

# Adeline Lacroix

## Post-Doctoral research fellow

Campbell Family Mental Health Research Institute  
Centre For Addiction and Mental Health  
ON M6J 1H4, Toronto, Canada



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## POST- DOCTORAL RESEARCH EXPERIENCE

2024-present	<b>Post-Doctoral Researcher</b>   Centre for Addiction and Mental Health Investigation of the neurofunctional and behavioral profiles of autistic females using normative modeling. <b>Supervisor</b> : Dr. Meng-Chuan Lai.	Toronto, Canada
2023.24	<b>Post-Doctoral researcher</b>   Laboratory of Psychology and Neurocognition Identifying the factors influencing scholar and social participation in autistic children using structural equation modeling. <b>Supervisors</b> : Pr. Monica Baciú et Dr. Marcella Perrone-Bertolotti.	Grenoble, France
2023.jan.	<b>Research Engineer</b>   iMind –Le Vinatier Hospital Parenthood in autism. Building a survey in a participatory research framework, aimed at investigating the representations of health, education and justice professionals on parenthood in autism, compared to those of autistic parents. <b>Supervisor</b> : Pr. Caroline Demily.	Lyon, France

## EDUCATION

2018.22	<b>PhD in Psychology and neurocognition.</b> Laboratory of Psychology and Neurocognition. Thesis subject: Predictive mechanisms during the processing of socio-emotional stimuli in autistic adults. <b>Supervisors</b> : Pr. Martial Mermillod (Grenoble), Dr. Marie Gomot (Tours)	Univ.Grenoble Alpes Grenoble, France
2022	<b>PhD mobility</b> . Cognitive Neuroscience and Computational Psychiatry Lab Supervisor : Pr. Marta Garrido (sept - nov 2022) – Training in SPM (DCM).	Univ. of Melbourne Melbourne, Australia
2017.18	<b>Master's thesis,</b> <b>Neuropsychology and Clinical Neurosciences</b>	Univ.Grenoble Alpes Grenoble, France
2016.17	<b>Bachelor's honours</b> <b>Psychology, Neuropsychology</b>	Univ. Savoie Mt Blanc Chambéry, France
2014.16	<b>Bachelor in Psychology</b>	Univ. Paris 8, Paris, France
2012.13	<b>Certificate of professional aptitude for specialized aids, adapted teaching and disabled student schooling</b> Certification to be a licensed teacher for students with special needs.	IUFM Bonneville, France
2007.08	<b>Master's equivalent</b> <b>Certificate in Primary Education</b> - Certification as a primary school teacher.	IUFM Bonneville, France
2003.06	<b>Bachelor's honours equivalent</b> <b>Art and Culture studies</b>	Univ. Nîmes, France / Univ. of Malta, Malta
2001.03	<b>Preparatory classes for engineering school</b>	UTBM Belfort, France

## RESEARCH PROJECTS

2024 - present	<b>INFORMHA-f</b> : Inform heterogeneity in autistic females. Investigation of the neurofunctional and behavioral profiles of autistic females using normative modeling. <b>Role</b> : post-doctoral researcher - project co-leader with Dr Meng-Chuan Lai (Centre for Addiction and Mental Health, Toronto, Canada). <b>Tasks</b> : project development and grant writing, data analysis, writing	
2024-present	<b>fgQ-ASC</b> – Validation of the French version of the Girl Questionnaire for Autism Spectrum Condition – <b>Role</b> : Project co-leader with Pr Clément Dondé (University Hospital Grenoble – Grenoble Neuroscience Institute) – <b>Tasks</b> : participation to the project development and writing, to ethics, online survey creation, recruitment of participants.	

