

CURRICULUM VITAE

GIUSEPPE PAGNONI

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STUDI E FORMAZIONE

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|---------------|--|
| 2015–presente | Professore Associato presso il Dip. di Scienze Biomediche, Metaboliche e Neuroscienze, Università di Modena e Reggio Emilia. |
| 2008–2015 | 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. Modellizzazione di processi neurali e cognitivi nel quadro teorico dell'inferenza attiva.

INDICI BIBLIOMETRICI (ISI WEB OF SCIENCE, SETTEMBRE :2021)

h-index: 32

Number of articles: 58

Sum of times cited: 6191

ARTICOLI IN RIVISTE INTERNAZIONALI

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2. Lukemire J, Kundu S, **Pagnoni G**, Guo Y. Bayesian Joint Modeling of Multiple Brain Functional Networks. *J Am Stat Assoc*, 2020, 0:1–13.
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4. Kirk U, **Pagnoni G**, Héту S, Montague R. Short-term mindfulness practice attenuates reward prediction errors signals in the brain. *Sci Rep*. 2019, 9(1):6964.
5. **Pagnoni G**. The contemplative exercise through the lenses of predictive processing: A promising approach. *Progress in brain research*, 2019, 244:299-322
6. Lutz A, Mattout J, **Pagnoni G**. The epistemic and pragmatic value of non-action: a predictive coding perspective on meditation. *Current opinion in psychology*, 2019, 28:166-171
7. Benuzzi F, Lui F, Ardizzi M, Ambrosecchia M, Ballotta D, Righi S, **Pagnoni G**, Gallese V, Porro CA. Pain Mirrors: Neural Correlates of Observing Self or Others' Facial Expressions of Pain. *Frontiers in psychology*, 2018, 9:1825
8. **Pagnoni G**, Guareschi FT. Remembrance of things to come: a conversation between Zen and neuroscience on the predictive nature of the mind. *Mindfulness*, 2017, 8(1):27–37.
9. Khachouf OT, Chen G, Duzzi D, Porro CA, **Pagnoni G**. Voluntary modulation of mental effort investment: an fMRI study. *Scientific Reports*, 2017, 7:17191
10. 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*, 2016, 10(2):581–593.

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13. **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.
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15. 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.
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17. 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.
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24. **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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CAPITOLI DI LIBRI

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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

- Metodologie Medico-Scientifiche di Base, Corso di Laurea in Medicina e Chirurgia, Università di Modena e Reggio Emilia, 2011–presente.
- Strumenti e modelli di analisi dei dati nella ricerca psicobiologica, Corso di Laurea in Scienze e Tecniche Psicologiche, Università di Modena e Reggio Emilia, 2017–presente.
- Fisiologia cardiovascolare nel Corso Integrato di Fisiologia Umana e Fisiopatologia, Laurea in Medicina e Chirurgia, Università di Modena e Reggio Emilia, 2008–presente.
- Meditazione e mente predittiva, Master in “Mindfulness: pratica, clinica e neuroscienze”, Dipartimento di Psicologia, Università di Roma, La Sapienza, 2015–presente.
- Neuroscienze della meditazione, Master in “Meditazione e neuroscienze”, Università di Udine, 2018, 2020–presente.