

**CARTA Public Symposium**  
**Mismatch: Human Origins and Modern Disease**

**Friday, May 16, 2025**  
**10:00 AM-2:30 PM (Pacific)**

[Watch via the Public Symposium Event Page](#)

**SCHEDULE**

	TIME ZONES				
	PACIFIC (PDT)	CENTRAL (CDT)	EASTERN (EDT)	UNITED KINGDOM (BST)	GERMANY, SWITZERLAND (CEST)
<b>Pre-show: Playing of CARTA rotating slides</b>	9:30-10:00 AM	11:30 AM-12:00 PM	12:30-1:00 PM	5:30-6:00 PM	6:30-7:00 PM
<b>WELCOME</b> Pascal Gagneux, UC San Diego CARTA Executive Co-Director	10:00-10:03 AM	12:00-12:03 PM	1:00-1:03 PM	6:00-6:03 PM	7:00-7:03 PM
<b>OPENING REMARKS</b> Stephen Stearns, Yale University Event Co-Chair	10:03-10:08 AM	12:03-12:08 PM	1:03-1:08 PM	6:03-6:08 PM	7:03-7:08 PM
<b>SESSION 1: CHAIRED BY STEPHEN STEARNS</b>					
<b>1) CANCER IS NORMAL DEVELOPMENT SPUN OUT OF CONTROL</b> Steve Frank, UC Irvine	10:08-10:24 AM	12:08-12:24 PM	1:08-1:24 PM	6:08-6:24 PM	7:08-7:24 PM
<b>2) THE EVOLUTION OF POWERFUL YET PERILOUS IMMUNE SYSTEMS</b> Andrea Graham, Princeton University	10:24-10:43 AM	12:24-12:43 PM	1:24-1:43 PM	6:24-6:43 PM	7:24-7:43 PM
<b>3) IS THERE A POINT TO PERIODS? THE EVOLUTIONARY HISTORY OF MENSTRUATION AND IMPLICATIONS FOR WOMEN'S HEALTH</b> Deena Emera, Buck Institute for Research on Aging	10:43-11:07 AM	12:43-1:07 PM	1:43-2:07 PM	6:43-7:07 PM	7:43-8:07 PM
<b>4) DOES THE PLACENTA DRIVE THE EVOLUTION OF CANCER MALIGNANCY?</b> Günter Wagner, Yale University	11:07-11:26 AM	1:07-1:26 PM	2:07-2:26 PM	7:07-7:26 PM	8:07-8:26 PM
<b>SESSION II: CHAIRED BY RUSLAN MEDZHITOV</b>					
<b>5) PRIMATE SKELETAL GENE REGULATION: CONSIDERING OSTEOARTHRITIS SUSCEPTIBILITY ACROSS EVOLUTIONARY SCALES</b> Genevieve Housman, Max Planck Institute for Evolutionary Anthropology	11:26-11:48 AM	1:26-1:48 PM	2:26-2:48 PM	7:26-7:48 PM	8:26-8:48 PM
<b>6) OSTEOARTHRITIS, BACK PROBLEMS, DIFFICULT BIRTH – SCARS OF OUR EVOLUTION?</b> Martin Häusler, University of Zürich	11:48 AM-12:08 PM	1:48-2:08 PM	2:48-3:08 PM	7:48-8:08 PM	8:48-9:08 PM
<b>7) BIOCULTURAL REPRODUCTION: THE HUMAN STYLE OF HYPER-COOPERATION</b> Barry Bogin, Loughborough University	12:08-12:26 PM	2:08-2:26 PM	3:08-3:26 PM	8:08-8:26 PM	9:08-9:26 PM
<b>8) THE INDUSTRIALIZED GUT MICROBIOME</b> Justin Sonnenburg and Erica Sonnenburg, Stanford University	12:26-12:45 PM	2:26-2:45 PM	3:26-3:45 PM	8:26-8:45 PM	9:26-9:45 PM
<b>9) THREE SMOKES IN THE EVOLUTION OF THE HUMAN EXPOSOME</b> Caleb Finch, University of Southern California	12:45-1:03 PM	2:45-3:03 PM	3:45-4:03 PM	8:45-9:03 PM	9:45-10:03 PM
<b>LIVE QUESTION &amp; ANSWER SESSION</b>	1:03-2:20 PM	3:03-4:20 PM	4:03-5:20 PM	9:03-10:20 PM	10:03-11:20 PM
<b>WRAP-UP</b> Ruslan Medzhitov, Yale School of Medicine Event Co-chair	2:20-2:25 PM	4:20-4:25 PM	5:20-5:25 PM	10:20-10:25 PM	11:20-11:25 PM
<b>CLOSING REMARKS</b> Pascal Gagneux, UC San Diego CARTA Executive Co-Director	2:25-2:30 PM	4:25-4:30 PM	5:25-5:30 PM	10:25-10:30 PM	11:25-11:30 PM
<a href="#">UPCOMING EVENTS</a> <a href="#">PAST SYMPOSIA VIDEO ARCHIVES</a>	<a href="http://CARTA.ANTHROPOGENY.ORG">CARTA.ANTHROPOGENY.ORG</a> <a href="#">SUPPORT CARTA</a>				<a href="#">CARTA NEWS</a> <a href="#">ABOUT CARTA</a>