

# Scientific Publications

\**KCNI* author(s)/co-authors

[\*Aberrant computational mechanisms of social learning and decision-making in schizophrenia and borderline personality disorder\*](#)

Published September 30, 2020

Lara Henco, **Andreea O Diaconescu**, Juha M Lahnakoski, Marie-Luise Brandi, Sophia Hörmann, Johannes Hennings, Alkomiet Hasan, Irina Papazova, Wolfgang Strube, Dimitris Bolis, Leonhard Schilbach, Christoph Mathys

[\*The Neuron Phenotype Ontology: A FAIR Approach to Proposing and Classifying Neuronal Types\*](#)

Published September 2, 2020

Thomas H Gillespie, **Shreejoy Tripathy**, Mohameth Francois Sy, Maryann E Martone, **Sean Lewis Hill**

[\*Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders\*](#)

Published August 26, 2020

Yash Patel, Nadine Parker, Jean Shin, Derek Howard, **Leon French**, Sophia I Thomopoulos, Elena Pozzi, Yoshinari Abe, Christoph Abé, Alan Anticevic, Martin Alda, Andre Aleman, Clara Alloza, Silvia Alonso-Lana, Stephanie H Ameis, Evdokia Anagnostou, Andrew A McIntosh, Celso Arango, Paul D Arnold, Philip Asherson, Francesca Assogna, Guillaume Auzias, Rosa Ayesa-Arriola, Geor Bakker, Nerisa Banaj, Tobias Banaschewski, Cibebe E Bandeira, Alexandr Baranov, Núria Bargalló, Claiton HD Bau, Sarah Baumeister, Bernhard T Baune, Mark A Bellgrove, Francesco Benedetti, Alessandro Bertolino, Premika SW Boedhoe, Marco Boks, Irene Bollettini, Caterina del Mar Bonnin, Tiana Borgers, Stefan Borgwardt, Daniel Brandeis, Brian P Brennan, Jason M Bruggemann, Robin Bülow, Geraldo F Busatto, Sara Calderoni, Vince D Calhoun, Rosa Calvo, Erick J Canales-Rodríguez, Dara M Cannon, Vaughan J Carr, Nicola Cascella, Mara Cercignani, Tiffany M Chaim-Avancini, Anastasia Christakou, David Coghill, Annette Conzelmann, Benedicto Crespo-Facorro, Ana I Cubillo, Kathryn R Cullen, Renata B Cupertino, Eileen Daly, Udo Dannlowski, Christopher G Davey, Damiaan Denys, Christine Deruelle, Annabella Di Giorgio, **Erin W Dickie**, Danai Dima, Katharina Dohm, Stefan Ehrlich, Benjamin A Ely, Tracy Erwin-Grabner, Thomas Ethofer, Damien A Fair, Andreas J Fallgatter, Stephen V Faraone, Mar Fatjó-Vilas, Jennifer M Fedor, Kate D Fitzgerald, Judith M Ford, Thomas Frodl, Cynthia HY Fu, Janice M Fullerton, Matt C Gabel, David C Glahn, Gloria Roberts, Tinatin Gogberashvili, Jose M Goikolea, Ian H Gotlib, Roberto Goya-Maldonado, Hans J Grabe, Melissa J Green, Eugenio H Grevet, Nynke A Groenewold, Dominik Grotegerd, Oliver Gruber, Patricia Gruner, Amalia Guerrero-Pedraza, Raquel E Gur, Ruben C Gur, Shlomi Haar, Bartholomeus CM Haarman, Jan Haavik, Tim Hahn, Tomas Hajek, Benjamin J Harrison, Neil A Harrison, Catharina A Hartman, Heather C Whalley, Dirk J Heslenfeld, Derrek P Hibar, Eva Hilland, Yoshiyuki Hirano, Tiffany C Ho, Pieter J Hoekstra, Liesbeth Hoekstra, Sarah Hohmann, LE Hong, Cyril Höschl, Marie F Høvik, Fleur M Howells, Igor Nenadic, Maria Jalbrzikowski, Anthony C James, Joost Janssen, Fern Jaspers-Fayer, Jian Xu, Rune Jonassen, Georgii Karkashadze, Joseph A King, Tilo Kircher, Matthias Kirschner, Kathrin Koch, Peter Kochunov, Gregor Kohls, Kerstin Konrad, Bernd Krämer, Axel Krug, Jonna Kuntsi, Jun Soo Kwon, Mikael Landén, Nils I Landrø, Luisa Lazaro, Irina S Lebedeva, Elisabeth J Leehr, Sara Lera-Miguel, Klaus-Peter Lesch, Christine Lochner

[\*Reproducibility in the absence of selective reporting: An illustration from largescale brain asymmetry research\*](#)

