

# SCIENTIFIC PROGRAM

<p><b>9:00</b> <b>Franz X. Heinz</b> (Organising Committee) <b>Wolfgang Schütz</b> (Rektor, Medical University Vienna)</p> <p><b>9:20</b> <b>Georg Stingl</b> (Medical University Vienna) <i>Karl Landsteiner's discovery of poliovirus in Vienna</i></p> <p><b>9:35</b> <b>Neal Nathanson</b> (University Pennsylvania, USA) <i>The epidemiology of poliomyelitis, a historical perspective</i></p> <p><b>10:10</b> <b>Jeffrey Almond</b> (Sanofi Pasteur, Lyon, France) <i>Poliovirus vaccines, their development and use, now and in the future</i></p> <p>COFFEE BREAK (10:45 - 11:15)</p> <p><b>11:15</b> <b>James Hogle</b> (Harvard University, USA) <i>Structure and function of the poliovirus particle</i></p> <p><b>11:50</b> <b>Eckard Wimmer</b> (Stony Brook University, USA) <i>Poliovirus - A 100-year Pathfinder</i></p> <p><b>12:25</b> <b>Vadim Agol</b> (Moscow State University, Russia) <i>Stability, instability and organisation of the poliovirus genome</i></p> <p>LUNCH (13:00 - 14:00)</p>	<p><b>14:00</b> <b>Rudolf Tangermann</b> (World Health Organisation, Geneva, Switzerland) <i>The poliovirus eradication campaign</i></p> <p><b>14:35</b> <b>Robert S. Scott</b> (Rotary Foundation of Rotary International, Evanston, USA) <i>The Plus of PolioPlus - Rotary International's role in eradicating polio</i></p> <p><b>14:55</b> <b>Linda Venczel</b> (Bill and Melinda Gates Foundation, Seattle, USA) <i>Gates Foundation's role in eradicating polio</i></p> <p>COFFEE BREAK (15:15 - 15:45)</p> <p><b>15:45</b> <b>Olen M. Kew</b> (Centers for Disease Control and Prevention, Atlanta, USA) <i>The genetics of poliovirus eradication</i></p> <p><b>16:20</b> <b>Konstantin Chumakov</b> (US Food and Drug Administration, Maryland, USA) <i>Obstacles in poliovirus eradication</i></p> <p><b>16:55</b> <b>Neal Nathanson</b> (Chair) <i>Open discussion: The endgame of poliovirus eradication</i></p> <p><b>17:40</b> <b>Neal Nathanson</b> (University Pennsylvania, USA) Conclusions</p>
--	---

# 1909 1931 1948 1955 1961 1988 2008 2009

<p><b>1909</b> Karl Landsteiner and Erwin Popper discover that poliomyelitis is caused by a virus &gt;</p>	<p><b>1931</b> Sir Macfarlane Burnet and Dame Jean MacNamara identify 3 poliovirus types &gt;</p>	<p><b>1948</b> Thomas Weller, John Enders and Frederick Robbins accomplish the growth of poliovirus in tissue culture &gt;</p>	<p><b>1955</b> First inactivated poliovirus vaccine (IPV) developed by Jonas Salk becomes available and mass vaccinations start &gt;</p>	<p><b>1961</b> Attenuated poliovirus live oral vaccine (OPV) developed by Albert Sabin against all three poliovirus types becomes available and replaces IPV in immunization campaigns &gt;</p>	<p><b>1988</b> About 350,000 polio cases, launch of the WHO global eradication Program with the target to eradicate polio by the year 2000 &gt;</p>	<p><b>2008</b> Still about 2,600 polio cases &gt;</p>	<p><b>2009</b> Bill &amp; Melinda Gates Foundation, Rotary International, governments of Great Britain and Germany donate more than \$630 million for global poliovirus eradication. &gt;</p>
--	---	--	--	---	---	---	---

## INTERNATIONAL SYMPOSIUM | NOVEMBER 20, 2009 | VIENNA, AUSTRIA

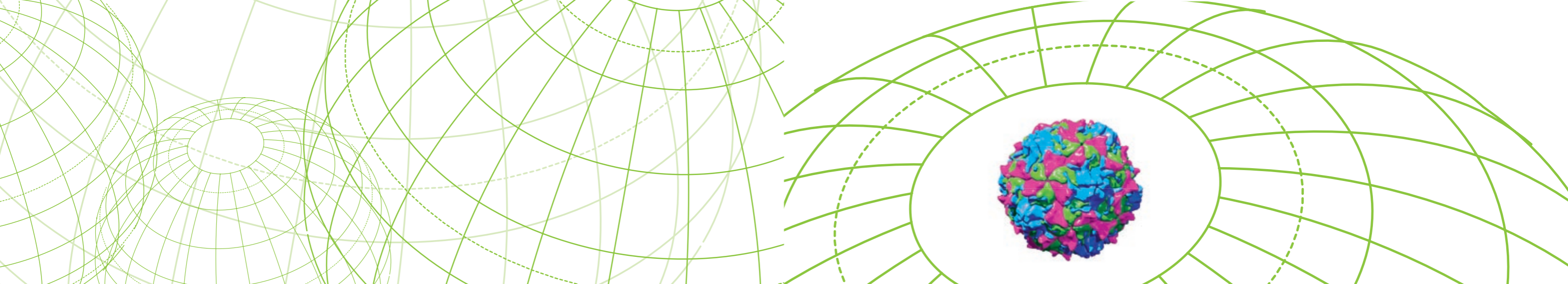
UNDER THE AUSPICES OF THE AUSTRIAN ACADEMY OF SCIENCES AND THE MEDICAL UNIVERSITY OF VIENNA

Meeting Location: Austrian Academy of Sciences, Dr. Ignaz Seipel-Platz 2, Vienna  
The symposium will celebrate the discovery in 1909 of poliovirus by the Viennese scientist Karl Landsteiner, discuss our current state of knowledge on poliovirus biology as well as the prospects for the eradication program.

Organising Committee: Franz X. Heinz, Dieter Blaas, Tim Skern, Georg Stingl, Eckard Wimmer  
**For more information and registration: [www.meduniwien.ac.at/100yearspolio](http://www.meduniwien.ac.at/100yearspolio)**

With the support of the Austrian Society for Hygiene, Microbiology and Preventative Medicine and the Austrian Association for Molecular Life Sciences and Biotechnology





For more information and registration:  
[www.meduniwien.ac.at/100yearspolio](http://www.meduniwien.ac.at/100yearspolio)

**Fee for participation: €50**  
**Registered Students: €10**



# 100 YEARS POLIOVIRUS

## FROM DISCOVERY TO ERADICATION

