
Curriculum Vitae



Nathalie Mella, Prof. Dr.

Lecturer CAS Alimentation et comportement
UniDistance Suisse
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Research topics

My research interests focus on lifespan cognitive and affective development, with a strong interest in the development of socio-emotional competences. I use several methods including behavioral testing, self-assessment and neuroimaging, and psychophysiology.

Professional experience

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| 2022 – now | Lecturer CAS Alimentation et comportement, module « Emotions et alimentation »
UniDistance Suisse |
| 2020 – now | Scientific Collaborator in the Group “Emergence and Expression of Emotion”
Swiss Center for Affective Science (CISA), Geneva University (Adv. Prof. D. Sander) |
| 2017 – 2020 | Scientific collaborator in the Group of Research in Health Psychology
Geneva University (Adv. Prof. O. Desrichard) |
| 2015 – 2018 | Senior researcher
Cognitive Aging Lab, Geneva University (Adv. Prof. M. Kliegel) |
| 2014 – 2015 | Scientific Collaborator
Department of Clinical Neuroscience, HUG (Adv. Pr. F. Picard) |
| 2012 – 2015 | Scientific Collaborator in the Group of Developmental and Differential Psychology
Geneva University (Adv. Pr. A. de Ribaupierre) |
| 2008 – 2011 | Postdoc in the Group of Research in Social and Affective Development
Geneva University (Adv. Pr. G. Labouvie-Vief) |
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Education

- 2008 **PhD in psychology**
“Behavioural and electrophysiological studies of time perception and emotion: roles of arousal and attention.” under the supervision of Prof. Viviane Pouthas
University of Paris Descartes
- 2005 **Master in cognitive and developmental psychology**
University of Paris Descartes
- 2003 **Bachelor in psychology**
University of Paris Descartes
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Participation in workshops and summer schools

- 2019 **Summer school in Teaching in higher education**
Geneva University
- 2018 **Memory systems across the lifespan**
Swiss Society of Neuropsychology, Geneva
- 2015 **Workshop on Cognitive and socio-emotional development across the lifespan**
Geneva
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Institutional responsibilities

- 2008 – now **Member of the Association du Corps Intermédiaire en Psychology**
Geneva University
- 2019 **Member of the commission for equality**, Faculty of psychology and educational science
Geneva university
- 2019 **Member of the scientific board** for the journées thématiques « Psychologie Sociale et Éducation », Chambéry
- 2018 **Member of nomination committee in the frame of a professor promotion**
Geneva University (Didier Grandjean)
- 2012 **Member of nomination committee in the frame of the recruitment of a professor in socio-emotional development**
Geneva University
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Approved research projects

- 2015 – 2017 **Individual SNFS grant** Marie Heim-Vögtlin (MHV, PMPDP1_171335 and PMPDP1_158319), 335'517 CHF. Title: “Cerebral underpinnings of cognitive intraindividual variability in aging”
- 2010 **Protocole de Recherche et Développement (PRD)**, Hôpitaux Universitaires de Genève (co-applicant with F. Picard) 7'500 CHF. Title: “the role of the insula in time perception”
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2004 – 2008 **Individual PhD grant from the French Defence Ministry**, 61'200 €. Title “Behavioural and electrophysiological studies of time perception and emotion: roles of arousal and attention”

Supervision activities (master thesis)

- 2021 – now E. D’Agrain: Effect of an improvisation-based intervention on emotion recognition in adolescents
- 2020 - now M. Pellaud: The use of board games at school to develop socio-emotional competences in adolescents
- 2020 – now J. Maksimovic: How mindfulness meditation affects emotion regulation in adolescents: the mediating role of executive functioning
- 2020 – now M Spasic: Differential effects of mindfulness meditation and impro theater at school on the development of intra and interpersonnal emotional skills of adolescents
- 2020 – now S. Gaillard: How mindfulness meditation affects self-regulation in adolescents: the mediating role of temporal perspective
- 2014 – 2016 N. Shapard : Variabilité intraindividuelle dans le fonctionnement cognitif et activités physiques au cours du vieillissement (University of Geneva)
- 2014 – 2016 S. Doll : Variabilité intraindividuelle dans le fonctionnement cognitif au cours du vieillissement : rôle des activités sociales et culturelles (University of Geneva)
- 2014 – 2016 Pedro T. : Impact de la santé subjective sur le vieillissement cognitif (University of Geneva).
- 2008 – 2011 Weil, S.: Effect of aging on empathy for pain (University of Geneva)
- 2008 – 2010 Guichard-Jeanerret, N.: Empathy from adolescence through adulthood, an EEG study (University of Geneva)
- 2008 – 2010 Steinhauer, C.: Aging and empathy for pain, an EEG study (University of Geneva)
- 2008 – 2009 Amorim Soares, C.: Evolution of forgiveness with aging (University of Geneva). Co-supervision with G. Labouvie-Vief.
- 2008 – 2009 Goulakos, C.: Evolution of forgiveness with aging: Influence of personal factors (University of Geneva). Co-supervision with G. Labouvie-Vief.
- 2007 – 2008 Arnold, G.: the role of attention in the perception of emotional pictures duration (University Paris-Descartes)
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Teaching