Published 25, August 2020

XiangZhen Kong, ENIGMA Laterality Working Group, Clyde Francks, XiangZhen Kong, Samuel R Mathias, Tulio Guadalupe, Christoph Abé, Ingrid Agartz, Theophilus N Akudjedu, Andre Aleman, Saud Alhusaini, Nicholas B Allen, David Ames, Ole A Andreassen, Alejandro Arias Vasquez, Nicola J Armstrong, Phil Asherson, Felipe Bergo, Mark E Bastin, Albert Batalla, Jochen Bauer, Bernhard T Baune, Ramona Baur-Streubel, Joseph Biederman, Sara K Blaine, Premika Boedhoe, Erlend Bøen, Anushree Bose, Janita Bralten, Daniel Brandeis, Silvia Brem, Henry Brodaty, Dilara Yüksel, Samantha J Brooks, Jan Buitelaar, Christian Bürger, Robin Bülow, Vince Calhoun, Anna Calvo, Erick Jorge Canales-Rodríguez, Dara M Cannon, Elisabeth C Caparelli, Francisco X Castellanos, Fernando Cendes, Tiffany Moukbel Chaim-Avancini, Kaylita Chantiluke, Qunlin Chen, Xiayu Chen, Yuqi Cheng, Anastasia Christakou, Vincent P Clark, David Coghill, Colm G Connolly, Annette Conzelmann, Aldo Córdova-Palomera, Janna Cousijn, Tim Crow, Ana Cubillo, Udo Dannlowski, Sara Ambrosino de Bruttupilo, Patrick de Zeeuw, Ian J Deary, Damion V Demeter, Adriana Di Martino, **Erin W Dickie**, Bruno Dietsche, Nhat Trung Doan, Colin P Doherty, Alysa Doyle, Sarah Durston, Eric Earl, Stefan Ehrlich, Carl Johan Ekman, Torbjørn Elvsåshagen, Jeffery N Epstein, Damien A Fair, Stephen V Faraone, Guillén Fernández, Claas Flint, Geraldo Busatto Filho, Katharina Förster, JeanPaul Fouché, John J Foxe, Thomas Frodl, Paola Fuentes-Claramonte, Janice M Fullerton, Hugh Garavan, Danielle do Santos Garcia, Ian H Gotlib, Anna E Goudriaan, Hans Jörgen Grabe, Nynke A Groenewold, Dominik Grotegerd, Oliver Gruber, Tiril Gurholt, Jan Haavik, Tim Hahn, Narelle K Hansell, Mathew A Harris, Catharina A Hartman, Maria del Carmen Valdés Hernández, Dirk Heslenfeld, Robert Hester, Derrek Paul Hibar, Bengchoon Ho, Tiffany C Ho, Pieter J Hoekstra, Ruth J van Holst, Martine Hoogman, Marie F Høvik, Fleur M Howells, Kenneth Hugdahl, Chaim Huyser, Martin Ingvar, Akari Ishikawa, Anthony James, Neda Jahanshad, Terry L Jernigan, Erik G Jönsson, Vasily Kaleda, Clare Kelly, Michael Kerich, Matcheri S Keshavan, Sabin Khadka, Tilo Kircher, Gregor Kohls, Kerstin Konrad, Ozlem Korucuoglu, Bernd Krämer, Axel Krug, Jonna Kuntsi, Jun Soo Kwon, Nanda Lambregts-Rommelse, Mikael Landén, Luisa Lázaro, Irina Lebedeva, Rhoshel Lenroot, KlausPeter Lesch, Qingin Li, Kelvin O Lim, Jia Liu, Christine Lochner, Edythe D London, Valentina Lorenzetti, Michelle Luciano, Maartje Luijten, Astri J Lundervold, Scott Mackey, Frank P MacMaster, Sophie Maingault

[\*Consequences of NMDA receptor deficiency can be rescued in the adult brain\*](#)

Published August 17, 2020

Catharine A Mielnik, Mary A Binko, Yuxiao Chen, Adam J Funk, Emily M Johansson, Katheron Intson, Nirun Sivananthan, Rehnuma Islam, Marija Milenkovic, Wendy Horsfall, Ruth A Ross, Laurent Groc, Ali Salahpour, Robert E McCullumsmith, **Shreejoy Tripathy**, Evelyn K Lambe, Amy J Ramsey

[\*Neural arbitration between social and individual learning systems\*](#)

Published August 11, 2020

**Andreea Oliviana Diaconescu**, Madeline Stecy, Lars Kasper, Christopher J Burke, Zoltan Nagy, Christoph Mathys, Philippe N Tobler

[\*Susceptibility to gingipains and transcriptomic response to P. gingivalis highlights the ribosome, hypothalamus, and cholinergic neurons\*](#)

Published August 10, 2020

Sejal Patel, Derek Howard, **Leon French**

[\*Genetics of Gene Expression in the Aging Human Brain Reveal TDP-43 Proteinopathy Pathophysiology\*](#)

Published August 5, 2020

Hyun-Sik Yang, Charles C White, Hans-Ulrich Klein, Lei Yu, Christopher Gaiteri, Yiyi Ma, **Daniel Felsky**, Sara Mostafavi, Vladislav A Petyuk, Reisa A Sperling, Nilüfer Ertekin-Taner, Julie A Schneider, David A Bennett, Philip L De Jager

[Hierarchical Bayesian models of social inference for probing persecutory delusional ideation.](#)

Published August 1, 2020

**Andreea Oliviana Diaconescu**, Katharina V Wellstein, Lars Kasper, Christoph Mathys, Klaas Enno Stephan

[Assessing the Molecular Overlap Between Human Major Depressive Disorder and Three Mouse Models of Chronic Stress](#)

Published July 15, 2020

**Shreejoy Tripathy**

[Ketamine affects prediction errors about statistical regularities: a computational Single-Trial analysis of the mismatch negativity](#)

Published July 15, 2020

Lilian A Weber, **Andreea O Diaconescu**, Christoph Mathys, André Schmidt, Michael Kometer, Franz Vollenweider, Klaas E Stephan

[Impact of genetic susceptibility to multiple sclerosis on the T cell epigenome: proximal and distal effects](#)

Published July 12, 2020

Tina Roostaei, Hans-Ulrich Klein, **Daniel Felsky**, Pia Kivisäkk, Sarah M Connor, Alexandra Kroshilina, Christina Yung, Yiyi Ma, Belinda J Kaskow, Xiaorong Shao, Brooke Rhead, Jia Liu, Nikolaos Patsopoulos, Lisa F Barcellos, Howard L Weiner, Philip L De Jager

[Molecular neuroanatomy of anorexia nervosa](#)

Published July 10, 2020

Derek Howard, Priscilla Negraes, Aristotle N Voineskos, Allan S Kaplan, Alysson R Muotri, Vikas Duvvuri, **Leon French**