2024-present	<b>AUTISENCITE</b> – Interdisciplinary and participatory research aiming at developing a sensory evaluation methodology for urban environments, tailored to the sensory and cognitive characteristics of autistic individuals of all the spectrum. ANR project, lead by Dr. Marie Pieron (Integrative Neuroscience and Cognition Center, Paris). <b>Role</b> : Consortium member. <b>Tasks</b> : project revision
2023-present	<b>FLEXPREAUT</b> – Project investigating the neurofunctional underpinnings of predictions in the context of emotional flexibility in autistic males and females. <b>Role</b> : Project co-leader with Pr Monica Baciú, Pr Martial Mermillod, Dr Emilie Cousin (Laboratory of Psychology and NeuroCognition – Grenoble) – <b>Tasks</b> : project development and writing, ethics, clinical trials registration, financing, recruitment of participants, data analysis
2021-present	<b>PARAUTIS</b> - Participatory research project on parenthood in autistic adults – <b>Role</b> : Project co-leader with Pr Caroline Demily (iMind – Vinatier Hospital), Marine Dubreucq (Saint Etienne), Daniele Langlois (Autism France organization), Magali Pignard (PAARI organization) - <b>Tasks</b> : project development and writing, ethics, online survey creation, recruitment of participants, data interpretation
2022-24	<b>PARTDIAG-TSA</b> – Project investigating the diagnostic journey and school participation in autistic children and teenager of Savoie and Isere counties. <b>Role</b> : Post-doctoral researcher. <b>Tasks</b> : data analysis and interpretation, writing
2018-22	<b>PREDEMAUT</b> – Predictive brain and face processing in adult autistic males and females – <b>Role</b> : Thesis research project and project co-leader. <b>Tasks</b> : project development and writing, ethics, financing, tasks development, recruitment of participants, data analyses, data interpretation

## COMPETITIVE AWARDS AND FELLOWSHIPS

2024	<ol style="list-style-type: none"> <li>1. Nominated by the CNRS for the <b>Women Impact Award – Falling Walls 2024</b> - Selected among the 7 finalists (among 83 nominated internationally by research institutes)</li> <li>2. <b>CIHR fellowship</b> – 70,000 CAD /year for 3 years. Rank 14<sup>th</sup> on 484 in competition – starting from 2024-09-01</li> <li>3. <b>Womenmind 2024</b> postdoctoral research award – <i>Declined the 60,000 CAD due to acceptance of CIHR.</i></li> </ol>
2023	<ol style="list-style-type: none"> <li>4. <b>Thesis Price of the Grenoble Alpes University</b> (one of the six academic prizes winner among 684 PhD graduates) – 1,500 €</li> </ol>
2022	<ol style="list-style-type: none"> <li>5. <b>Young Talents Award</b> for Women in Science – L'Oréal - UNESCO Foundation, France (one of the 30 laureates among more than 700 candidates) – 15,000 €</li> <li>6. <b>Mobility Grant</b> CBH Graduate school ( ANR-17-EURE-003) – Grenoble Alpes University, France – 3,050 €</li> <li>7. <b>Mobility Grant IDEX</b> – Grenoble Alpes University, France – 1,600 €</li> <li>8. <b>Mobility Grant</b> – Scientific Interest Group for autism and neurodevelopmental disorder – 2,000 €</li> </ol>
2018.22	<ol style="list-style-type: none"> <li>9. <b>PhD Fellowship</b> – French Ministry of Higher Education and Research, France</li> </ol>

## COMPETITIVE GRANT WRITING AND RESEARCH FUNDING HISTORY

2023.24	<ol style="list-style-type: none"> <li>1. FLEXPREAUT project - Neurofunctional Specificities in Autistic and Non-Autistic Adults Regarding Predictive Processes in High-Level Cognitive Flexibility Tasks. Institut Carnot Cognition – 25,000 €</li> <li>2. FLEXPREAUT project - Neurofunctional Specificities in Autistic and Non-Autistic Adults Regarding Predictive Processes in High-Level Cognitive Flexibility Tasks. CERCOG call for proposal collaboration and functioning – 6,400 €</li> <li>3. FLEXPREAUT project - Neurofunctional Specificities in Autistic and Non-Autistic Adults Regarding Predictive Processes in High-Level Cognitive Flexibility Tasks. CERCOG call for proposal initiation – 3,558 €</li> </ol>
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## PUBLICATIONS

