

CONTINUING DENTAL EDUCATION  
School of Dentistry  
University of Minnesota

**13th ANNUAL ROBERT J. GORLIN CONFERENCE ON DYSMORPHOLOGY:  
Facial and Oral Structures: Molecular Perspectives**

Saturday-Sunday, October 22-23, 2005  
University of Minnesota, School of Dentistry,  
2-530 Moos HS Tower

**FINAL PROGRAM**

**Saturday, October 22, 2005**

9:00	Opening Remarks	<b>Robert J. Gorlin</b> <b>Guilan Norouzi</b>
9:30	Molecular Embryology of the Face	<b>Jill A. Helms</b>
10:30	The Hedgehog Signaling Network	<b>M. Michael Cohen, Jr.</b>
11:30	Refreshment break	
11:45	Molecular Basis of Craniosynostosis	<b>Andrew O. M. Wilkie</b>
12:45	Luncheon (included)	
1:45	The New Bone Biology and Some Disorders of Bone	<b>M. Michael Cohen, Jr.</b>
2:45	Molecular Basis of Tooth Development	<b>Irma Thesleff</b>
3:45	Refreshment break	
4:00	Molecular Basis of Tooth Patterning Defects	<b>Rena N. D'Souza</b>
5:00	Adjourn	

Please join us for a reception for Dr. Gorlin. The reception will be held in the Humphrey Ballroom at the Radisson Metrodome Hotel, immediately across the street from the dental school. Complimentary wine, beer and hors d'oeuvres will be served from 5:00 to 7:00 p.m.

**Sunday, October 23, 2005**

9:00	Ivory: The Worker of the Tooth	<b>Robert J. Gorlin</b>
10:00	Molecular Basis of Cleft Lip and Palate	<b>Jeffrey C. Murray</b>
11:00	Refreshment break	
11:15	Genes and Pathogenesis of Ectodermal Dysplasia Syndromes	<b>Irma Thesleff</b>
12:15	Luncheon (included)	
1:30	Studies of Amelogenesis Imperfectas: Genotype and Phenotype	<b>J. Timothy Wright</b>
2:30	Molecular Basis of Dentin Defects	<b>Mary McDougall</b>
3:30	Cathepsin C Associated Periodontitis	<b>Thomas Hart</b>
4:30	Adjourn	

## **SPEAKERS**

**M. Michael Cohen, Jr.**, DMD, PhD, FCCMG, Professor Emeritus, Department of Pediatrics, Faculty of Medicine, Dalhousie University, Halifax, Nova Scotia, Canada.

**Rena N. D'Souza**, DDS, MS, PhD, Professor and Director of Research, Director, UT-TORCH, (UT-H Comprehensive Research Training and Development Program in Craniofacial Biology and Medicine), The University of Texas Health Science Center at Houston, Department of Orthodontics.

**Robert J. Gorlin**, DDS, MS, DSc, Regents' Professor Emeritus, Division of Oral Pathology, Department of Diagnostic and Biological Sciences, School of Dentistry, University of Minnesota.

**Thomas Hart**, DDS, PhD, Clinical Director, Division of Intramural Research, Clinical Research Core; Chief, Human Craniofacial Genetics Section, National Institute of Dental and Craniofacial Research, Bethesda, Maryland.

**Jill A. Helms**, DDS, PhD, Professor, Department of Plastic and Reconstructive Surgery, Stanford University.

**Mary McDougall**, PhD, Professor and Associate Dean for Research; Director, Institute of Oral Health Research, University of Alabama School of Dentistry at UAB, Department of Oral and Maxillofacial Surgery.

**Jeffrey C. Murray**, MD, Professor, Pediatrics, University of Iowa.

**Irma Thesleff**, DDS, PhD, Professor and Research Director, Developmental Biology Research Program, Institute of Biotechnology, University of Helsinki.

**Andrew O. M. Wilkie**, DM, FRCP, FMedSci, Nuffield Professor of Pathology and Honorary Consultant in Clinical Genetics, Weatherall Institute of Molecular Medicine, University of Oxford, John Radcliffe Hospital.

**J. Timothy Wright**, DDS, MS, Professor, Pediatric Dentistry, School of Dentistry, University of North Carolina at Chapel Hill.