Developmental and aging psychology (63h), Differential psychology (63h), Social and affective development (14h), Statistics in psychology (18h) at bachelor and master levels, at Paris-Descartes University, Lyon Louis-Lumière University, and Geneva University.

Teaching at UniDistance (Swiss University, 2020-22) the psychology of Emotions (5 ECTS) and Education for Health (5 ECTS), the role of socio-emotional competences in health (2h).

Reviewing for

Psychophysiology, Acta Psychologica, Journal of Gerontology, Visual Cognition, Frontiers in Neuroscience, PlosONE, Brain & Cognition, International Review of Social Psychology, European Journal of Aging, Alzheimer Research Therapy.

Member of Master thesis committee

- 2019 Buzzi J. *La menace du stéréotype chez des personnes âgées : l'impact de la menace pour le Soi sur les performances mnésiques des « jeunes-vieux » et des « vieux-vieux »*. Supervisor O. Desrichard, University of Geneva.
- 2018 Perraudin L. *Influences de l'activité physique sur les fonctions exécutives avec l'avancée en âge*. Supervisor M. Kliegel, University of Geneva.
- 2015 Schemmler M. *L'effet blouse blanche dans l'évaluation mnésique des personnes âgées*. Supervisor O. Desrichard, University of Geneva.
- 2012 Noel, A.I. *Effort mobilisation and time perception in patients with a major depressive episode*. Supervisor K. Brinkman, University of Geneva.
- 2012 Freschard, L. *The reflexive function in offender adolescents*. Supervisor M. Debanné, University of Geneva.
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Workshop organization

- 2015 Workshop on "Cognitive and socio-emotional development across the lifespan", Geneva.
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Scientific popularization

- 2021 Revue quotidienne Le parisien (06.03.2021). *Emotion and time perception during COVID-19 pandemic*.
- 2020 RTS daily news (06.04.2020), "Antivirus", "how containment measures of the COVID-19 influence the perception of time"
- 2020 Revue hebdomadaire Sciences Humaines (09.04.2020) – [time perception and lock-down during COVID-19 pandemic](#).
- 2020 France info (juillet 2020) – table ronde : « *le COVID et après : notre rapport au temps a-t-il changé ?* »

- 2013 Radio podcast – RTS La Première (02.01.2013), CQFD, « CQFD prend le temps – *about time perception* »
- 2009 Conference for seniors– « Emotion and Aging » (19.02.2009) Cité Seniors « strengths and weakness of aging: what can human sciences say? »
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Publications

Mella, N., Pansu, P., Batruch, A., Bressan, M., Bressoux, P., Butera, F. ... Desrichard, O. Socio-emotional competencies and school performance in adolescence : what role for school adjustment ? (2021). *Frontiers in Psychology*, 3544.

Boccardi, M., Monsch, A., Ferrari, C., Frisoni, G., Kliegel M., and the consortium for the Harmonization of Neuropsychological Assessment for Neurocognitive Disorders (2022). Harmonizing Neuropsychological Assessment for Mild Neurocognitive Disorders in Europe. *Alzheimer's & Dementia*, 18(1), 29-42. (**Member** of the consortium for the Harmonization of Neuropsychological Assessment for Neurocognitive Disorders).

Mella, N., Grouiller, F., Mouthon, M., & Picard, F. (2021). Neural Concomitants of Remote Memory in a Comedian with Exceptional Verbal Memory. *Journal of Cognitive Enhancement*, 1-8.

