

List of Abstracts from the XVIIIth Congress of European Chemoreception Research Organization, ECRO–2008

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Increases in Intracellular Calcium Levels in the Mouse Olfactory Neurons Induced by IGF-I and 2-APB

Naoya Kamiyama, Tomohiro Noguchi, Hitoshi Matsui and Makoto Kashiwayanagi

Evaluation of Quantitative Characterization of Odor Adaptation

Tomoko Matsubasa, Yasuhiro Gomi, Sachiko Saito, Naomi Gotow and Tatsu Kobayakawa

Perceptual Odor Blending is Influenced by Chemical Complexity of Odorant Mixtures

Thierry Thomas-Danguin, Gérard Coureaud, Elodie Jarmuzek, Chantal Septier, Noëlle Béno, Patrick Etiévant and Elodie Le Berre

Olfactory Discrimination of Binary Mixtures of Amino Acids in Zebrafish (*Danio rerio*)

Maja Vučnik and Tine Valentinčič

Olfactory Discrimination of Similar Amino Acids in Different Groups of Genetically Altered Zebrafish (*Danio rerio*)

Nika Fon Leben and Tine Valentinčič

Newborn Rabbits Process Odour Mixtures in an Elemental and a Configural Way

G rard Coureaud, Thierry Thomas-Danguin, Younes Hamdani and Benoist Schaal

Purinergic Signaling in the Olfactory Epithelium

Thomas Hassenkl ver, Silvia Kurtanska, Stephan Junek, Ilonka Bartoszek, Detlev Schild and Ivan Manzini

Recording the Activation of the Human Olfactory System Using Odorant Evoked Contingent Negative Variation

Akiko Ishii, Corinne Eloit and Didier Trotier

Ligand-Specific Induction of Endocytosis in Taste Receptor Cells

Kjell B. D vning, Kirsten Sandvig and Alexander Kasumyan

Topic 30: Olfactory Transduction**The Physiological Role of Ion Channels Activated by Hyperpolarization and Cyclic Nucleotides in Mouse Vomeronasal Sensory Neurons**

Michele Dibattista, Andrea Mazzatenta, Francesca Grassi, Roberto Tirindelli and Anna Menini

The G-Protein γ -Subunit, G γ 8, in the Transduction of the Pheromonal Signal

Giorgia Montani, Simone Tonelli, Valentina Sanghez, Pier Francesco Ferrari, Paola Palanza, Nicholas Ryba and Roberto Tirindelli

CNG Block May Reduce the Olfactory Sensitivity

Takashi Kurahashi, Hiroko Takeuchi, Hirohiko Ishida and Satoshi Hikichi

Visualization, Manipulation and Recording of Nanotube Olfactory Cilia

Hiroko Takeuchi and Takashi Kurahashi

Topic 31: Behavior**Characterization of Protein Vomeronasal Stimuli Involved in the Predatory Behaviour of Thamnophine Snakes**

Ma t  Smargiassi, G rard Toubeau and Ruddy Wattiez

Dogs are Able to Recognize Insect Individuals by Odour

Elena Rodionova, Alexander Minor, Klim Sulimov and Galina Kogun

Volatile Compounds in the Faeces of the Mouse

Marco Redaelli, Michela Bondi, Alessandro Orsetti, Giuseppe Zagotto, Andrea Cavaggioni and Carla Mucignat-Caretta

Chemical Signals May Play a Critical Role in Reproductive Isolation of Closely Related Mus Species

Alexander Ambaryan, Anna Voznessenskaia, Elena Kotenkova and Vera Voznessenskaya

Socializing Increases Club Cell Number in Crucian Carp

Ole B. Stabell and Anne Vegusdal

Artificial Rearing Retards Taste Learning Abilities in Adolescent Rats

Tatiana Manrique, Mar a Ram rez, Ana D az, Alejandro Barranco, Ricardo Rueda and Milagros Gallo

Suppression of C-FOS Expression in the Amygdala Impairs the Retrieval of Taste Potentiated Odor Aversion

Kiseko Shionoya and Frederique Datiche

The Motor Side of Odour

Federico Tubaldi, Caterina Ansuini, Roberto Tirindelli and Umberto Castiello

Purification and Characterization of Recombinant Brazzein Secreted by the Yeast *Pichia pastoris*

Antoine Rachid, Catherine Desmetz, Jo lle Chevalier and Lo c Briand