[Rodent somatosensory thalamocortical circuitry: neurons, synapses, and connectivity](#)

Published July 5, 2020

Christian O'Reilly, Elisabetta Iavarone, Jane Yi, **Sean L Hill**

[Mapping cortical and subcortical asymmetry in obsessive-compulsive disorder: findings from the ENIGMA Consortium](#)

Published June 15, 2020

Xiang-Zhen Kong, Premika SW Boedhoe, Yoshinari Abe, Pino Alonso, Stephanie H Ameis, Paul D Arnold, Francesca Assogna, Justin T Baker, Marcelo C Batistuzzo, Francesco Benedetti, Jan C Beucke, Irene Bollettini, Anushree Bose, Silvia Brem, Brian P Brennan, Jan Buitelaar, Rosa Calvo, Yuqi Cheng, Kang Ik K Cho, Sara Dallaspezia, Damiaan Denys, Benjamin A Ely, Jamie Feusner, Kate D Fitzgerald, Jean-Paul Fouché, Egill A Fridgeirsson, David C Glahn, Patricia Gruner, Deniz A Gürsel, Tobias U Hauser, Yoshiyuki Hirano, Marcelo Q Hoexter, Hao Hu, Chaim Huyser, Anthony James, Fern Jaspers-Fayer, Norbert Kathmann, Christian Kaufmann, Kathrin Koch, Masaru Kuno, Gerd Kvale, Jun Soo Kwon, Luisa Lazaro, Yanni Liu, Christine Lochner, Paulo Marques, Rachel Marsh, Ignacio Martínez-Zalacain, David Mataix-Cols, Sarah E Medland, José M Menchón, Luciano Minuzzi, Pedro S Moreira, Astrid Morer, Pedro Morgado, Akiko Nakagawa, Takashi Nakamae, Tomohiro Nakao, Janardhanan C Narayanaswamy, Erika L Nurmi, Joseph O'Neill, Jose C Pariente, Chris Perriello, John Piacentini, Fabrizio Piras, Federica Piras, Christopher Pittenger, YC Janardhan Reddy, Oana Georgiana Rus-Oswald, Yuki Sakai, Joao R Sato, Lianne Schmaal, H Blair Simpson, Noam Soreni, Carles Soriano-Mas, Gianfranco Spalletta, Emily R Stern, Michael C Stevens, S Evelyn Stewart, Philip R Szeszko, David F Tolin, Aki Tsuchiyagaito, Daan Van Rooij, Guido A Van Wingen, Ganesan Venkatasubramanian, Zhen Wang, Je-Yeon Yun, Alan Anticevic, Nerisa Banaj, Nuria Bargalló, Daniel Brandeis, Geraldo F Busatto, Anna Calvo, Valentina Ciullo, Froukje E de Vries, Stella J de Wit, **Erin Dickie**, Renate Drechsler, Madalena Esteves, Andrea Falini, Yu Fang, Martijn Figee, Martine Fontaine, Geoff Hall, Sayo Hamatani, Gregory L Hanna, Bjarne Hansen, Keisuke Ikari, Neda Jahanshad, Ricardo Magalhães, Yasutaka Masuda, Koji Matsumoto, James T McCracken, Euripedes C Miguel, Jin Narumoto, Seiji Nishida, Sara Poletti, Tim Reess, Eiji Shimizu, Nuno Sousa, Jumpei Takahashi, Jinsong Tang, Anders Lillevik Thorsen, Ysbrand D van der Werf, Dick J Veltman, Daniela Vecchio, Susanne Walitza, Anri Watanabe, Jian Xu, Xiufeng Xu, Kei Yamada, Tokiko Yoshida, Mojtaba Zarei, Qing Zhao, Cong Zhou, Paul M Thompson, Dan J Stein, Odile A van den Heuvel, Clyde Francks

[Brain Volume Changes Under Treatment With Antipsychotics—Reply](#)

Published June 10, 2020

Aristotle N Voineskos, **Erin W Dickie**, Benoit H Mulsant

[The Caribbean-Hispanic Alzheimer's Brain Transcriptome Reveals Ancestry-Specific Disease Mechanisms](#)

Published June 10, 2020

**Daniel Felsky**, Sanjeev Sariya, Ismael Santa-Maria, **Leon French**, Julie A Schneider, David A Bennett, Richard P Mayeux, Phillip L De Jager, Giuseppe Tosto

[Synonymous variants associated with Alzheimer disease in multiplex families](#)

Published June 8, 2020

Min Tang, Maria Eugenia Alaniz, **Daniel Felsky**, Badri Vardarajan, Dolly Reyes-Dumeyer, Rafael Lantigua, Martin Medrano, David A Bennett, Philip L de Jager, Richard Mayeux, Ismael Santa-Maria, Christiane Reitz

[Sex differences in variability of brain structure across the lifespan](#)

Published June 2, 2020

Natalie J Forde, Jerrold Jeyachandra, Michael Joseph, Grace R Jacobs, **Erin Dickie**, Theodore D Satterthwaite, Russell T Shinohara, Stephanie H Ameis, Aristotle N Voineskos

[Activity-dependent myelination: A glial mechanism of oscillatory self-organization in large-scale brain networks](#)

Published June 1, 2020

Rabiya Noori, Daniel Park, **John D Griffiths**, Sonya Bells, Paul W Frankland, Donald Mabbott, Jeremie Lefebvre

[Understanding the impact of preprocessing pipelines on neuroimaging cortical surface analyses](#)

Published May 26, 2020

Nikhil Bhagwat, Amadou Barry, **Erin W Dickie**, Shawn T Brown, Gabriel A Devenyi, Koji Hatano, Elizabeth DuPre, Alain Dagher, M Mallar Chakravarty, Celia MT Greenwood, Bratislav Misic, David N Kennedy, Jean-Baptiste Poline