Ihle, A., Gouveia, É. R., Gouveia, B. R., Zuber, S., **Mella, N.**, Desrichard, O., ... & Kliegel, M. (2021). The relationship of obesity predicting decline in executive functioning is attenuated with greater leisure activities in old age. *Aging & Mental Health*, 25(4), 613-620.

Wittman, M. & **Mella, N.** (2021). Having children speeds up the subjective passage of lifetime in parents. *Timing & Time Perception*, 1(aop), 1-9.

Mella, N., Vallet F., Beaudoin, M., Fagot, D., Baeriswyl, M., Ballhausen, N., Métral, G., Sauter, J., Ihle, A., Gabriel, R., Oris, M., Kliegel, M., Desrichard, O. (2020). [Distinct effects of cognitive versus somatic anxiety on cognitive performance in old age: the role of working memory capacity](#). *Aging and Mental Health*.

Vallet F., **Mella, N.**, Ihle, A., Beaudoin, M., Fagot, D., Ballhausen, N., Baeriswyl, M., Schlemmer, M., Oris, M., Kliegel, M., Desrichard, O. (2020). [Motivation as a mediator of the relation between cognitive reserve and cognitive performance](#). *The Journal of Gerontology: Series B*.

Pur, D. R., Eagleson, R. A., de Ribaupierre, A., **Mella, N.**, & de Ribaupierre, S. (2019). [Moderating Effect of Cortical Thickness on BOLD Signal Variability Age-Related Changes](#). *Frontiers in aging neuroscience*, 11.

Mella, N., Bourgeois, A., Perren, F., Viaccoz, A., Kliegel, M. & Picard, F. (2019) [Does the insula contribute to emotion-related distortion of time? A neuropsychological approach](#). *Human Brain Mapping*, 40(5), 1470-1479.

Ihle, A., Fagot, D., Vallet F., Ballhausen, N., **Mella, N.**, Baeriswyl, M., Sauter, J., Gabriel, R., Oris, M., Maurer, J. & Kliegel, M. (2019). [Cross-Lagged Relation of Leisure Activity Participation to Trail Making Test Performance Six Years Later: Differential Patterns in Old Age and Very Old Age](#). *Neuropsychology*. 33(2), 234.

Ihle, A., Gouveia, É. R., Gouveia, B. R., Zuber, S., **Mella, N.**, Desrichard, O., ... & Kliegel, M. (2019). The relationship of obesity predicting decline in executive functioning is attenuated with greater leisure activities in old age. *Aging & Mental Health*, 1-8.

Ihle, A., Zuber, S., Gouveia, É. R., Gouveia, B. R., **Mella, N.**, Desrichard, O., ... & Kliegel, M. (2019). Cognitive Reserve Mediates the Relation between Openness to Experience and Smaller Decline in Executive Functioning. *Dementia and geriatric cognitive disorders*, 48(1-2), 39-44.

O'Reilly, C., Chapotot, F., Pittau, F., **Mella, N.** & Picard, F. (2018) [Nicotine increases sleep spindle activity](#). *Journal of Sleep Research*: e12800.

Mella, N., Fagot, D., Renaud, O., Kliegel, M., & de Ribaupierre, A. (2018). [Individual Differences in Developmental Change: Quantifying the Amplitude and Heterogeneity in Cognitive Change across Old Age](#). *Journal of Intelligence*, 6(1), 10. doi:10.3390/jintelligence6010010.

Fagot, D., **Mella, N.**, Ghisletta, P., Lecerf, T. & de Ribaupierre, A. (2018). [Intra-Individual Variability from a Lifespan Perspective: A Comparison of Latency and Accuracy Measures](#). *Journal of Intelligence*, 6(1), 16. doi:10.3390/jintelligence6010016

Mella, N., Grob, E., Döll, S., Ghisletta, P. & de Ribaupierre, A. (2017). [Leisure activities and change in cognitive stability: A multivariate approach](#). *Brain Sciences*, 7(3), 27. doi:10.3390/brainsci7030027.

Mella, N., Fagot, D., & de Ribaupierre, A. (2016). [Dispersion in cognitive functioning: Age differences over the lifespan](#). *Journal of Clinical and Experimental Neuropsychology*, 38 (1), 111-126.

