

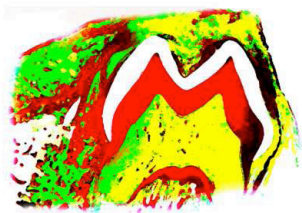
RESEARCH REPORT

10th Tooth Morphogenesis And Differentiation September 1-4, 2010 in Berlin (Germany)

R. J. Radlanski

Charité -Campus Benjamin Franklin at Freie Universität Berlin, Center for Dental and Craniofacial Sciences, Dept. of Craniofacial Developmental Biology, Assmannshauer Str. 4-6, 14197 Berlin, Germany. E-mail: ralfj.radlanski@charite.de

This meeting, Tooth Morphogenesis and Differentiation, TMD, has taken place for the 10th time. So, the meeting that took place in Berlin this fall, has been an anniversary meeting.



10th TMD

Tooth Morphogenesis and Differentiation

September 1 - 4, 2010 | Berlin, Germany

TMD stands for “Tooth Morphogenesis And Differentiation“. It is not a name of an organisation, or an institution. Instead, here, researchers interested in tooth development come together from all over the world. The topics cover craniofacial evolution and genetics, tooth development, molecular mechanisms in differentiation, mineralization and regeneration, stem cell applications, biotechnology, and tissue engineering. As tooth development

is seen as a model for any developmental process in biology, there have been two COST-actions, through which the European Union has fostered and sponsored researchers all over Europe to create networks related to the topics “Odontogenesis” (COST-action B8, 1995-2001) and “Craniofacial Morphogenesis” (COST-action B23, 2001-2008). The TMD-congresses have been advanced very much from the impact of these COST actions.



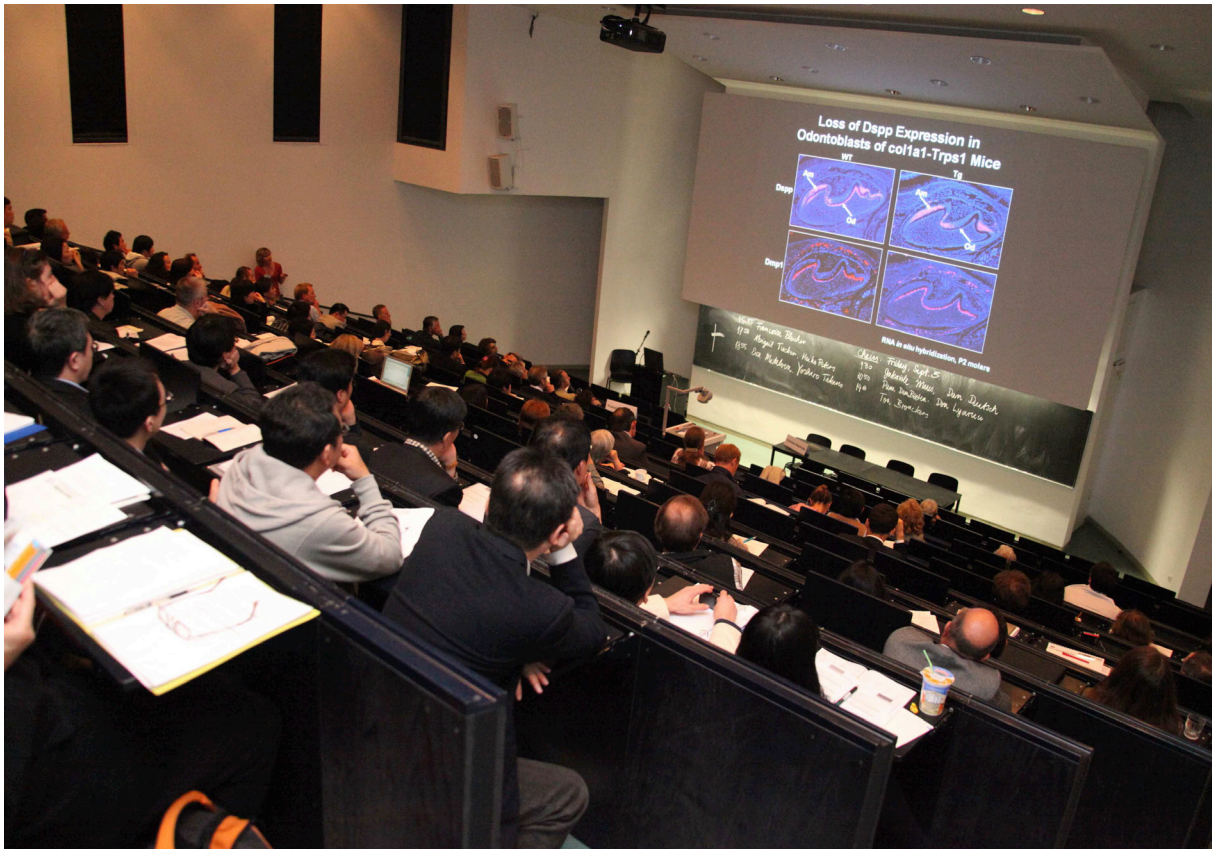
The 10th TMD-meeting was opened by a performance of the Purcell Consort Berlin.