### Journal Articles (peer-reviewed)

2024	<ol style="list-style-type: none"> <li>1. <b>Lacroix, A.</b>, Torija, E., Logemann, A., Baciú, M., Cserjesi, R., Dutheil, F., Gomot, M., &amp; Mermillod, M. (<i>Accepted in Autism Research</i>). Cognitive flexibility in autism : how task predictability and sex influence performance.</li> <li>2. <b>Lacroix, A.</b>, Bennetot-Deveria, Y., Baciú, M., Dutheil, F., Magnon, V., Gomot, M., &amp; Mermillod, M.. Understanding Emotional Flexibility in Autism: The Social Factors Matters. <i>Molecular Autism</i>. 15(1).</li> <li>3. <b>Lacroix, A.</b>, Garrido, M., Kovarski, K., Barbosa, L., Harquel, S., Vercueil, L., Kauffmann, L., Dutheil, F., Gomot, M., Mermillod, M. Reduced spatial frequency differentiation and sex-related specificities in fearful face detection in autism : insights from EEG and the predictive brain model. <i>Autism Research</i>. 17(9), 1778-1795.</li> <li>4. <b>Lacroix, A.</b>, Harquel, S., Mermillod, M., Garrido, M., Barbosa, L., Vercueil, L., Aleysson, D., Dutheil, F., Kovarski, K., &amp; Gomot, M.. Sex modulation of faces prediction error in the autistic brain. <i>Communications Biology</i>, 7(1)</li> </ol>
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5. Rynkiewicz, A., Zheng, S., & **Lacroix, A.**. Special considerations for assessing and caring for autism in girls and women. *Current Opinion in Psychiatry*
- 2022
  6. Mermillod, M., Perrier, M.J.R., **Lacroix, A.**, Kauffmann, L., Peyrin, C., Méot, A., Vermeulen, N., Dutheil, F. (2022). High Spatial Frequencies Disrupts Visual Recognition: Evidence from an Attentional Blink Paradigm. *Helyon*.
  7. **Lacroix, A.**, Harquel, S., Mermillod, M., Vercueil, L., Alleysson, D., Dutheil, F., Kovarski, K., & Gomot, M. (2022). The Predictive Role of Low Spatial Frequencies in Automatic Face Processing: A Visual Mismatch Negativity Investigation. *Frontiers in Human Neuroscience*, 16.
  8. **Lacroix, A.**, Dutheil, F., Logemann, A., Cserjesi, R., Peyrin, C., Biro, B., Gomot, M., & Mermillod, M. (2022). Flexibility in autism during unpredictable shifts of socio-emotional stimuli: Investigation of group and sex differences. *Autism*, 26(7), 1681–1697.
  9. Magnon, V., Vallet, G. T., Benson, A., Mermillod, M., Chausse, P., **Lacroix, A.**, Bouillon-Minois, J.-B., & Dutheil, F. (2022). Does heart rate variability predict better executive functioning? A systematic review and meta-analysis. *Cortex*.
- 2021
  10. **Lacroix, A.**, Nalborczyk, L., Dutheil, F., Kovarski, K., Chokron, S., Garrido, M., Gomot, M., & Mermillod, M. (2021). High spatial frequency filtered primes hastens happy faces categorization in autistic adults. *Brain and Cognition*, 155, 105811.

#### Submitted articles

- 2024
  11. **Lacroix, A.**, Burnel, M., Baci, M., Occelli, P., Perrone-Bertolotti, M., David, M., & Ego, A. (*Under review in Autism*). Autistic behaviors reduce school participation in French autistic girls and boys : insight from a structural equation modeling study.
  12. **Lacroix, A.**, Gomot, M., Fombonne, M., Perrier, M.J.R., Peyrin, C., Vermeulen, N., Park, G., Dutheil, F., & Mermillod, M. (*In revision*). Both high and low spatial frequencies are critical for visual consciousness in autism: Evidence of an emotional attentional blink paradigm. *Visual Cognition*.
  13. Pieron, M., **Lacroix, A.**, Chokron, S., & Demily, C. (*Under review in L'Encéphale*). For participatory research in autism spectrum disorders.
  14. Rynkiewicz, A., Ferensztajn-Rochowiak, E., Moseley, R., Gamble-Turner, J-M., Hadjikhani, N., **Lacroix, A.**, Brewer Curran, A., Sohl, K., Darmochwal-Kalrz, D., Treatment of menopausal vasomotor symptoms (VMS) and sensory issues in an 53-year-old autistic woman – case report (*Submitted*).