Moussaoui, L. S., Desrichard, O., **Mella, N.**, Blum, A., Cantarella, M., Clémence, A., & Battiaz, E. (2016). [Validation française de l'Inventaire d'Attitudes Environnementales](#). *Revue Européenne de Psychologie Appliquée/European Review of Applied Psychology*, 66(6), 291-299

Mella, N., Fagot, D., Lecerf, T. & de Ribaupierre, A. (2015). [Working memory and intraindividual variability in processing speed: a developmental and individual-differences study](#). *Memory and Cognition*, 43 (3), 340-356.

Mella, N., de Ribaupierre, S., Eagleson, R. & de Ribaupierre, A. (2013). [Cognitive intraindividual variability and white matter integrity in aging](#). *The Scientific World Journal*. Article ID 350623, 16 pages, 2013. doi:10.1155/2013/350623.

Gilet, A-L., **Mella, N.**, Studer, J., Grün, D., & Labouvie-Vief, G. (2013). [Assessing Dispositional Empathy in Adults: A French Validation of the Interpersonal Reactivity Index \(IRI\)](#). *Canadian Journal of Behavioural Science / Revue canadienne des sciences du comportement*. doi: 10.1037/a0030425.

Mella, N., Studer, J., Gilet, A-L., & Labouvie-Vief, G. (2012). [Evoked related potentials correlates of empathy for pain from adolescence through adulthood](#). *Frontiers in Emotion Science*, 3:501. doi: 10.3389/fpsyg.2012.00501.

Lambrecht, A., **Mella, N.**, Pouthas, V., & Noulhiane, M. (2011). [Subjectivity and time perception: a visual emotional orchestration](#). *Frontiers in Integrative Neuroscience*, 5:73. doi: 10.3389/fnint.2011.00073.

Mella N., L. Conty & V. Pouthas (2011). [Arousal and time estimation: psychophysiological evidence from an emotion regulation paradigm](#). *Brain and Cognition*, 75(2): 182-187.

Noulhiane, M.*, **Mella, N.***, Ragot, R., Samson, S. & Pouthas, V. (2007). [How emotional auditory stimuli modulate time perception](#). *Emotion*, 7(4), 697-704.

Fagot, D. & **Mella, N.** (2015). *Evolution de la variabilité cognitive au cours de la vie*. In J. Juhel & G. Rouxel (Eds). *Approches contemporaines des différences individuelles en psychologie* (pp 179-195). Presses Universitaires de Rennes : Rennes.

Labouvie-Vief, G., Gilet, A-L., & **Mella, N.** (2014). *The dynamics of cognition-emotion relations in life-span development*. In (Eds), Handbook of Emotion, Social Cognition, and Everyday Solving Problems during Adulthood. (pp 83-98). Oxford University Press: Oxford.

Mella, N. & Pouthas, V. (2011). [Electrophysiological evidence for an accumulation process in the timing of emotional stimuli](#). In A. Esposito, A. Vatakis, M. Giagkou, F. Cummins & P. George (Eds), Multidisciplinary Aspects of Time and Time Perception (pp 173-186). Springer: Berlin.

Oral communications

Mella, N., Pansu, P. & Desrichard, O. (May 2022). Quelles relations entre la perception de ses compétences à l'école et diverses variables d'ajustement scolaire : une approche en réseau. To be presented in the symposium : La perception de compétence : ses avantages et désavantages en milieu scolaire. 44^e Congrès de la SRQP (Société Québécoise pour la Recherche en Psychologie).

Mella N. (Oct. 2019). Développer les compétences socio-émotionnelles à l'école. Séminaire académique de l'éducation prioritaire, Université de Grenoble Alpes, France.

Mella N. (May 2019). Time perception and Aging. Séminaire des Archives Jean Piaget, University of Geneva, Switzerland.

Mella N., Renaud O., Vallet F., Fagot D., Kliegel M. & de Ribaupierre A. (July 2018). *Vieillessement cognitif: Quelles relations entre différents types de variabilité intraindividuelle ?* 23^e Journées Internationales Psychologie Différentielle, Luxembourg.

Mella. N. Mémoire de travail et Variabilité (June 2018). Journée de formation continue de l'Association Suisse de Neuropsychologie (ANSP), Geneva, Switzerland.

Mella, N. (January 2017). Bases cérébrales de la variabilité intraindividuelle. Séminaire du Laboratoire de Psychologie des Pays de la Loire, Université de Nantes, France.