[Variability in the analysis of a single neuroimaging dataset by many teams](#)

Published May 20, 2020

Rotem Botvinik-Nezer, Felix Holzmeister, Colin F Camerer, Anna Dreber, Juergen Huber, Magnus Johannesson, Michael Kirchler, Roni Iwanir, Jeanette A Mumford, R Alison Adcock, Paolo Avesani, Blazej M Baczkowski, Aahana Bajracharya, Leah Bakst, Sheryl Ball, Marco Barilari, Nadège Bault, Derek Beaton, Julia Beitner, Roland G Benoit, Ruud MWJ Berkers, Jamil P Bhanji, Bharat B Biswal, Sebastian Bobadilla-Suarez, Tiago Bortolini, Katherine L Bottenhorn, Alexander Bowring, Senne Braem, Hayley R Brooks, Emily G Brudner, Cristian B Calderon, Julia A Camilleri, Jaime J Castellon, Luca Cecchetti, Edna C Cieslik, Zachary J Cole, Olivier Collignon, Robert W Cox, William A Cunningham, Stefan Czoschke, Kamalaker Dadi, Charles P Davis, Alberto De Luca, Mauricio R Delgado, Lysia Demetriou, Jeffrey B Dennison, Xin Di, **Erin W Dickie**, Ekaterina Dobryakova, Claire L Donnat, Juergen Dukart, Niall W Duncan, Joke Durnez, Amr Eed, Simon B Eickhoff, Andrew Erhart, Laura Fontanesi, G Matthew Fricke, Shiguang Fu, Adriana Galván, Remi Gau, Sarah Genon, Tristan Glatard, Enrico Glerean, Jelle J Goeman, Sergej AE Golowin, Carlos González-García, Krzysztof J Gorgolewski, Cheryl L Grady, Mikella A Green, João F Guassi Moreira, Olivia Guest, Shabnam Hakimi, J Paul Hamilton, Roeland Hancock, Giacomo Handjaras, Bronson B Harry, Colin Hawco, Peer Herholz, Gabrielle Herman, Stephan Heunis, Felix Hoffstaedter, Jeremy Hogeveen, Susan Holmes, Chuan-Peng Hu, Scott A Huettel, Matthew E Hughes, Vittorio Iacovella, Alexandru D Iordan, Peder M Isager, Ayse I Isik, Andrew Jahn, Matthew R Johnson, Tom Johnstone, Michael JE Joseph, Anthony C Juliano, Joseph W Kable, Michalis Kassinopoulos, Cemal Koba, Xiang-Zhen Kong, Timothy R Kosciak, Nuri Erkut Kucukboyaci, Brice A Kuhl, Sebastian Kupek, Angela R Laird, Claus Lamm, Robert Langner, Nina Lauharatanahirun, Hongmi Lee, Sangil Lee, Alexander Leemans, Andrea Leo, Elise Lesage, Flora Li, Monica YC Li, Phui Cheng Lim, Evan N Lintz, Schuyler W Liphardt, Annabel B Losecaat Vermeer, Bradley C Love, Michael L Mack, Norberto Malpica, Theo Marins, Camille Maumet, Kelsey McDonald, Joseph T McGuire, Helena Melero, Adriana S Méndez Leal, Benjamin Meyer, Kristin N Meyer, Glad Mihai, Georgios D Mitsis, Jorge Moll, Dylan M Nielson, Gustav Nilsson, Michael P Notter, Emanuele Olivetti, Adrian I Onicas, Paolo Papale, Kaustubh R Patil, Jonathan E Peelle, Alexandre Pérez, Doris Pischetta, Jean-Baptiste Poline, Yanina Prystauka, Shruti Ray, Patricia A Reuter-Lorenz, Richard C Reynolds, Emiliano Ricciardi, Jenny R Rieck

[The spatial and cell-type distribution of SARS-CoV-2 receptor ACE2 in human and mouse brain](#)

Published May 19, 2020

Rongrong Chen, Jie Yu, Keer Wang, Derek Howard, **Leon French**, Zhong Chen, Chengping Wen, Zhenghao Xu

[Frontal-executive and corticolimbic structural brain circuitry in older people with remitted depression, mild cognitive impairment, Alzheimer's dementia, and normal cognition](#)

Published May 18, 2020

Neda Rashidi-Ranjbar, Tarek K Rajji, Sanjeev Kumar, Nathan Herrmann, Linda Mah, Alastair J Flint, Corrine E Fischer, Meryl A Butters, Bruce G Pollock, **Erin W Dickie**, John AE Anderson, Benoit H Mulsant, Aristotle N Voineskos

[S119. A DIMENSIONAL APPROACH TO UNDERSTANDING COST-BENEFIT DECISION-MAKING IN SCHIZOPHRENIA AND DEPRESSION](#)

Published May 18, 2020

Sarah Saperia, **Daniel Felsky**, Susana Da Silva, Ishraq Siddiqui, Zafiris Daskalakis, Aristotle Voineskos, Neil Rector, Gary Remington, Konstantine Zakzanis, George Foussias

[Transfer Learning for Risk Classification of Social Media Posts: Model Evaluation Study](#)

Published May 13, 2020

Howard D, Maslej M, Lee J, Ritchie J, Woollard Ge, **French L.**

[Subcortical Volume Trajectories across the Lifespan: Data from 18,605 healthy individuals aged 3-90 years](#)