#### Book

- 2023
  1. **Lacroix, A.** Autisme au féminin – Approches historique et scientifique, regards cliniques. Grenoble, France : Éditions de l'Université Grenoble Alpes – Collection Carrefour des Idées (*peer-reviewed*)

#### Book chapter

- 2023
  1. **Lacroix, A.** Autisme et recherche participative. In C. Barthélémy et F. Bonnet-Briault (dir.), L'autisme de l'enfance à l'âge adulte, coll., Psychiatrie. Paris, France : Lavoisier.
  2. Rynkiewicz, A., Domarecki, P., Pieniążek, A., Ossolińska, A., **Lacroix, A.**, Sykała, A., & Klecha, G. (2023). *ECHO Autism Poland STAT and the GQ-ASC (Q-ASC) questionnaire. The use of autism screening assessments in the ECHO Autism Poland model*. Poland : Wydawnictwo Uniwersytetu Rzeszowskiego. (*peer-reviewed*)

#### In conference proceedings

- 2019
  1. **Lacroix, A.** & Cazalis, F. Comment caractériser les femmes autistes à l'âge adulte. In S. Topouzkhaniyan et G. Hilaire-Debove (dir.), Troubles du Spectre de l'autisme : recherche et orthophonie, Actes 2019 (p. 35 à 68). Paris, France : ortho edition.

### CONFERENCES AND SEMINARS (WITH A SCIENTIFIC MAIN AUDIENCE)

#### Talks

- 2024
  1. **Lacroix, A.**, Predictive mechanisms during socio-emotional processing in autistic adults. June 26. Laboratory of interactions between cognition, action and emotion (LICAE), Paris, France. Invited talk.
  2. **Lacroix, A.**, Socio-emotional processing in autism : gender matters. Savoie Mont Blanc University (USMB) seminar. April 19. Chambéry, France. Invited talk
  3. **Lacroix, A.**, Socio-emotional processing in autism : gender matters. Neurology Friday seminar. February 16. Grenoble, France. Invited talk
- 2023
  4. **Lacroix, A.**, Neurofunctional specificities in autistic adults in predictive processes during cognitive flexibility. Cercog Seminar. December 8. Grenoble, France. Invited talk.

5. **Lacroix, A.** Socio-emotional prediction in autism : specificities and sex differences. *Neurospin Seminar*. June 13. Paris, France. *Invited Talk*
6. **Lacroix, A.,** Bonnot-Briey S., Eté N. , Er Rajaoui L., Maulavé C. (2023). Recherche participative en France aujourd'hui : point de vue de personnes présentant un Trouble Du Neurodéveloppement (Participatory research in France: the point of view of individuals with neurodevelopmental disorders). Scientific and civic day of the Institut Robert Debré du Cerveau de l'Enfant (APHP), Paris, France
- 2022 7. Rynkiewicz, A., Sohl, K., Vasa, R.A., Brewer Curran, A., **Lacroix, A.,** Klecha, G., Klecha, J., Plata-Nazar, K., Łucka, I., Mazur, A. Global scale ECHO Autism model enhancing healthcare for females with autism spectrum disorder (ASD) during their transition into adulthood. *13<sup>th</sup> Autism-Europe International Congress*. October 7-9, 2022. Cracow, Poland.
8. **Lacroix, A.** Être femme et autiste. *20<sup>e</sup> Congrès de l'encéphale*. January 19-20-21, 2022. *Invited talk*.
9. Dubreucq, M., **Lacroix A.,** Pignard, M., Langlois, D., Demily, C. Participatory research : how to achieve a genuine co-construction with autistic individuals. *Journée de recherche transdisciplinaire iMind/ Gis Autisme*. March 17. 2022., Lyon, France.
10. Dubreucq, M., **Lacroix A.,** Pignard, M., Langlois, D., Demily, C. Participatory research : how to achieve a genuine co-construction with autistic individuals. *Journées Neurosciences Psychiatrie Neurologie*. June 30 – July 1, 2022. Paris, France.
- 2021 11. Mermillod, M. & **Lacroix, A.** Predictive brain and emotion recognition in autism. *LAPSCO Seminar*. September 30, 2021. Clermont-Ferrand, France. *Invited talk*.
12. **Lacroix, A.,** Nalborczyk, L., Mermillod, M., Pouchon, A., Jaffiol, A., & Polosan, M. Emotional predictive brain in bipolar disorder : contribution of diffusion models. *Meeting of Expertise Centers for Bipolar Disorder of the FondaMental Foundation*. June 16, 2021. Grenoble, France. *Invited talk*.
- 2020 13. **Lacroix, A.** Autism in females : from research to clinical practice. *18<sup>e</sup> Congrès de l'Encéphale*. January 22, 2020. Paris, France. *Invited talk*.
- 2019 14. **Lacroix, A.** & Cazalis, F. How to characterize autistic women in adulthood ? *XIX<sup>èmes</sup> Rencontres internationales d'orthophonie*. December 6, 2019. Paris, France. *Invited talk*.
15. **Lacroix, A.,** Cumin, J. Mottron, L., Duret, P., & Cazalis, F. What can we learn by including autistic people in the scientific process? *XII<sup>e</sup> Congrès International Autisme Europe*. September 13 – 15, 2019. Nice, France.
- 2017 16. Rynkiewicz, A., Garnett, M., Attwood, T., Brownlow, C., Baron-Cohen, S., Hadjikhani, N., Lassalle, A., Sarah, O., Pieniążek, A., Kalisz, K., **Lacroix, A.,** & Łucka, I. (2017). Autism spectrum conditions (ASC) in females – clinical perspectives on diagnosis and new directions in the assessments' construct. *1st International Conference of Polish Child and Adolescent Psychiatry*. Katowice, Poland.

