

CURRICULUM VITAE

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INDIRIZZO

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DATI PERSONALI

Data di Nascita: 13 ottobre 1966
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STUDI E FORMAZIONE

- | | |
|---------------|--|
| 2008–presente | Ricercatore presso il Dip. di Scienze Biomediche, Metaboliche e Neuroscienze, Università di Modena e Reggio Emilia. |
| 2002–2008 | Assistant Professor presso il Dept. of Psychiatry and Behavioral Sciences, Emory University, Atlanta, GA. |
| 2000–2002 | Postdoc Fellowship negli Stati Uniti presso il Dept. of Psychiatry and Behavioral Sciences, Emory University, Atlanta, GA. |
| 1998–1999 | Borsa di Ricerca del Dipartimento di Scienze e Tecnologie Biomediche, Università di Udine (Tutor: Prof. Carlo A. Porro). |
| 1994–1998 | Dottorato in Neuroscienze, Università di Parma (Direttori: Prof. Giacomo Rizzolatti e Ruggero Corazza). Tesi: <i>Percezione 'semantica' e percezione 'esplorativa': uno studio di imaging funzionale sul riconoscimento implicito di stimoli visivi.</i> |
| 1992 | Laurea in Fisica, Università di Modena. |

RICERCA

Neuroimaging funzionale. Ruolo cognitivo dei gangli della base nella codifica probabilistica di eventi salienti, nei paradigmi di condizionamento e nei processi decisionali. Meccanismi centrali dell'elaborazione del segnale nocicettivo. Interazioni della funzione immunitaria con il rendimento cognitivo e i disturbi dell'umore nel modello dell'interferone-alfa. Correlati neurali, neuropsicologici e fisiologici associati alla pratica della meditazione. Imaging funzionale di modelli di interazione sociale. Correlati neurali della sindrome di affaticamento cronico. Meccanismi cerebrali alla base della percezione e della regolazione volontaria dello sforzo mentale.

INDICI BIBLIOMETRICI (ISI WEB OF SCIENCE)

h-index: 26

Number of articles: 46

Sum of times cited: 3484

ARTICOLI IN RIVISTE INTERNAZIONALI

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2. Chen X, Hackett PD, DeMarco AC, Feng C, Stair S, Haroon E, Ditzen B, **Pagnoni G**, Rilling JK. Effects of oxytocin and vasopressin on the neural response to unreciprocated cooperation within brain regions involved in stress and anxiety in men and women. *Brain Imaging Behav*, 2015, doi:10.1007/s11682-015-9411-7.
3. Kemmer PB, Guo Y, Wang Y, **Pagnoni G**. Network-based characterization of brain functional connectivity in Zen practitioners. *Frontiers in Psychology*, 2015, 6.
4. Feng G, Hackett PD, DeMarco AC, Chen X, Stair S, Haroon E, Ditzen B, **Pagnoni G**, Rilling J. Oxytocin and vasopressin effects on the neural response to social cooperation are modulated by sex. *Brain Imaging Behav*, 2014, doi:10.1007/s11682-014-9333-9.
5. **Pagnoni G**, Porro CA. Cognitive modulation of pain and predictive coding: Comment on "Facing the experience of pain: A neuropsychological perspective" by Fabbro and Crescentini. *Phys Life Rev*, 2014, 11(3):555-7.
6. Miller AH, Jones JF, Drake DF, Tian H, Unger ER, **Pagnoni G**. Decreased basal ganglia activation in subjects with Chronic Fatigue Syndrome: association with symptoms of fatigue. *PLoS One*, 2014, 9(5):e98156.

7. Favilla S, Huber A, **Pagnoni G**, Lui F, Facchin P, Cocchi M, Baraldi P, Porro CA. Ranking brain areas encoding the perceived level of pain from fMRI data. *Neuroimage*, 2014, 90:153–162.
8. Huber A, Lui F, Duzzi D, **Pagnoni G**, Porro CA. Structural and functional cerebral correlates of hypnotic suggestibility. *PLoS One*, 2014, 9(3):e93187.
9. Rilling JK, DeMarco AC, Hackett PD, Chen X, Gautam P, Stair S, Haroon E, Thompson R, Ditzen B, Patel R, **Pagnoni G**. Sex differences in the neural and behavioral response to intranasal oxytocin and vasopressin during human social interaction. *Psychoneuroendocrinology*, 2014, 39:237–248.
10. Khachouf OT, Poletti S, **Pagnoni G**. The embodied transcendental: a Kantian perspective on neurophenomenology. *Front Hum Neurosci*, 2013, 7, 611.
11. Agnati LF, Guidolin D, Battistin L, **Pagnoni G**, Fuxe K. The neurobiology of imagination: possible role of interaction-dominant dynamics and default mode network. *Front Psychol*, 2013, 4, 296.
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13. Capuron L, **Pagnoni G**, Drake DF, Woolwine BJ, Spivey JR, Crowe RJ, Votaw JR, Goodman MM, Miller AH. Dopaminergic mechanisms of reduced basal ganglia responses to hedonic reward during interferon-alpha administration. *Arch Gen Psychiatry*, 2012, 69:1044–1053.
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15. Inman CS, James GA, Hamann S, Rajendra JK, **Pagnoni G**, Butler AJ. Altered resting-state effective connectivity of fronto-parietal motor control systems on the primary motor network following stroke. *Neuroimage*, 2012, 59:227–237.
16. **Pagnoni G**. Dynamical properties of BOLD activity from the ventral posteromedial cortex associated with meditation and attentional skills. *J Neurosci*, 2012, 32(15):5242–5249.
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18. Inman CS, James GA, Hamann S, Rajendra JK, **Pagnoni G**, Butler AJ. Altered resting-state effective connectivity of fronto-parietal motor control systems on the primary motor network following stroke. *Neuroimage*, 2012, 59:227–237.

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20. **Pagnoni G**, Cekic M, Guo Y. “Thinking about non-thinking”: neural correlates of conceptual processing during Zen meditation. *PLoS ONE*, 2008, 3(9):e3083.
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3. **Pagnoni G**. Metafore e neurofisiologia, in *La Metafora nelle Scienze Cognitive*, Ed: Morabito C, McGraw-Hill Libri Italia, Milano, 2002.

ATTIVITÀ DIDATTICA

- Segmento di Fisiologia del Corso di Metodologie Medico-Scientifiche di Base, Corso di Laurea in Medicina e Chirurgia 2° anno, Università di Modena e Reggio Emilia, 2011–presente.
- Programma di fisiologia cardiovascolare del corso integrato di Fisiologia Umana e Fisiopatologia, Laurea in Medicina e Chirurgia 2° anno, Università di Modena e Reggio Emilia, 2008–presente.
- Programma di fisiologia cardiovascolare del corso di Fisiologia Umana, Laurea Triennale di Tecniche di Fisiopatologia Cardiocircolatoria e Perfusionazione Cardiovascolare 2° anno, Università di Modena e Reggio Emilia, 2008–2011.
- Seminario “Tecniche di studio della funzione cerebrale nell’uomo: fMRI”, Dottorato in Neuroscienze, Università di Modena e Reggio Emilia, Novembre 2009.
- Seminario “La risonanza magnetica funzionale”, *Tecniche di ricerca sperimentale nelle Neuroscienze Cognitive*, terzo corso della Associazione Psicologia Italiana (API), Bertinoro (FC), 8–10 ottobre 2007.