The first congress of this kind has been organized by J. V. Ruch in Straßbourg in 1978. From then on it has taken place every 3 years. The following meetings of this kind that have taken place were: the 2nd TMD in Strasbourg in 1984 (Jean V. Ruch and A.B. Belcourt) the 3rd TMD in Aland (Irma Thesleff and Lars Hammarström) the 4th TMD in Arch et Senan (Michel Goldberg, Henry magloire, and Jean V. Ruch) the 5th TMD in 1994 in Keekrade in 1994 (Jo Wöltgen, Ton Bronckers and Don Lyaruu) the 6th TMD in 1997 in Gothenburg (Anders Linde) the 7th TMD in La Londe les Maures in 2001 (Henry Magloire, Jean-Christophe Farges and Françoise Bleicher), the 8th TMD in York in 2004 (Paul Sharpe), the 9th TMD in Zurich in 2007 (Tim Mitsiadis), the 10th TMD in Berlin in 2010 (Ralf

J. Radlanski) did cover the latest research in the related working fields and it enabled the participants to network further. It has become a tradition, that in these meetings, the young, emerging researchers are being given chances to supportively with the outstanding leaders in their area.

More than 150 participants from all over the world found their way to Berlin this time. The topics covered were:

- craniofacial evolution and genetics,
- tooth development,
- molecular mechanisms in differentiation,
- mineralization and regeneration,
- stem cell applications,
- biotechnology,
- tissue interaction,
- tissue engineering



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The meeting took place at Charité Campus Rudolf-Virchow, where there was a large lecture hall with a spacious hallway. There, the

posters were on display and snacks, beverages, meals, coffee and cookies were available all the time. That way, the participants found ideal surroundings for informally meet and network.

The organizers, well supported by mci-group, Berlin, did an outstanding job to give a framework for a meeting, where each participant could fully concentrate on exchanging scientific knowledge and ideas for the future. We are grateful to Cristina Manzanares, who opened the doors for a publication of our meeting in this Bulletin du Groupement International pour la Recherche Scientifique en Stomatologie et Odontologie.



Discussing science while eating and drinking: Ideal surroundings for a symposium.

Members of the scientific committee TMD 2010:

M. Bei (USA), F. Bleicher (France), A. Bloch-Zupan (France), T. Bronckers (Netherlands), Y. Chai (USA), P. Cooper (UK), R. D'Souza (USA), P. DenBesten (USA), D. Deutsch (Israel), K. Eto (Japan), K. Fried (Sweden), M. Goldberg (France), H. Harada (Japan), K. Heikinheimo (Finland), J. Helms (USA), A. Huisseune (Belgium), J. Jervall (Finland), H.-S. Jung (Korea), Y. Kuboki (Japan), H. Lesot

(France), A. Gritli-Linde (Sweden), A. Linde (Sweden), K. Luukko (Norway), H. Magloire (France), T. Mitsiadis (Switzerland), A. Nanci (Canada), H. Nordgarden (Norway), R. Peterkova (Czech Republic), H. Peters (UK), R. J. Radlanski (Germany), D. Rice (Finland), P. Sharpe (UK), S. Shi (USA), J.-Y. Sire (France), T. Smith (UK), M. Smith (UK), M. Snead (USA), Y. Takano (Japan), I. Thesleff (Finland), A. Veis (USA), E. Witten (Germany).



Group photo of all of the participants of the 10th TMD in Berlin, Sept. 1.-4, 2010.

It has been decided to have the next, the 11th, TMD-Meeting in France, and Francoise Bleicher will be in charge.