## Posters

- 2023 1. **Lacroix, A.,** Harquel, S., Kovarski, K., Barbosa, L., Garrido, M., Vercueil, L., Kauffmann, L., Dutheil, F., Gomot, M., Mermillod, M., Dissociation between neural and behavioral response in the coarse-to-fine processing of faces in autism. *Organisation for Human Brain Mapping*. Montreal, Canada.
2. **Lacroix, A.,** Mermillod, M., Harquel, S., Garrido, M., Barbosa, L., Vercueil, L., Aleysson, D., Dutheil, F., Kovarski, K., Gomot, M., (2023). Sex Differences in Atypical Predictive Processes from Low Spatial Frequencies in ASD: Evidence from Mismatch Responses to Filtered Faces. *International Society for Autism Research*. Stockholm, Sweden.
- 2021 3. **Lacroix, A.,** Gomot, M., Logemann, A., Peyrin, C., Dutheil, F., Biro, B., Cserjesi, R., & Mermillod, M. (2021). Reduced flexibility in autism on an unpredicted emotional flexibility task. *International Society for Autism Research*. Online
- 2019 4. **Lacroix, A.,** Perrier, M., Fombonne, M., Kauffmann, L., Peyrin, L., Vermeulen, N., Dutheil, F., Gomot, M. & Mermillod, M. (2019). High Spatial Frequencies dominance for visual consciousness in autistic and non-autistic subjects suggested by an attentional blink paradigm – *European Society for Cognitive Psychology*. Tenerife, Spain
5. **Lacroix, A.,** Cumin, J., Duret, P., Tsaag-Valren, A., Rynkiewicz, A., Mottron, L., & Cazalis, F. (2019). Exploration of the French version of the Q-ASC: a tool for investigating the female autistic profile, *International Autism Europe Congress*. Nice, France.

## TEACHING

- 2024 **Autism in females : challenges and ressources in evryday life**, Lecture, CAS Autisme. University of Geneva (Switzerland)
- 2021.23 **Autism : research advances**, Lecture, Master in Child Neuropsychology, Grenoble Alpes University (France).
- 2022 **Differential Psychology and Psychometry**, Lecture and practical work, Licence in Psychology, Grenoble Alpes University (France).
- 2021 **Statistics**, Practical work with R, Master in Child Neuropsychology, Grenoble Alpes University (France).

- 2018.21 **Cognitive Psychology**, Practical work, Licence in Psychology, Grenoble Alpes University (France).
- 2018.19 **Research Methodology**, Practical work, Licence in Psychology, Grenoble Alpes University (France).
- 2010.16 **Teacher in special need education.**
- 2008.10 **Primary school teacher.**

## CO-SUPERVISION

### Bachelor's honours

- 2023.24 1. Aline Virot, Grenoble Alpes University - fMRI study of the activity of the predictive networks in autistic males and females during social and non-social flexibility tasks. Principal supervisor. In progress
2. Orane Ouassa, Grenoble Alpes University - fMRI study of the activity of the predictive networks in autistic males and females during an emotional flexibility task. Principals supervisor. In progress.
- 2020.21 3. Valentine Cuisinier, Grenoble Alpes University - Spatial frequency processing during visual recognition in autistic adult. Co-supervisor. Completed
- 2018.19 4. Margot Fombonne, Grenoble Alpes University. Emotionnal attentional blink in autism. Co-supervisor. Completed.