Published May 7, 2020

Danai Dima, Efstathios Papachristou, Amirhossein Modabbernia, Gaëlle E Doucet, Ingrid Agartz, Moji Aghajani, Theophilus N Akudjedu, Anton Albajes-Eizaguirre, Dag Alnæs, Kathryn I Alpert, Micael Andersson, Nancy Andreasen, Ole A Andreassen, Philip Asherson, Tobias Banaschewski, Nuria Bargallo, Sarah Baumeister, Ramona Baur-Streubel, Alessandro Bertolino, Aurora Bonvino, Dorret I Boomsma, Stefan Borgwardt, Josiane Bourque, Daniel Brandeis, Alan Breier, Henry Brodaty, Rachel M Brouwer, Jan K Buitelaar, Geraldo F Busatto, Randy L Buckner, Vincent Calhoun, Erick J Canales-Rodríguez, Dara M Cannon, Xavier Caseras, Francisco X Castellanos, Simon Cervenka, Tiffany M Chaim-Avancini, Christopher RK Ching, Vincent P Clark, Patricia Conrod, Annette Conzelmann, Benedicto Crespo-Facorro, Fabrice Crivello, Eveline AM Crone, Anders M Dale, Christopher Davey, Eco JC de Geus, Lieuwe de Haan, Greig I de Zubicaray, Anouk den Braber, **Erin W Dickie**, Annabella Di Giorgio, Nhat Trung Doan, Erlend S Dørum, Stefan Ehrlich, Susanne Erk, Thomas Espeseth, Helena Fatouros-Bergman, Simon E Fisher, Jean-Paul Fouché, Barbara Franke, Thomas Frodl, Paola Fuentes-Claramonte, David C Glahn, Ian H Gotlib, Hans-Jörgen Grabe, Oliver Grimm, Nynke A Groenewold, Dominik Grotegerd, Oliver Gruber, Patricia Gruner, Rachel E Gur, Ruben C Gur, Ben J Harrison, Catharine A Hartman, Sean N Hatton, Andreas Heinz, Dirk J Heslenfeld, Derrek P Hibar, Ian B Hickie, Beng-Choon Ho, Pieter J Hoekstra, Sarah Hohmann, Avram J Holmes, Martine Hoogman, Norbert Hosten, Fleur M Howells, Hilleke E Hulshoff Pol, Chaim Huyser, Neda Jahanshad, Anthony James, Jiyang Jiang, Erik G Jönsson, John A Joska, Rene Kahn, Andrew Kalnin, Ryota Kanai, Sim Kang, Marieke Klein, Tatyana P Klushnik, Laura Koenders, Sanne Koops, Bernd Krämer, Jonna Kuntsi, Jim Lagopoulos, Luisa Lázaro, Irina Lebedeva, Won Hee Lee, Klaus-Peter Lesch, Christine Lochner, Marise WJ Machielsen, Sophie Maingault, Nicholas G Martin, Ignacio Martínez-Zalacain, David Mataix-Cols, Bernard Mazoyer, Colm McDonald, Brenna C McDonald, Andrew M McIntosh, Katie L McMahon, Genevieve McPhilemy, José M Menchón, Sarah E Medland, Andreas Meyer-Lindenberg, Jilly Naaijen, Pablo Najt, Tomohiro Nakao, Jan E Nordvik, Lars Nyberg, Jaap Oosterlaan, Víctor Ortiz-García de la Foz, Yannis Paloyelis, Paul Pauli, Giulio Pergola, Edith Pomarol-Clotet, María J Portella, Steven G Potkin, Joaquim Radua, Andreas Reif, Joshua L Roffman, Pedro GP Rosa, Matthew D Sacchet, Perinder S Sachdev, Raymond Salvador, Pascual Sánchez-Juan, Salvador Sarró, Theodore D Satterthwaite, Andrew J Saykin, Mauricio H Serpa, Lianne Schmaal

**[Cortical Thickness Trajectories across the Lifespan: Data from 17,075 healthy individuals aged 3-90 years](#)**

Published May 7, 2020

Sophia Frangou, Amirhossein Modabbernia, Gaelle E Doucet, Efsthathios Papachristou, Steven CR Williams, Ingrid Agartz, Moji Aghajani, Theophilus N Akudjedu, Anton Albajes-Eizaguirre, Dag Alnæs, Kathryn I Alpert, Micael Andersson, Nancy Andreasen, Ole A Andreassen, Philip Asherson, Tobias Banaschewski, Nuria Bargallo, Sarah Baumeister, Ramona Baur-Streubel, Alessandro Bertolino, Aurora Bonvino, Dorret I Boomsma, Stefan Borgwardt, Josiane Bourque, Daniel Brandeis, Alan Breier, Henry Brodaty, Rachel M Brouwer, Jan K Buitelaar, Geraldo F Busatto, Randy L Buckner, Vincent Calhoun, Erick J Canales-Rodríguez, Dara M Cannon, Xavier Caseras, Francisco X Castellanos, Simon Cervenka, Tiffany M Chaim-Avancini, Christopher RK Ching, Vincent P Clark, Patricia Conrod, Annette Conzelmann, Benedicto Crespo-Facorro, Fabrice Crivello, Eveline AM Crone, Anders M Dale, Christopher Davey, Eco JC de Geus, Lieuwe de Haan, Greig I de Zubicaray, Anouk den Braber, **Erin W Dickie**, Annabella Di Giorgio, Nhat Trung Doan, Erlend S Dørum, Stefan Ehrlich, Susanne Erk, Thomas Espeseth, Helena Fatouros-Bergman, Simon E Fisher, Jean-Paul Fouché, Barbara Franke, Thomas Frodl, Paola Fuentes-Claramonte, David C Glahn, Ian H Gotlib, Hans-Jürgen Grabe, Oliver Grimm, Nynke A Groenewold, Dominik Grotegerd, Oliver Gruber, Patricia Gruner, Rachel E Gur, Ruben C Gur, Ben J Harrison, Catharine A Hartman, Sean N Hatton, Andreas Heinz, Dirk J Heslenfeld, Derrek P Hibar, Ian B Hickie, Beng-Choon Ho, Pieter J Hoekstra, Sarah Hohmann, Avram J Holmes, Martine Hoogman, Norbert Hosten, Fleur M Howells, Hilleke E Hulshoff Pol, Chaim Huyser, Neda Jahanshad, Anthony James, Jiyang Jiang, Erik J Jönsson, John A Joska, Rene Kahn, Andrew Kalnin, Ryota Kanai, Sim Kang, Marieke Klein, Tatyana P Klushnik, Laura Koenders, Sanne Koops, Bernd Krämer, Jonna Kuntsi, Jim Lagopoulos, Luisa Lázaro, Irina Lebedeva, Won Hee Lee, Klaus-Peter Lesch, Christine Lochner, Marise WJ Machielsen, Sophie Maingault, Nicholas G Martin, Ignacio Martínez-Zalacain, David Mataix-Cols, Bernard Mazoyer, Colm McDonald, Brenna C McDonald, Andrew M McIntosh, Katie L McMahon, Genevieve McPhilemy, José M Menchón, Sarah E Medland, Andreas Meyer-Lindenberg, Jilly Naaijen, Pablo Najt, Tomohiro Nakao, Jan E Nordvik, Lars Nyberg, Jaap Oosterlaan, Víctor Ortiz-García de la Foz, Yannis Paloyelis, Paul Pauli, Giulio Pergola, Edith Pomarol-Clotet, Maria J Portella, Steven G Potkin, Joaquim Radua, Andreas Reif, Joshua L Roffman, Pedro GP Rosa, Matthew D Sacchet, Perminder S Sachdev, Raymond Salvador, Pascual Sánchez-Juan, Salvador Sarró, Theodore D Satterthwaite, Andrew J Saykin, Mauricio H Serpa