Mella, N., Fagot, D & de Ribaupierre, A. (July 2015). *Changes in intraindividual variability with aging*. Presented in the symposium "The study of intra-individual variability: Importance and relevance for psychological evaluation". 14th European Congress of Psychology, Milan, Italy.

de Ribaupierre, A., **Mella, N.**, & Fagot, D. (June 2015). *Comment définir le changement dans une étude longitudinale du vieillissement cognitif ?* 5^e workshop MODEVAIIA - MODélisation de la VARIabilité Intra et inter-individuelle, Camaret-sur-mer, France.

Mella, N. (Nov. 2014). *Vieillessement cérébral et vieillissement cognitif: différences interindividuelles*. Séminaires du Centre Interfacultaire de Gérontologie et d'Etudes des Vulnérabilités (CIGEV), Geneva, Switzerland.

Mella, N., Fagot, D., & de Ribaupierre, A. (September 2014). *Change of cognitive performance with aging, the decline is not the rule*. International Conference on Cognitive Aging, Caen, France.

Mella, N. & de Ribaupierre, A. (April 2014). Cerebral bases of cognitive intraindividual variability in aging. BBL/CIBM research day, Geneva, Switzerland.

Mella, N., Fagot, D., & de Ribaupierre, A. (June 2013). *Comment étudier la dispersion sans passer par les différences interindividuelles ?* 4^e workshop MODEVAIIA - MODélisation de la VARIabilité Intra et inter-individuelle, Camaret-sur-mer, France.

Mella, N., Studer, J. & Labouvie-Vief, G. (September 2013). *Aging and the perception of pain in other*. Presented in the symposium « Emotion-Cognition Interactions across the Lifespan ». 13th Biannual Congress of the Swiss Psychological Society, Basel, Switzerland

Mella, N., Viaccoz, A., Perren, F., & Picard, F. (July 2013). *The role of insula in the perception of emotional events, a neuropsychological study*. Presented in the symposium « Time under the influence of emotion ». 13th European Congress of Psychology, Stockholm, Sweden.

de Ribaupierre, A., **Mella, N.** (April 2013). *Developmental trends in working memory tasks: The influence of processing speed and of inhibition*. Presentation in the symposium "Memory development: More than memory". Society for Research in Child Development, Seattle, USA.

Mella, N., Studer, J., Gilet, A-L., & Labouvie-Vief, G. (September 2010). *Empathie et vieillissement: Étude électrophysiologique des composantes automatique et contrôlée de l'empathie*. 11th International Conference on Cognitive Aging, Liège, Belgium.

Studer, J., **Mella, N.**, & Labouvie-Vief, G (October 2009). *Age differences in empathy: Self-Other differentiation becomes more difficult with age*. 49th Annual Meeting of the Society for Psychophysiological Research. Berlin, Germany.

Mella, N. (May 2008). *Perception du Temps et Emotions : rôle de l'éveil physiologique et de l'attention. Approche comportementale, psychophysologique et électro-encéphalographique*. Les lundis Cogimage, Cognitive Neuroscience and Cerebral Imaging Lab, Paris.

Mella, N. (May 2005). *Influence des émotions sur la perception du temps*. Journée de la société de psychophysologie cognitive. Lille, France.

Poster communications

Pur, D.R., Preti, M.G., **Mella, N.**, de Ribaupierre, A, Van De Ville, D., Eagleson, R, de Ribaupierre, S. (January 2020). Influence of structure-function age-related changes on behavior using multimodal MR: A within-subject approach. Alpine Brain Imaging Mapping, Champéry, Switzerland.

Mella, N. & Desrichard, O., et le consortium ProFan (16 Octobre 2019). Les compétences socio-émotionnelles des élèves de lycées professionnels. 1er colloque scientifique de l'action ProFan. Centre international de Conférence Sorbonne Université, Paris, France.

Pur DR, Gainham G, **Mella N.**, de Ribaupierre A, Eagleson R, de Ribaupierre S. (July 2019). Task based fMRI and resting state fMRI sequences differentially modulate BOLD signal variability Organization of Human Brain Mapping, Roma, Italia.

Eagleson R., Pur, DR, Ansermet E., de Ribaupierre A., **Mella N.**, de Ribaupierre S. (January 2019). The anti-correlation of activities of the Default Mode Network with the Dorsal Attention Network in older adults is a function of BOLD signal variability. Alpine Brain Imaging Mapping, Champéry, Switzerland.