### Master's non thesis. (= 1)

- 2022.23 1. Marion Chabert, Grenoble Alpes University. Identifying the factors influencing scholar and social participation in autistic children using structural equation modeling. Principal supervisor. Completed.

### Master's thesis (= 5)

- 2021.22 1. Emma Torija, Grenoble Alpes University. Predictive brain and flexibility in autistic adults. Co-supervisor. Completed.
2. Yoann Bennetot, Grenoble Alpes University. Flexibility during the processing of socio-emotional stimuli in autistic adults. Co-supervisor. Completed.
3. Antoine Jaffiol, Grenoble Alpes University. Emotional proactive brain in bipolar disorder. Co-supervisor. Completed.
4. Margot Fombonne, Grenoble Alpes University. Emotional proactive brain in autism. Co-supervisor. Completed.
5. Morgane Bordet, Grenoble Alpes University. Socio-emotional flexibility in autistic adults. Co-supervisor. Completed.

## JURY

### Thesis defense

- 2024 1. Soline Burckard, Neurospin, Paris France. Cortical sulcation and autism symptomatology: MRI studies

### Master's non thesis

- 2024 1. Cynthia Cohen, Grenoble Alpes University. Study of implicit and explicit metacognitive processes of students diagnosed with ASD through their questioning in class
2. Morgane Pires, Grenoble Alpes University. Visual perspective-taking: A case study of autistic children with intellectual disability
3. Cynthia Gilibert, Grenoble Alpes University. Visual Perspective taking in Autism Spectrum disorder
4. Enola Boisseleau, Toulouse III University. Visual sensory research in adolescents with ADHD or ASD: A pilot study.
- 2023 5. Orlane Berric, Grenoble Alpes University. Development of an experimental device for non-semantic recognition of emotional facial expressions in children with Autism Spectrum Disorder
6. Elise Courbis, Grenoble Alpes University. Development of a device to assess emotion recognition abilities in context among autistic children.
7. Pauline Reynouard, Grenoble Alpes University. Development of an experimental device for non-semantic recognition of facial emotions in neurotypical children and children with autism spectrum disorder
8. Purghe Lola, Grenoble Alpes University. Recognition of emotional facial expressions in children with Autism Spectrum Disorder
9. Jeannie Meyreand, Grenoble Alpes University. Evaluation of the perception of emotional facial expressions in Autism Spectrum Disorder: Towards an adapted methodology
- 2021 10. Gael Galindo, Grenoble Alpes University. Link between theory of mind and visual perspective-taking based on autistic traits in a neurotypical adult population.

## GENERAL AUDIENCE, KNOWLEDGE USER PRESENTATIONS AND ROUNDTABLES

- 2024 1. Briser les mythes: à la découverte des femmes autistes (Shattering myths: discovering autism in females). Lecture for the Grand Autism Symposium by Ideereka. Online.
2. Autisme au féminin : quelles spécificités? (Autism in females: which specificities?). Lecture at the Saint Egrève Hospital Centre.
3. Autisme au féminin: historique, caractéristiques et accompagnement (Autism in females : history, characteristics and support). Recorded course for the autism training platform PUFADSA. Clermont-Ferrand, France



