

CURRICULUM VITAE – DR BINNAZ YALCIN
(Last updated December 2021)

PERSONAL INFORMATION

First/last name **Binnaz YALCIN**
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Contact INSERM Unit 1231
15 boulevard Maréchal De Lattre de Tassigny 21070 Dijon, France
Phone +33 (0)3 80 39 66 60
Date of birth 20th July 1977
Nationality French-Turkish
Marital Status Married, 3 children

EDUCATION

2014 **Accreditation to Direct Research (HDR)**
University of Strasbourg, France
Title: “*Genetics of brain disorders using mouse models*”
2007 **Doctor of Philosophy (D.Phil)**
University of Oxford, Exeter College, United Kingdom
Title: “*Quantitative Trait Locus mapping in animal models*”
2001 **Bachelor of Science** (with Honors)
Nottingham Trent University, United Kingdom
2000 **Two-year Diploma** (Informatics)
University of Clermont-Ferrand, France
1998 **Two-year Diploma** (Biology)
University of Clermont-Ferrand, France

CURRENT POSITION

2019-present **Tenured Assistant Professor** INSERM researcher
University of Bourgogne Franche-Comté, France

PREVIOUS RESEARCH POSITIONS

2016-2019 **Junior Group Leader**
Institute of Genetics and Molecular and Cellular Biology, Strasbourg, France
2013-2016 **SNSF Ambizione Fellow**
Center for Integrative Genomics, Lausanne, Switzerland
2011-2013 **EMBO Postdoctoral Fellow**
Center of Integrative Genomics, Lausanne, Switzerland
2007-2011 **Wellcome Trust Research Fellow**
Wellcome Center for Human Genetics, Oxford, United Kingdom

SELECTED FELLOWSHIPS, AWARDS AND APPOINTMENTS

2021 MRT Award for PhD Fellowship (A. Telaidji), University of Bourgogne
2020 MRT Award for PhD Fellowship (V. Panasenkava), ranked first (not taken up)
University of Bourgogne Franche-Comté, France
2020 European Research Council ERC-StG - ranked A (not funded)
2019-2021 European Commission Solve-RD - first seeding grant award
2019 INSERM permanent researcher position in Genetics (ranked first)
2019 INSERM permanent position in Neurosciences (classed sixth, not taken up)
2019 Mary Lyon Award for an early-stage independent female researcher
2018-2021 ANR Young Researcher Laureate, University of Strasbourg, France
2016-2019 Chair of Excellence Award, University of Strasbourg, France
2016 Gutenberg Prize, University of Strasbourg, France

2015	Tremplin Award for female researchers, University of Lausanne
2014	Rector's Conference of the Swiss Universities Travel Award, Switzerland
2013	Korner Travelling Fellowship Fund, University of Sussex, United Kingdom
2013-2016	SNSF Ambizione Fellowship, University of Lausanne, Switzerland
2011-2014	ANR Postdoctoral Researcher Laureate, University of Strasbourg
2011-2013	EMBO Long-Term Postdoctoral Fellowship, University of Lausanne
2008-2011	Wellcome Trust Postdoctoral Fellowship, University of Oxford, UK
2008	Academic Merit Award, University of Oxford, United Kingdom
2002-2007	Wellcome Prize D.Phil Studentship Award, University of Oxford, UK

CURRENT GRANTS

2021-2023	European Regional Development Fund, Equipment (HREM), 63K EUR
2020-2022	European Regional Development Fund, Equipment (MEA), 91K EUR
2020-2021	INSERM International Research Project, 10K EUR
2020-2021	INFRAFRONTIER biomedical infrastructure grant, 20K EUR
2020-2022	Jérôme Lejeune Foundation grant, 24K EUR
2019-2021	Solve-RD seeding grant for model organism investigator, 20K EUR
2019-2021	INSERM start-up grant (ranked first), 44K EUR
2019-2021	GAD Laboratory start-up grant, 100K EUR
2018-2021	ANR JCJC project grant, 250K EUR

PREVIOUS GRANTS (total raised > 2.5 million EUR; funds < 5K EUR not listed)

2017-2019	INFRAFRONTIER biomedical infrastructure grant, 60K EUR
2016-2019	Chair of Excellence, ANR LABEX-INRT start-up, 560K EUR
2015-2017	Regional GUTENBERG project grant, 50K EUR
2015-2017	Regional GUTENBERG installation grant, 10K EUR
2015-2016	Strasbourg University IDEX Equipment grant, 29K EUR
2015-2016	University of Lausanne Equal Opportunities grant, 25K CHF
2014-2015	Société Académique Vaudoise, Equipment grant, 10K CHF
2013-2016	Swiss National Science Foundation Ambizione start-up grant, 600K CHF
2012-2014	Jérôme Lejeune Foundation grant, 15K EUR
2011-2014	Agence Nationale de la Recherche (ANR) project grant, 505K EUR
2011-2013	EMBO Long-Term Fellowship, 150K CHF
2009-2012	Wellcome Trust project grant, 438K GBP
2001-2005	Wellcome Prize PhD Studentship, 90K GBP

CONSORTIA AND SCIENTIFIC SOCIETES

2020-2021	Nomination as President for the <i>IMGS</i>
2019-present	Ambassador, eLIFE Early Career Researchers Community
2018-present	Co-director " <i>International Research Consortium for the Corpus Callosum</i> "
2015-2019	Member " <i>IMGS - International Mammalian Genome Society</i> "
2011-2015	Member " <i>International Knockout Mouse Consortium</i> "
2007-2011	Member " <i>Collaborative Cross Consortium</i> "