Mella N., Renaud O., Fagot D., Kliegel M. & de Ribaupierre A. (July 2018) Vieillesse cognitive : une approche intraindividuelle de l'amplitude et de l'hétérogénéité du changement. 23^e Journées Internationales Psychologie Différentielle, Luxembourg.

Pur D.R., Eagleson R., **Mella N.**, de Ribaupierre A., de Ribaupierre S. (May 2018) The Influence of Cortical Thickness on BOLD Signal Variability. London Health Research Day, London, Canada.

Vallet, F.; Ihle, A.; **Mella, N.**; Beaudoin, M. Fagot, D.; Balhausen, N. Beariswyl, M.; Schlemmer, M.; Oris, M.; Kliegel, M. and Desrichard, O. (April 2018). The role of cognitive reserve on motivation for cognitive activities in older age: motivation as an explanation for the CR-performance association. Interdisciplinary workshop on cognitive reserve, Geneva, Switzerland.

Mella, N.; Preti, M. G., Kuenzi, M., de Ribaupierre, S., Eagleson, R., Van de Ville, D., & de Ribaupierre, A. (January 2018). Relationships between white matter integrity and cognitive performance in aging: differentiation between good and poor performing older adults. Alpine Brain Imaging Mapping, Champéry, Switzerland

de Ribaupierre, S.; Pur, D.; Bakhshmand, S.; **Mella, N.**; de Ribaupierre, A.; Eagleson, R. Visualization of functional and structural connectivity in lifespan (August 2017). 3rd International Conference on Basic and Clinical Multimodal Imaging, Bern, Switzerland.

Preti, M.G., **Mella, N.**, Eagleson, R., de Ribaupierre, S., de Ribaupierre, A & Van de Ville, D. (June 2017). The aged brain: less dynamic functional connectivity relates to slower reaction times. Organization of Human Brain Mapping, Vancouver, Canada.

Mella, N. & de Ribaupierre, A. (April 2017). Intraindividual variability in aging and leisure activities. 4th International conference Aging & Cognition, Zurich, Switzerland.

Mella, N., Preti, M.G., Eagleson, R., de Ribaupierre, S., Van de Ville, D., & de Ribaupierre, A. (Jan. 2017). Relationship between brain-state variability and cognitive performance in aging: a resting-state dynamic functional connectivity study. Alpine Brain Imaging Mapping, Champéry, Switzerland.

Mella, N., Pedro, T. & de Ribaupierre, A. (Sept. 2016). Subjective health and intraindividual variability in aging. Geneva Aging Series, Vevey, Switzerland.

Mella, N., Pedro, T. & de Ribaupierre, A. (Sept. 2016). Influence de la santé subjective sur l'évolution de la variabilité intraindividuelle avec le vieillissement. Journées d'Etude du Vieillissement Cognitif, Bordeaux, France.

Mella, N., Fagot, D., & de Ribaupierre, A. (June 2016). Activités sportives, sociales, de loisirs et vieillissement cognitif. 22èmes Journées Internationales de Psychologie Différentielle, Chambéry, France.

Preti, M.G., **Mella, N.**, Eagleson, R., de Ribaupierre, S., Van de Ville, D., & de Ribaupierre, A. (June 2016). Brain dynamics in aging: slower network reorganization assessed with dynamic functional connectivity. Organization of Human Brain Mapping, Geneva, Switzerland.

Mella, N., Preti, M.G., Eagleson, R., de Ribaupierre, S., Van de Ville, D., & de Ribaupierre, A. (Jan. 2016). Relating intraindividual variability and resting-state fMRI functional connectivity: Multivariate correlations and interaction with age. Alpine Brain Imaging Mapping, Champéry, Switzerland.

Preti, M.G., **Mella, N.**, Eagleson, R., de Ribaupierre, S., Van de Ville, D., & de Ribaupierre, A. (Jan. 2016). The aging brain: investigating the dynamism of resting-state networks with dynamic functional connectivity. Alpine Brain Imaging Mapping, Champéry, Switzerland.

Mella, N., Preti, M.G., Eagleson, R., de Ribaupierre, S., Van De Ville, D. & de Ribaupierre, A. (Sept 2015). *Fluctuation of performance in young and older adults is linked to weaker functional connectivity in the default mode network.* Swiss Society of Psychology, Geneva, Switzerland.

