



**Summer course in Pediatric Oncology:  
Childhood Cancer, State-of-the-art treatment, innovative (bio)medicine  
and patient centered care**

*summerschool*  
**UTRECHT**

<b>Day 1</b>		<b>Title</b>		<b>Presenters</b>
<b>Monday July 14th, 2025</b>		<b>START SUMMER COURSE</b>		<b>Chairman: Natasja Dors/Annemarie Peek</b>
09:30-10:15	Plenary	Welcome and Introduction	<b>Introduction to the Princess Máxima Center</b> <i>Welcome!</i>	
10:15-10:45	Plenary	Who are you?	<b>Get to know your fellow Summer School Students!</b> <i>We want you to get to know each other, since you'll be spending a lot of time together this week! Prepare to present yourself!</i>	
10:45-11:00		<b>SHORT BREAK 1</b>		
11:00-12:00	Plenary	State-of-the-art lecture	<b>Interview with child and the parents</b> <i>What happens when your child is seriously ill and needs intensive treatment? What is the impact on your family's life?</i>	
12:00-13:30		<b>LUNCH</b>		
13:30-14:30	Workshop	Workshop 1 <i>(Bio)Medical</i>	<b>What is the role of the pharmacy in the treatment of pediatric oncology patients?</b> <i>What exactly is chemotherapy and how does it work? And what other medications are vital for our patients?</i>	
14:30-14:45		<b>SHORT BREAK 2</b>		
14:45-15:45	Workshop	Workshop 2 <i>Psychosocial / Quality of Life</i>	<b>Children develop and discover the world</b> <i>What happens to the normal development when a child is seriously ill and how can we influence that?</i>	
15:45-16:00		<b>SHORT BREAK 3</b>		
16:00-17:00	Plenary		<b>Childhood Cancer: past, present and future</b> <i>We will give you an overview of the development of childhood cancer</i>	
17:00-17:15	Plenary	Wrap-up and week assignment	<b>How can you make a change in pediatric oncology?</b> <i>Give us your brilliant ideas!</i>	
17:00-18:30		<b>Snacks and Italian buffet! Get to meet your fellow students and our staff in an informal way during this social gathering</b>		



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<b>Day 2</b>			<b>Title</b>	<b>Presenters</b>
<b>Tuesday July 15th, 2025</b>		<b>SOLID TUMORS</b>	<b>Chairman: Leendert Looijenga &amp; Annelies Mavinkurve</b>	
08.45-09.15	Optional		<i>Tour at the Princess Máxima Center + labs Maximum of 15 people, please enlist on Monday</i>	
09:30-09:45	Plenary	Welcome	<b>Introduction</b> <i>Today, we will focus on different aspects of Germ Cell Tumours and Gonadal Tumours in children, adolescents and young adults. We will give an introduction of today's program and will challenge and expand your current knowledge!</i>	
09:45-10:30	Plenary	General overview	<b>Preclinical and clinical aspects of Germ Cell Tumours</b> <i>An introductory overview of the current approaches related to diagnosis and follow up as well as clinical – and preclinical research on germ cell tumours will be given.</i>	
10:30-10:45		<b>SHORT BREAK 1</b>		
10:45-12:00	Plenary	State-of-the-art lectures	<b>How to approach children and adolescents with testicular and ovarian lesions?</b> <i>We will give you an overview of the current standard of diagnostics and treatment in children, adolescents and young adults with a testicular or ovarian lesion.</i>	
12:00-13:30		<b>LUNCH</b>	<i>Get to know our staff at the Princess Máxima Center</i>	
13:30-14:30	Workshop	Workshop 1 (Bio)Medical	<b>Fertility preservation</b> <i>How do we preserve fertility in children with cancer?</i>	
14:30-14:45		<b>SHORT BREAK 2</b>		
14:45-15:45	Workshop	Workshop 2 Psychosocial / Quality of Life	<b>Gonadal Tumours and predisposition syndromes</b> <i>How do we counsel patients and families/caretakers with predisposition syndromes in general, and with gonadal tumours specifically.</i>	
15:45-16:00		<b>SHORT BREAK 3</b>		
16:00-17:00	Plenary		<b>Cisplatin resistance in Germ Cell Tumours, a unique approach</b> <i>Insights will be given related to experimental approaches to identify clinical relevant information regarding treatment sensitivity and resistance of germ cell tumours.</i>	