**[Donor specific transcriptomic analysis of Alzheimer's disease associated hypometabolism highlights a unique donor, microglia, and ribosomal proteins](#)**

Published May 3, 2020

Sejal Patel, Derek Howard, Alana Man, Deborah Schwartz, Joelle Jee, **Daniel Felsky**, Zdenka Pausova, Tomas Paus, **Leon French**

**[Single-Cell Genomic Strategies to Understand Psychopathological Processes in Depression and Suicide](#)**

Published May 1, 2020

Corina Nagy, Malosree Maitra, Arnaud Tanti, Matthew Suderman, Jean-Francois Thérout, **Shreejoy Tripathy**, Paul Pavlidis, Naguib Mechawar, Gustavo Turecki

**[Single-nucleus transcriptomics of the prefrontal cortex in major depressive disorder implicates oligodendrocyte precursor cells and excitatory neurons](#)**

Published April 27, 2020

Corina Nagy, Malosree Maitra, Arnaud Tanti, Matthew Suderman, Jean-Francois Thérout, Maria Antonietta Davoli, Kelly Perlman, Volodymyr Yerko, Yu Chang Wang, **Shreejoy J Tripathy**, Paul Pavlidis, Naguib Mechawar, Giannis Ragoussis, Gustavo Turecki

**[Bayesian modelling captures inter-individual differences in social belief computations in the putamen and insula](#)**

Published April 25, 2020

Lara Henco, Marie-Luise Brandi, Juha M Lahnakoski, **Andreea O Diaconescu**, Christoph Mathys, Leonhard Schilbach

**[Cellular correlates of cortical thinning throughout the lifespan](#)**

Published April 21, 2020

Didac Vidal-Pineiro, Nadine Parker, Jean Shin, Leon French, Hakon Grydeland, Andrea Parolin Jackowski, Athanasia Monica Mowinckel, Yash Patel, Zdenka Pausova, Giovanni Salum, Oystein Sorensen, Kristine Beate Walhovd, Tomas Paus, Anders Martin Fjell