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| 2023 | <ol style="list-style-type: none"> <li>4. Autism au féminin: chassons les idées reçues (Autism in females : dispelling common misconceptions). Aspie friendly lecture. Clermont-Ferrand, France.</li> <li>5. Différences liées au sexe dans la perception visuelle des visages chez les adultes autistes et non autistes : influence des mécanismes prédictifs ? (Sex differences in face visual perception in autistic and non-autistic adults). Scientific and participative mediation "Sex/gender and sensory perception in neurodevelopmental disorders", Paris, France.</li> <li>6. My book on autism in females. Talk on my book for "Aspie-friendly University", Online, France</li> <li>7. Women in science. Invited for the roundtable on women in science for the biotechno forum, Grenoble, France.</li> <li>8. Autisme au féminin: dépasser les lieux communs avec l'approche scientifique. (Autism in Women: Moving Beyond Commonplaces with a Scientific Approach.). Presentation for the organization "Autisme Genève", Geneva, Switzerland.</li> <li>9. Autisme : et les filles...? (Autism : and females...?). Presentation for primary school teachers and special need teachers, Paris, France.</li> <li>10. Les filles et l'autisme : moins nombreuses? moins visibles? Mythes et réalités (Autism in females : fewer? less visible? Myths and reality). Presentation for the self-regulation system day, Online, France</li> <li>11. Autisme au féminin (Autism in females). One day of lecture for the organization "Autisme Suisse romande", Lausanne, Switzerland</li> <li>12. Autisme au féminin (Autism in females). Talk for the autism awareness day for the organization Asperger Lorraine, Metz, France</li> <li>13. Femmes autistes: les oubliées (Autistic females : the forgotten ones?). Workshop "Science infuse" organized by the library of Grenoble Alpes University, Grenoble, France</li> </ol> |
| 2022 | <ol style="list-style-type: none"> <li>14. L'autisme au féminin (Autism in females). Oral presentation for the organization Parlons d'Autisme, Neuchâtel, Switzerland</li> <li>15. Autisme au féminin (Autism in females). Presentation for the organization Autisme Bassin Lémanique, Margencel, France</li> <li>16. L'autisme au féminin (Autism in females). One day training for the organization Autisme Suisse Romande, Neuchâtel, Switzerland</li> <li>17. Lacroix, A., Dubreucq, M.. Devenir parent quand on est autiste : des challenges supplémentaires ? (Becoming parent when you are autistic : additional challenges ?). Webinar iMind, France</li> </ol>   |
| 2021 | <ol style="list-style-type: none"> <li>18. Lacroix, A., Leignier, S.; Lagasse, S.; Perrier, C.-C., Roure, R. (2021). La question identitaire chez les femmes autistes adultes (Identity in adult autistic females). Webinar for the Groupement National des Centres Ressources Autisme, Grenoble, France</li> <li>19. La fatigabilité des personnes autistes (Fatigability in autistic individuals). Round table for the SpielAct Festival, Genève, Switzerland</li> </ol>  |
| 2019 | <ol style="list-style-type: none"> <li>20. L'autisme au féminin : profil et diagnostic (Autism in females : profile and diagnostic). oral presentation for « Femmes avant tout » at the French National Assembly, Paris, France</li> <li>21. État des lieux de la recherche sur les femmes autistes (State of the art in research on autism in females). Oral presentation for Autisme 22, Saint Briec, France</li> <li>22. Filles et femmes autistes, de l'ombre à la lumière (Autistic girls and women : from shadow to light). oral presentation at the Haute École de Travail Social et de la Santé, Lausanne, Switzerland</li> </ol>   |
| 2018 | <ol style="list-style-type: none"> <li>23. L'autisme au féminin durant l'enfance : profil et dépistage (Autism in females in childhood: profile and screening). 2nd congress of "L'étoile d'Asperger", Toulouges, France</li> <li>24. L'autisme au féminin : quelles spécificités ? (Autism in females: which specificities?). Centre d'Évaluation Savoyard de L'autisme, Chambéry, France</li> <li>25. L'autisme au féminin, que dit la recherche ? (Autism in females : what does the research says?). Presentation for Autism Geneva, Geneva, Switzerland</li> <li>26. L'autisme au féminin : état des connaissances et stratégies d'accompagnement scolaire (Autism in females : state of art and school support strategies). Haute École de Travail Social et de la Santé, Lausanne, Switzerland</li> </ol>  |

## BROADCAST INTERVIEWS

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| 2023.09.10 | 1. Autism in females, Interview for the French radio <b>France Bleu Isère</b>  |
| 2023.09.08 | 2. Being a female and autistic, <b>Podcast</b> "Troubles dans le spectre" realized by the research center <b>iMind</b> Lyon. 50 minutes  |
| 2023.06.12 | 3. Autism in females: presentation of how autism present in females and why they are underdiagnosed. Presentation of my book., The program is the 13/14 on the French national radio <b>France Inter</b> - 10 minutes                        |
| 2023.05.16 | 4. Autism in females: presentation of how autism manifest in females, what are their specificities and presentation of my book., Invited for the broadcast "L'instantané", on the french regional channel <b>France 3 Alpes</b> . 10 minutes |
| 2023.05.12 | 5. Autism in females : sex ratio, diagnostic, research, Interview for the french radio <b>Vivre FM</b> . 45 minutes  |