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Day 3		Title		Presenters
<b>Wednesday July 16th, 2025</b>		<b>HEMATO-ONCOLOGY</b>		<b>Chairman: Josef Vormoor &amp; Olaf Heidenreich</b>
08:45-09:15	Optional		<i>Tour at the Princess Máxima Center + labs Maximum of 15 people, please enlist on Monday</i>	
09:30-10:15	Plenary	Welcome	<b>Introduction: Leukemia and Lymphoma</b> <i>What is Leukemia, what is a lymphoma exactly? A general introduction will be given with a special focus on lymphoma.</i>	
10:15-11:15	Plenary	Meet a patient	<b>Meet a parent of a child with leukemia</b>	
11:15-12:00		<b>LONG MORNING BREAK</b>		
12:00-13:00	Plenary	State-of-the-art lecture	<b>Acute Lymphoblastic Leukemia (ALL)</b> <i>We will give you an overview of the current diagnostics and treatment of ALL and discuss the ideal treatment in the future.</i>	
13:00-13:30		<b>SHORT LUNCH</b>		
13:30-14:30	Workshop	Workshop 1 <i>(Bio) Medical</i>	<b>Precision medicine in hematological malignancies</b> <i>What is the answer to high risk disease or relapse? More intensive chemotherapy, or precision medicine? What is it exactly and how does it work?</i>	
14:30-14:45		<b>SHORT BREAK 2</b>		
14:45-15:45	Workshop	Workshop 2 <i>Psychosocial / Quality of Life</i>	<b>Supportive care</b> <i>What can we do to optimize quality of life during this intensive treatment? (including differences between high income and low and middle income countries)</i>	
15:45-16:00		<b>SHORT BREAK 3</b>		
16:00-17:00	Plenary	Interactive session	<b>Multidisciplinary Team Meeting: Do it yourself!</b> <i>We work in a multidisciplinary hospital, because a patient never has just one problem. This patient therefore always has several health care professionals. And how do they work together for that one patient? Let us know!</i>	





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<b>Day 4</b>				<b>Title</b>	<b>Presenters</b>
<b>Thursday July 17th, 2025</b>		<b>NEURO-ONCOLOGY</b>		<b>Chairman: Esther Hulleman &amp; Esther van Mastrigt</b>	
08:45-09:15	<i>Optional</i>			<i>Tour at the Princess Máxima Center + labs Maximum of 15 people, please enlist on Monday</i>	
09:30-09:45	Plenary	Welcome		<b>Introduction to pediatric brain tumors</b> <i>There is no such thing as 'a brain tumor'</i>	
09.45-10.30	Workshop	Group discussion	<b>Virtual tumor board</b> <i>Clinical decision making.</i>		
10:30-10:45		<b>SHORT BREAK 1</b>			
10:45-11:15	Plenary	State-of-the-art lecture		<b>Development in pathological diagnostics</b> <i>We will show you the possibilities of histological and molecular diagnostics in neuropathology.</i>	
11.15-12.00	Plenary	State-of-the-art-lecture		<b>Neuropsychological consequences of brain tumors</b> <i>Neuro-oncology patients are at great risk of non-accidental brain injury. We will tell you more about this very important late effect.</i>	
12:00-13:00		<b>LUNCH</b>		<b><i>Work on your week assignment with your fellow students!</i></b>	
13:00-13:30	Workshop	Workshop 1 <i>(Bio)medical</i>		<b>Phase I/II studies might be combined with biology</b> <i>In this workshop you will learn more about the current phase I/II studies and what role biology of tumor cell plays in this.</i>	
13:30-14:30	Workshop	Workshop 2		<b>Child comfort care</b>	

		<i>Palliative care</i>	
14.30-15.00	Plenary	State-of-the-art-lecture	<b>Tumor Donation Study</b> <i>About the value of studying tumor evolution</i>
15.00-16.00		<b>LONG BREAK</b>	<b><i>Work on your week assignment with your fellow students!</i></b>
16:00-17:00	Plenary	State-of-the-art-lecture	<b>Radiotherapy</b>

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<b>Day 5</b>		<b>Title</b>		<b>Presenters</b>	
<b>Friday July 18th, 2025</b>		THE FUTURE		<b>Chairman: Natasja Dors</b>	
<i>Utrecht Summer School, Janskerkhof 30, 3512 BN Utrecht</i>		<b>Key drop off</b>			
10:00-10:15	Plenary	Welcome	<b>Introduction</b>		
10:15-11:15	Plenary	Pitches	<b>Your brilliant ideas on how to make a change in pediatric oncology</b> <i>Pitches of the students with their novel and innovative ideas for the future of pediatric oncology, for our center and other centers across the world. And of course for our patients and their families.</i>	Faculty = jury	
11:15-11:30		<b>SHORT BREAK</b>			
11:30-12:30	Plenary	State-of-the-art lecture	<b>2040... The future!</b> <i>We have come a long from the beginning of pediatric oncology in the 1960's. But we still have ways to go in the future. What will be in store for us and our patients?</i>		
12:30-13:00	Plenary	Closing lecture	<b>Certificates and Farewells</b>		
13:00-14:00		<b>LUNCH</b>	<b><i>Our Farewell lunch!</i></b>		