**[Greater male than female variability in regional brain structure across the lifespan](#)**

Published April 1, 2020

Lara M Wierenga, Gaelle E Doucet, Danai Dima, Ingrid Agartz, Moji Aghajani, Theophilus N Akudjedu, Anton Albajes-Eizaguirre, Dag Alnaes, Kathryn I Alpert, Ole A Andreassen, Alan Anticevic, Philip Asherson, Tobias Banaschewski, Nuria Bargallo, Sarah Baumeister, Ramona Baur-Streubel, Alessandro Bertolino, Aurora Bonvino, Dorret I Boomsma, Stefan Borgwardt, Josiane Bourque, Anouk Den Braber, Daniel Brandeis, Alan Breier, Henry Brodaty, Rachel M Brouwer, Jan K Buitelaar, Geraldo F Busatto, Vince D Calhoun, Erick J Canales-Rodríguez, Dara Cannon, Xavier Caseras, Tiffany Chaim-Avancini, Francisco X Castellanos, Tiffany M Chaim-Avancini, Christopher RK Ching, Vincent P Clark, Patricia J Conrod, Annette Conzelmann, Fabrice Crivello, Christopher G Davey, **Erin W Dickie**, Stefan Ehrlich, Dennis Van't Ent, Simon E Fisher, Jean-Paul Fouché, Barbara Franke, Paola Fuentes-Claramonte, Eco Jc De Geus, Annabella Di Giorgio, David C Glahn, Ian H Gotlib, Hans J Grabe, Oliver Gruber, Patricia Gruner, Raquel E Gur, Ruben C Gur, Tiril P Gurholt, Lieuwe De Haan, Beate Haatveit, Ben J Harrison, Catharina A Hartman, Sean N Hatton, Dirk J Heslenfeld, Odile A Van Den Heuvel, Ian B Hickie, Pieter J Hoekstra, Sarah Hohmann, Avram J Holmes, Martine Hoogman, Norbert Hosten, Fleur M Howells, Hilleke E Hulshoff Pol, Chaim Huyser, Neda Jahanshad, Anthony C James, Jiyang Jiang, Erik G Jonsson, John A Joska, Andrew J Kalnin, Marieke Klein, Laura Koenders, Knut K Koltskar, Bernd Kramer, Jonna Kuntsi, Jim Lagopoulos, Luisa Lazaro, Irina S Lebedeva, Phil H Lee, Christine Lochner, Marise WJ Machielsen, Sophie Maingault, Nicholas G Martin, Ignacio Martínez-Zalacain, David Mataix-Cols, Bernard Mazoyer, Brenna C McDonald, Colm McDonald, Andrew M McIntosh, Katie L McMahon, Genevieve McPhilemy, Dennis Van Der Meer, Jose M Menchon, Jilly Naaijen, Lars Nyberg, Jaap Oosterlaan, Yannis Paloyelis, Paul Pauli, Giulio Pergola, Edith Pomarol-Clotet, Maria J Portella, Joaquim Radua, Andreas Reif, Genevieve Richard, Joshua L Roffman, Pedro GP Rosa, Matthew D Sacchet, Perminder S Sachdev, Raymond Salvador, Salvador Sarro, Theodore D Satterthwaite, Andrew J Saykin, Mauricio H Serpa, Kang Sim, Andrew Simmons, Jordan W Smoller, Iris E Sommer, Carles Soriano-Mas, Dan J Stein, Lachlan T Strike, Philip R Szeszko, Henk S Temmingh, Sophia I Thomopoulos, Alexander S Tomyshev, Julian N Trollor, Anne Uhlmann, Ilya M Veer, Dick J Veltman, Aristotle Voineskos, Henry Volzke, Henrik Walter, Lei Wang, Yang Wang, Bernd Weber, Wei Wen, John D West, Lars T Westlye, Heather C Whalley, Steven CR Williams, Katharina Wittfeld

**[Differential and spatial expression meta-analysis of genes identified in genome-wide association studies of depression](#)**

Published March 29, 2020

Wennie Wu, Derek Howard, Etienne Sibille, Leon French

**[Atypical processing of uncertainty in individuals at risk for psychosis](#)**

Published March 7, 2020

David M Cole, **Andreea O Diaconescu**, Ulrich J Pfeiffer, Kay H Brodersen, Christoph D Mathys, Dominika Julkowski, Stephan Ruhrmann, Leonhard Schilbach, Marc Tittgemeyer, Kai Vogeley, Klaas E Stephan

**[Moving Beyond the Mean: Subgroups and dimensions of brain activity and cognitive performance across domains](#)**

Published March 3, 2020

Colin S Hawco, Erin W Dickie, Grace Jacobs, Zafiris J Daskalakis, Aristotle N Voineskos

**[Modeling the influence of the hippocampal memory system on the oculomotor system](#)**

Published March 2, 2020

Jennifer D Ryan, Kelly Shen, Arber Kacollja, Heather Tian, **John Griffiths**, Gleb Bezgin, Anthony R McIntosh

**[Structural brain networks in remitted psychotic depression.](#)**

Published February 27, 2020

Nicholas H Neufeld, Antonia N Kaczurkin, Aristeidis Sotiras, Benoit H Mulsant, **Erin W Dickie**, Alastair J Flint, Barnett S Meyers, George S Alexopoulos, Anthony J Rothschild, Ellen M Whyte, Linda Mah, Jay Nierenberg, Matthew J Hoptman, Christos Davatzikos, Theodore D Satterthwaite, Aristotle N Voineskos

**[Effects of Antipsychotic Medication on Brain Structure in Patients With Major Depressive Disorder and Psychotic Features: Neuroimaging Findings in the Context of a Randomized ...](#)**

Published February 26, 2020

Aristotle N Voineskos, Benoit H Mulsant, **Erin W Dickie**, Nicholas H Neufeld, Anthony J Rothschild, Ellen M Whyte, Barnett S Meyers, George S Alexopoulos, Matthew J Hoptman, Jason P Lerch, Alastair J Flint

**[Integration of Brain and Behavior Measures for Identification of Data-Driven Groups Cutting Across Children with ASD, ADHD, or OCD](#)**

Published February 12, 2020

Grace R Jacobs, Aristotle N Voineskos, Colin Hawco, Laura Stefanik, Natalie J Forde, **Erin Dickie**, Meng-Chuan Lai, Peter Szatmari, Russell James Schachar, Jennifer Crosbie, Paul Arnold, Anna Goldenberg, Lauren Erdman, Jason Lerch, Evdokia Anagnostou, Stephanie H Ameis

**[GABA-mediated tonic inhibition differentially modulates gain in functional subtypes of cortical interneurons](#)**

Published February 11, 2020

Alexander Bryson, Robert John Hatch, Bas-Jan Zandt, Christian Rossert, Samuel F Berkovic, Christopher A Reid, David B Grayden, **Sean L Hill**, Steven Petrou

**[Social Bayes: Using Bayesian Modeling to Study Autistic Trait-Related Differences in Social Cognition](#)**

Published January 15 2020

Meltem Sevgi, **Andreea O Diaconescu**, Lara Henco, Marc Tittgemeyer, Leonhard Schilbach

**[Catecholaminergic modulation of meta-learning](#)**

Published December 18, 2019

Jennifer L Cook, Jennifer C Swart, Monja I Froböse, **Andreea O Diaconescu**, Dirk EM Geurts, Hanneke EM Den Ouden, Roshan Cools

**[An overlapping pattern of cerebral cortical thinning is associated with both positive symptoms and aggression in schizophrenia via the ENIGMA consortium](#)**

