q&A)

**Increase testing capacity of SARS-CoV-2 infection screening**
Peter Krijger / de Laat (+ 5min Q&A)

**Genome-wide mapping of DNA double-strand break repair in single cells**
Kim de Luca / Kind (+ 5min Q&A)

**Ribosomal profiling in single cells reveals cell-cycle dependent translational pausing**
Michael Vaninsberghe / Oudenaarden (+ 5min Q&A)

15.30 - 15.40 **Data stewardship in practice**
In this session, Judith Boer – clinical genomics researcher at the Princess Máxima Center – will share their approach to data stewardship. Her experience in making scientific data easy to understand, allow follow-up studies and share data to answer new questions. She will highlight the advantages of continuous attention and a practical approach towards data stewardship and how they achieve these successes as a research group.
Judith Boer / Princess Máxima Center

15.40 - 16.10 **Afternoon Break including online networking and poster sessions**

15.40 - 16.10 **Meet the speakers (Zoom)**

16.10 - 17.10 **Session VI (4x 10min + 5min Q&A) - Bench to clinic**
**Truncated FGFR2 is a clinically actionable oncogene in multiple cancers**
Daniel Zingg / Jonkers (+ 5min Q&A)
Hormone cycle stage determines chemosensitivity of breast cancer in mice and patients
Laura Bornes / van Rheenen (+ 5min Q&A)

Chemotherapy accelerates genomic aging of normal blood in children treated for cancer
Axel Rosendahl Huber / van Boxtel (+ 5min Q&A)

Killing the beast while sleeping: Exploiting senescence for the treatment of cancer
Li Qin Wang / Bernards (+ 5min Q&A)

17.10 - 17.30  Short break
17.10 - 17.30  Meet the speakers (Zoom)
17.30 - 17.35  Introduction Keynote speaker by Lodewyk Wessels
17.35 - 18.05  Keynote speaker - Trey Ideker, Ph.D. University of California, San Diego, USA
Building the Mind of Cancer
18.05 - 18.15  Q&A
18.15 - 18.20  Summary and closing day 2
18.20           End of conference day 2