COST ACTION B23
“Oral-facial development and regeneration”

Working Groups, 3, and 4 and Management Committee Meeting

“NEW FRONTIERS IN ORAL FACIAL REGENERATION:
From the lab’s bench to the patient’s bedside”

VENUE

“Gran Hotel Rey Don Jaime”
Avenida del Hotel, 22
Castelldefels,
Barcelona, Spain

LOCAL ORGANISER
Dr. Mª Cristina Manzanares Cespedes
Universidad de Barcelona
Unitat d’Anatomia
5ª planta, Pauellos de Govern,
Campus de Bellvitge-UB
L’Hospitalet de Llobregat
Barcelona
08907 ESPANA
Tel : +34 93 402 4261
FAX : +34 93 4029082
E-mail : mcmanzanares@ub.edu

DATES
31 MAY-2 JUNE 2007
SCIENTIFIC PROGRAMME

“NEW FRONTIERS IN ORAL FACIAL REGENERATION:
From the lab’s bench to the patient’s bedside”

31 May 2007

10h’ Opening ceremony

10h30h Keynote Lecture: Multidisciplinary approach to the facial clefts: the clinician’s touch. Dr. T Coelho, Hospital Sao Joao-Facultade de Medicina, Universidade de Porto, PORTUGAL

11h30’: Coffee-break

12h: WORKING GROUP 3: GENETIC ANOMALIES

   Chairs: A Bloch-Zupan, JM Ustrell-Torrent. Oral Communications

12h10: New clinical features and new genetic events in Gorlin syndrome, P Gorry, Bordeaux, France.
12h25: Prevalence Of Tooth Agenesis And Related Pathologies In A Spanish Population, V Tallon, Barcelona, Spain
12h40: Causal Gene Evaluation Of Cleft Lip And/Or Palate Patients, I Grinfelde, Riga, Latvia
12h55: Craniofacial And Bone Phenotypes Associated To X-Linked Hypohidrotic Ectodermal Dysplasia (Xlhed), F Clauss, Strasbourg, France
13h10: Oral-dental Malformations. Prevalence, Phenotype-Genotype Relationship And Associated Pathologies, M Gouveia, Porto, Portugal
13H25: Prevalence of Tooth Agenesis and related pathologies in the Barcelona University Dental Clinic A Ureta, Barcelona, Spain
13h40: Cleft Lip And Palate Epidemiology Based On A Hospital Sample – Hospital São João Of Porto, J. Correia-Pinto, Porto, Portugal

14h: Lunch
15h30: Chairs: K. Heikinheimo, F Unda. Oral Communications
15h40: The Clinical Relevance Of Demarcing The Frontonasal Field In The Human Face, Cranium And Dentition, I Kjaer, Copenhagen, Denmark
15h55: Genomic Characterization Of Keratocystic Odontogenic Tumour (Odontogenic Keratocyst) Associated With Nevoid Basal Cell Carcinoma Syndrome; J Jee, Turku, Finland
16h10: Is Unexpected Early Apical Resorption Of Primary Teeth A Clinical Sign Which Predispose For Resorption Of Permanent Teeth? ML Bille, Copenhague, Denmark,
16h25: Epiprofin/SP6, A Zinc-Finger Transcription Factor, Is Essential For Ectodermal Tissue Formation, L Jiménez, Vizcaya, Spain
16h30': Coffee break
16H40: Tooth Phenotype On The Tbx1 Mouse Model For Digeorge Syndrome, J Catón, London UK
16H55: TGF-β1 and TGF-β3 in Cell Death During Palate Fusion, C Martínez, Madrid, Spain
17H10: Changes Observed Over Time In Nociceptive Fiber Development After Neonatal Capsaicin Treatment, T Krage, Duesseldorf, Germany

1 June 2007

10h WORKING GROUP 4: TISSUE REGENERATION/APPLICATIONS
:Keynote Lecture: "Role of microenvironment squamous epithelial stem cells".
Prof. Dr Yann BARRANDON, École Polytechnique Fédérale de Lausanne, SWITZERLAND