Published October 16, 2019

Ting Yat Wong, Joaquim Radua, Edith Pomarol-Clotet, Raymond Salvador, Anton Albajes-Eizagirre, Aleix Solanes, Erick J Canales-Rodriguez, Amalia Guerrero-Pedraza, Salvador Sarro, Tilo Kircher, Igor Nenadic, Axel Krug, Dominik Grotegerd, Udo Dannlowski, Stefan Borgwardt, Anita Riecher-Rössler, Andre Schmidt, Christina Andreou, Christian G Huber, Jessica Turner, Vince Calhoun, Wenhao Jiang, Sarah Clark, Esther Walton, Gianfranco Spalletta, Nerisa Banaj, Fabrizio Piras, Valentina Ciullo, Daniela Vecchio, Irina Lebedeva, Alexander S Tomyshev, Vasily Kaleda, Tatyana Klushnik, Geraldo Busatto Filho, Marcus Vinicius Zanetti, Mauricio Henriques Serpa, Pedro Gomes Penteado Rosa, Ryota Hashimoto, Masaki Fukunaga, Anja Richter, Bernd Krämer, Oliver Gruber, Aristotle N Voineskos, **Erin W Dickie**, David Tomecek, Antonin Skoch, Filip Spaniel, Cyril Hoschl, Alessandro Bertolino, Aurora Bonvino, Annabella Di Giorgio, Laurena Holleran, Simone Ciufolini, Tiago Reis Marques, Paola Dazzan, Robin Murray, Jelle Lamsma, Wiepke Cahn, Neeltje Van Haren, Ana M Díaz-Zuluaga, Julián A Pineda-Zapata, Cristian Vargas, Carlos López-Jaramillo, Theo GM Van Erp, Ruben C Gur, Thomas Nickl-Jockschat

**["Social Bayes: Using Bayesian modeling to study autistic trait-related differences in social cognition": Retraction.](#)**

Published October 15, 2019

Meltem Sevgi, **Andreea O Diaconescu**, Marc Tittgemeyer, Leonhard Schilbach

**[White matter microstructure in women with acute and remitted anorexia nervosa: an exploratory neuroimaging study](#)**

Published October 11, 2019

Amy E Miles, Allan S Kaplan, **Leon French**, Aristotle N Voineskos

**[Inflexible social inference in individuals with subclinical persecutory delusional tendencies](#)**

Published September 5, 2019

Katharina V Wellstein, **Andreea Oliviana Diaconescu**, Martin Bischof, Annia Rüesch, Gina Paolini, Eduardo A Aponte, Johannes Ullrich, Klaas Enno Stephan

**[Using transcriptomic hidden variables to infer context-specific genotype effects in the brain](#)**

Published September 5, 2019

Bernard Ng, William Casazza, Ellis Patrick, Shinya Tasaki, Gherman Novakovsky, **Daniel Felsky**, Yiyi Ma, David A Bennett, Chris Gaiteri, Philip L De Jager, Sara Mostafavi

**[Ptchd1 exon3 truncating mutations recapitulate more clinically relevant autistic-like traits in mice](#)**

Published September 1, 2019

Sang-Yoon Ko, Jonathan Epp, Kirti Mittal, Taimoor Sheikh, Violet Ha, Bryan Degagne, Anna Mikhailov, **Leon French**, Sheena A Josselyn, John B Vincent, Paul Frankland

**[Sag currents are a major contributor to human pyramidal cell intrinsic differences across cortical layers and between individuals](#)**

Published August 28, 2019

L Wang, S Rich, L Zhang, PL Carlen, **SJ Tripathy**, TA Valiante

[Orientation processing by synaptic integration across first-order tactile neurons](#)

Published August 9, 2019

**Hay E**, Pruszyński JA.

[Corticosteroids and regional variations in thickness of the human cerebral cortex across the lifespan](#)

Published June 26, 2019

Nadine Parker, Didac Vidal-Pineiro, **Leon French**, Jean Shin, Hieab HH Adams, Henry Brodaty, Simon R Cox, Ian J Deary, Anders M Fjell, Stefan Frenzel, Hans Grabe, Norbert Hosten, Mohammad Arfan Ikram, Jiyang Jiang, Maria J Knol, Bernard Mazoyer, Aniket Mishra, Perminder S Sachdev, Giovanni Salum, Claudia L Satizabal, Helena Schmidt, Reinhold Schmidt, Sudha Seshadri, Gunter Schumann, Henry Völzke, Kristine B Walhovd, Wei Wen, Katharina Wittfeld, Qiong Yang, Stephanie Dobbie, Zdenka Pausova, Tomáš Paus

[Models of persecutory delusions: a mechanistic insight into the early stages of psychosis](#)

Published May 10, 2019

**Diaconescu A**, Hauke D, Borgwardt S

[A resting state fMRI analysis pipeline for pooling inference across diverse cohorts: an ENIGMA rs-fMRI protocol](#)

Published September 6, 2018

Bhim M Adhikari, Neda Jahanshad, Dinesh Shukla, Jessica Turner, Dominik Grotegerd, Udo Dannlowski, Harald Kugel, Jennifer Engelen, Bruno Dietsche, Axel Krug, Tilo Kircher, Els Fieremans, Jelle Veraart, Dmitry S Novikov, Premika SW Boedhoe, Ysbrand D van der Werf, Odile A van den Heuvel, Jonathan Ipser, Anne Uhlmann, Dan J Stein, **Erin Dickie**, Aristotle N Voineskos, Anil K Malhotra, Fabrizio Pizzagalli, Vince D Calhoun, Lea Waller, Ilya M Veer, Hernik Walter, Robert W Buchanan, David C Glahn, L Elliot Hong, Paul M Thompson, Peter Kochunov