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Titolo	Olfactory memory networks : from emotional learning to social behaviours / / topic editors: Regina M. Sullivan, Donald A. Wilson, Nadine Ravel and Anne-Marie Mouly
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Collana	Frontiers Research Topics
Soggetti	Neuroscience Human Anatomy & Physiology Health & Biological Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Odours are powerful stimuli that can evoke emotional states, and support learning and memory. Decades of research have indicated that the neural basis for this strong “odour-emotional memory” connection is due to the uniqueness of the anatomy of the olfactory pathways. Indeed, unlike the other sensory systems, the sense of smell does not pass through the thalamus to be routed to the cortex. Rather, odour information is relayed directly to the limbic system, a brain region typically associated with memory and emotional processes. This provides olfaction with a unique and potent power to influence mood, acquisition of new information, and use of information in many different contexts. including social interactions. Indeed, olfaction is crucially involved in behaviours essential for survival of the individual and species, including identification of predators, recognition of individuals for procreation or social hierarchy, location of food, as well as attachment between mating pairs and infant-caretaker dyads. Importantly, odours are sampled through sniffing behaviour. This active sensing plays an important role in exploratory behaviours observed in the different contexts mentioned above. Odours are also

critical for learning and memory about events and places and constitute efficient retrieval cues for the recall of emotional episodic memories. This broad role for odours appears highly preserved across species. In addition, the consistent early developmental emergence of the olfactory function across diverse species also provides a unique window of opportunity for analysis of myriad behavioural systems from rodents to nonhuman primates and humans. This combined with the relatively conserved organization of the olfactory system in mammals, provides a powerful framework to explore how complex behaviours can be modulated by odours to produce adaptative responses, and to investigate the underlying neural networks. In this research topic, we welcome original and review articles, as well as opinion, methods and modelling papers from both human and animal research, covering the following issues (although the list is not exhaustive):

- Neural and pharmacological bases of olfactory memory : in adulthood and through development
- Olfactory-based social interactions: mother-offspring bonding, pair bonding, peer recognition, social hierarchy, social transmission of fear...
- Emotional olfactory memory: conditioned odour fear, unconditioned odour fear, alarm pheromones...
- Sniffing behaviour and its modulation during olfactory learning and/or social behaviours.

The goal of this Research Topic is to bring together cutting edge research on diverse species and developmental stages, highlighting convergence and divergence between humans and animals to facilitate translational research.

2. Record Nr.

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Titolo

A true relation of the life and death of Sir Andrew Barton [[electronic resource]] : a pyrate and rover on the seas. Tune, Come follow my love, &c

Pubbl/distr/stampa

[London], : Printed by and for W.O. and sold by C. Bates, at the Sun and Bible in Pye-corner, [1709]
London : , : Printed by and for W.O. and sold by C. Bates, at the Sun and Bible in Pye-corner, , 1709

Descrizione fisica

1 sheet ([1] p.) : ill. (woodcut)

Disciplina

398.210942

Soggetti

Ballads, English - 18th century
Broadsides 18th century. England

Lingua di pubblicazione

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Formato

Materiale a stampa

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Note generali

Place and date of publication suggested by H.R. Plomer.
Verse: "When Flora with her fragrant flowers ..."
Copy cut and mounted.
Imperfect: copy of Rox.III.899, first two columns wanting; torn, affecting imprint.
Reproduction of original in the British Library.

Sommario/riassunto

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