11h: Coffee break

11h 30’ Chairs: I Bindermann, F. Ventura-Pujol. Oral Communications
11h40: Dentonin, a MEPE fragment, initiates pulp healing response to injury; M Goldberg, Paris, France
11h55: Molecular Changes During Early Phases Of Bone Regeneration, H Bahar, Jerusalem, Israel
12h10: Human Gingival, Periodontal Ligament And Alveolar Bone Cell Cultures: A Comparative Study, MH Fernandes, Porto, Portugal
12h25: Alveolar bone loss is triggered by extracellular ATP and its receptor P2X4 in marginal gingival fibroblasts, I Binderman, Jerusalem, Israel
12h40: Ultrastructural Analysis Of Pericyte Distribution And Migration After Pulp-Capping In Rat Molars, I Lambrichts, Limburg, Belgium
12h55: Biological Response To Bone Substitutes: In Vitro Cell Culture Models, MH Fernandes, Porto, Portugal

13 h30: Lunch

15h: Chairs: H Magloire, R Pérez-Tomás. Oral Communications
15h10: Are Ancient Mechanisms Of Replacement Tooth Formation Conserved In Bony Fish?, A Huysseune, Ghent, Belgium
15h25: Use of evolutionary analysis of AMEL to validate amelogenesis imperfecta and some comments on AMEL polymorphism in humans, JY Sire, Paris, France
15h40: Complete Fusion And Reshaping Of Vertebral Bodies In Atlantic Salmon (Salmo Salar): An Unusual Type Of Regeneration, P. Eckardt Witten, Hamburg, Germany
15h55: Expression Of Mineralization–Related Gla Proteins During Regeneration Of Zebrafish (Danio Rerio) Fins, AB Brito, Faro, Portugal
16h10’: Phenotypic Plasticity Of Cranial And Pharyngeal Structures In An African Cichlid Fish, F Galis, Leiden, The Netherlands

16h30’: Coffee break

SOCIAL PROGRAMME
2 June 2007


10h30’ Chair: Michel Goldberg, MP Ginebra: Oral Communications
10h40: Long-Term Biocompatibility Of Isfet Sensors Using Human Gingival Fibroblast Cells: Preliminary Results, MH Fernandes, Porto, Portugal
10H55: Osteogenic Induction Of Human Mesenchymal Stem Cells In Response To Titanium Implant Surface Roughness, I Wall, London, UK
11h10: Influence On Technological Parameters At Structure Of Calcium Phosphates, K Salma, Riga, Latvia

11h 30’ Coffee break

12h: Chairs: Ralph Radlanski, J. Franch. Oral Communications
12h10: ABA (Active Bone Area): a qualitative and quantitative integral analysis method of the osseous tissues around implants. P Carvalho, Barcelona, Spain
12h25: Computational Simulation Of Bone Remodelling And Growth: Influence Of Mechanical Factors, JM García-Aznar, Zaragoza, Spain
12h40: The Differentiation Potential Of The Periodontal Tissues, P Brett, London, UK
12h55: Calcified Tissues Reaction in Contact with an Osteoconductive Implant Surface. I. Valdivia, Barcelona, Spain
13h10: Experimental and FEA evaluation and comparison of three dental implants systems, made with different materials, L. Carvalho, Aveiro, Portugal.
13h25:Comparative mandibulometric data after unilateral transection of the lower alveolar nerve in post-weaning rabbit. I. Valdivia, Barcelona, Spain

13h40h: Lunch
7th Management Committee Meeting of the COST ACTION B23
Castelldefels, Barcelona, Spain  2 JUNE 2007

15.00-17.00

DRAFT AGENDA

1. Welcome to the participants
2. Adoption of the Agenda
3. Approval of the Minutes of the 6th MC Meeting in Helsinki (4-7 May, 2006)
4. Information from the COST OFFICE
5. Information from the Chairman
6. STSMs
7. Dissemination of the results
8. Preparation of the final report
9. Proposal and discussion for a new year extension
10. Organisation of 8th MC Meeting (Zurich)
11. Web site of the COST ACTION B23
12. Any other business