Mella, N., Fagot, D & de Ribaupierre, A. (Sept 2015). *Heterogeneity of cognitive profiles in children, young adults and older adults.* Swiss Society of Psychology, Geneva, Switzerland.

Mella, N., Fagot, D. & de Ribaupierre, A. (April 2015) Dispersion in cognitive functioning: age differences across the lifespan. Poster, 3rd International Conference on Aging and Cognition, Dortmund, Germany.

Mella, N., Preti, M. G., de Ribaupierre, S., Eagleson, R., Van De Ville, D., & de Ribaupierre, A. (January 2015). Large-scale distributed functional connectivity and fluctuations in cognitive performance in older adulthood. Alpine Brain Imaging Mapping, Champéry, Switzerland.

de Ribaupierre, S., **Mella, N.**, Preti, M.G., Bakhshmand, S.M., Van De Ville, D., Eagleson, R., & de Ribaupierre, A. (June 2014). Functional connectivity and intraindividual variability (brain and behavior) in young vs old adults. Organization of Human Brain Mapping, Hamburg, Germany.

Mella, N., Fagot, D., & de Ribaupierre, A. (June 2014). Mesure de temps de réponse et mesure de précision : différentes formes de variabilité intra-individuelle. 21èmes Journées Internationales de Psychologie Différentielle, Boulogne-Billancourt, France.

Fagot, D., **Mella, N.**, & de Ribaupierre, A. (April 2014). Change in intraindividual variability in older adults: Decline is not the rule. 12th Cognitive Aging Conference, Atlanta, USA.

Preti, M.G., **Mella, N.**, Eagleson, R., de Ribaupierre, S., Van de Ville, D., & de Ribaupierre, A. (January 2014). Functional connectivity and cognitive intraindividual variability in aging. Alpine Brain Imaging Mapping, Champéry, Switzerland.

Fagot, D., **Mella, N.** & de Ribaupierre, A. (November 2013). *Change in intra-individual variability in older adults and individual differences: A longitudinal study*. Psychonomic Society Annual Meeting, Toronto, Canada.

Mella, N., de Ribaupierre, S. Eagleson, R. & de Ribaupierre, A. (September 2013). *Brain structural correlates of within-person variability in aging*. 13th Biannual Congress of the Swiss Psychological Society, Basel, Switzerland.

de Ribaupierre, S., **Mella, N.**, Eagleson, R. & de Ribaupierre, A (September 2013). *Understanding cognitive intraindividual variability: a combined analysis of Grey and White matter*. 45th EBBS (European Brain and Behaviour Society Meeting), Munich, Germany.

Mella, N., Fagot, D., & de Ribaupierre, A. (September 2013). Are working memory abilities related to intraindividual variability? 18th Meeting of the European Society for Cognitive Psychology (ESCOP), Budapest, Hungary.

Mella, N., de Ribaupierre, S., Eagleson, R., & de Ribaupierre, A. (June 2013). *DTI, fMRI, and cognitive intraindividual variability in young versus older adults*. Organisation of Human Brain Mapping, Seattle, USA.

De Ribaupierre, S., **Mella, N.**, Abdulkadir, A., Eagleson, R., Khan, A., & de Ribaupierre, A. (January 2013). *Functional MRI, Diffusion tensor imaging, and cognitive variability in young versus older adults: A pilot study*. Alpine Brain Imaging Mapping, Champéry, Switzerland.

Mella, N., Eagleson, R., de Ribaupierre, S., Khan, A., Abdulkadir, A. & de Ribaupierre, A. (January 2013). *Cognitive intraindividual variability and white matter integrity: A study on aging*. Alpine Brain Imaging Mapping, Champéry, Switzerland.

Mella, N., Fagot, D. & de Ribaupierre, A. (June 2012). *Différences d'âge et dispersion intra-individuelle dans le fonctionnement cognitif*. 20th international Conference of Differential Psychology, Rennes, France.

Fagot, D., **Mella, N.** & de Ribaupierre, A. (June 2012). *Analyses ex-Gaussiennes et Analyses de variance: Redondance ou complémentarité ? Une étude des différences d'âge au travers du lifespan dans des épreuves cognitives*. 20th international Conference of Differential Psychology, Rennes, France.

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