- 2023.04.01 & 2023.04.02 6. My fMRI research on socio-emotional flexibility in autistic males and females and my book on autism in females, Journal of **France 3 Alpes** (French television). 2 minutes.
- 2023.03.03 7. My research on autism in females, **Podcast "Echos des sciences"**. Subject : "Femmes de tête". 20 minutes.
- 2022.10.12 8. Award For women in science and my research in the visual perception in autism., Interview for the french radio **France bleu Pays de Savoie** for the journal of 8:00. 5 minutes.

## TEXT INTERVIEWS

- 2023.08.31 1. "3 questions à Adeline Lacroix. Les femmes autistes sont sous-diagnostiquées." (Autism in females is under-diagnosed. 3 questions to Adeline Lacroix), Interview by M.Olano for "**Sciences Humaines**" (national journal)
- 2023.08.07 2. "Autisme au féminin" (Autism in females), Interview from E. Bozon-Verduraz for "**Le Dauphiné Libéré**" (regional journal)
- 2023.07.07 3. "Pendant longtemps, on a exclu que les femmes pouvaient être autistes" (For a long time, it was ruled out that women could be autistic.), Interview for "**Elle**" (national journal)
- 2023.06.19 4. "Adeline Lacroix, son combat face à l'autisme au féminin" (Adeline Lacroix, her fight for autistic women) Portrait: Ils font bouger votre région (Portrait: personalities who boost your region), Interview by S.Falcoz for "**Le Dauphiné Libéré**" (regional journal)
- 2023.03.31 5. "Qui sont les aspergirls?" (Who are the aspergirls?), Interview by Christelle Gilquin for "**Femmes d'aujourd'hui**" (Belgium national journal)
- 2022.10.20 6. "Une chercheuse originaire du chablais récompensée pour son travail sur l'autisme" (A researcher from the Chablais region wins an award for her work on autism). Interview on my research and my award., Interview by M. Dumur for "**Le messager**" (local French journal)
- 2022.10.14 7. "Une chercheuse récompensée pour ses travaux sur l'autisme" (A researcher wins an award for her work on autism). Interview on my research and my award., Interview by S. Falcoz for "**le Dauphiné Libéré**" (french regional journal)
- 2021.04.02 8. "Les communes s'illuminent en bleu pour la journée de l'autisme" (Communes light up in blue for Autism Day). Interview on my journey as an autistic woman doing research on autism., Interview by B. Dorat for "**Le Dauphiné Libéré**" (regional french journal)
- 2019.03.31 9. "En neurosciences, les choses progressent" (In neuroscience, things are improving). How neurosciences benefits to autism research., Interview by I. Calendre for "**Le Dauphiné Libéré**" (regional french journal)

## OTHER SCIENTIFIC ACTIVITIES

- 2024 - present Member of the work team "Participatory research school" – organization of the first participatory research school in Autism and Neurodevelopmental Disorder in 2025 with the Scientific Interest Group for Autism and Neurodevelopmental Disorders
- 2020-present Contribution to the **organization of conferences** with the national Scientific Interest Group for Autism and Neurodevelopmental Disorders
- 2023 **Committee Member** of the research focus group for the inter-ministerial delegation for the national autism strategy (2023 – 2027)
- 2021 **Member of the scientific committee** for the 2<sup>nd</sup> national conference on autism. November 19 – 20 2021. Bern, Switzerland.
- 2021.24 **Ad-hoc Reviewer** for Scientific Reports, Autism, Journal of Autism and Developmental Disorder, Brain Research, Visual Cognition, Neuropsychiatric Disease and Treatment
- Labtimes : talks on various methodological topics** based on articles (e.g., Drift Diffusion Model ; Data Transformation ; Random effect structure in mixed models; Open Science ) + Labtimes organization

## SKILLS

**Programming languages** : R (Intermediate), Matlab (Beginner), Overleaf (Beginner)  
**Neuroimaging**: Brainstorm (Beginner to intermediate), SPM (beginner)  
**Languages** : French (native), English (Professional)

## REFEREES

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Last updated : 23/11/2024