COLLABORATIONS

2019-present	Prof A. Crosby, University of Exeter Medical School, United Kingdom
2019-present	Prof P. Agrawal, Boston Children's Hospital, United States
2019-present	Dr F. Prin, The Francis Crick Institute, United Kingdom
2019-present	Prof R. Sedlacek, BIOCEV/IMG, Prague, Czech Republic
2019-present	Prof S. Murray, JAX Laboratory, Bar Harbor, United States
2018-present	Dr F. Francis, University of Sorbonne, Paris, France
2018-present	Prof E. Sherr, University of California San Francisco, United States
2017-present	Prof C. Depienne (Institut für Humangenetik, Essen, Germany)

2017-present	Prof C. Tyler-Smith, Wellcome Sanger Institute, Hinxton, United Kingdom
2017-present	Prof M. Hurles, Wellcome Sanger Institute, Hinxton, United Kingdom
2016-present	Prof C. Webber, Dementia Research Institute, Cardiff, United Kingdom
2016-present	Prof J. Chelly, IGBMC, Strasbourg, France
2016-present	Dr J. Godin, IGBMC, Strasbourg, France
2012-present	Dr Y. Héroult, Mouse Clinical Institute, Strasbourg, France
2012-present	Prof A. Reymond, Center for Integrative Genomics, Switzerland
2011-present	Prof D. Adams, Wellcome Sanger Institute, Hinxton, United Kingdom

SELECTED TOP 5 PUBLICATIONS (full list see page 9)

- 2019 Collins SC, Mikhaleva A, Vrcelj K, Vancollie VE, Wagner C, Demeure N, Whitley H, Kannan M, Balz R, Anthony LFE, Edwards A, Moine H, White JK, Adams DJ, Reymond A, Lelliott CJ, Webber C and **Yalcin B**. Large-scale neuroanatomical study uncovers 198 gene associations in mouse brain morphogenesis. **Nature Communications**.
This is the second main article from my laboratory, providing the largest study of mouse neuroanatomical phenotype genes and pathways to date and a wealth of new knowledge on the genetics of brain morphogenesis. It was selected as a featured article by the editors.
- 2017 Kannan M, Bayam E, Wagner C, Rinaldi B, Kretz PF, Tilly P, Roos M, McGillewie L, Bär S, Minocha S, Chevalier C, Po C, Chelly J, Mandel JL, Borgatti R, Piton A, Kinnear C, Loos B, Adams DJ, Héroult Y, Collins SC, Friant S, Godin JD and **Yalcin B**. WD40-repeat 47, a microtubule-associated protein, is essential for brain development and autophagy. **PNAS**.
This is the first article from my laboratory that has demonstrated through this publication that it is equally capable of conducting original functional research.
- 2013 Simon M, Greenaway S, White J, Fuchs H, Gailus-Durner V, Sorg T, Wong W, Bedu E, Cartwright E, Dacquin R, Djebali S, Estabel J, Graw J, Ingham N, Jackson I, Lengeling A, Mandillo S, Marvel J, Meziane H, Preitner F, Puk O, Roux M, Adams D, Atkins S, Ayadi A, Becker L, Blake A, Brooker D, Cater H, Champy MF, Combe R, Danecsek P, di Fenza A, Gates H, Gerdin AK, Golini E, Hancock J, Hans W, Hölter S, Hough T, Jurdic P, Keane T, Morgan H, Müller W, Neff F, Nicholson G, Pasche B, Roberson LA, Rozman J, Sanderson M, Santos L, Selloum M, Shannon C, Southwell, Tocchini-Valentini A, Vancollie V, Wells S, Westerberg H, Wurst W, Zi M, **Yalcin B***, Ramirez-Solis R*, Steel K*, Mallon AM*, Hrabé de Angelis M*, Héroult Y*, Brown S*. *Senior author.
A comparative phenotypic and genomic analysis of C57BL/6J and C57BL/6N mouse strains. **Genome Biology**.
This is my first article as an independent researcher where I directed the genomic analysis of the study. It required considerable organization and management, and implied the day-to-day supervision of several members of the group.
- 2011 **Yalcin B**, Wong K, Agam A, Goodson M, Keane T, Gan X, Nellåker C, Goodstadt L, Nicod J, Bhomra A, Whitley H, Cleak J, Dutton R, Mott R, Adams D, Flint J. Sequence based characterization of structural variation in the mouse genome. **Nature**.
This article features one of my postdoctoral projects, aiming at studying the genome architecture in the mouse. I was one of the key members of this international project for which I produced several publications, including an accompanying paper in Nature (Keane *et al.* 2011), cited more than 1000 times.
- 2004 **Yalcin B**, Willis-Owen SA, Fullerton J, Meesaq A, Deacon RM, Rawlins JNP, Copley RR, Morris AP, Flint J, Mott R. Genetic dissection of a behavioural quantitative trait locus shows that *Rgs2* modulates anxiety in mice. **Nature Genetics**.
This article describes part of my PhD work. It was the first time that a quantitative trait gene was identified in behavioural genetics. My contribution was central, at an intellectual as well as technical level.

NEUROGEMM RESEARCH GROUP – CURRENT SUPERVISION ACTIVITIES

2021-2022	C. Alibert, Engineer
2021-2023	S. Nguyen, EPHE student
2019-2022	C. Montillot, PhD student
2016-present	S. Collins, Senior scientist

PREVIOUS SUPERVISION ACTIVITIES

	Postdoctoral fellow
2017-2018	E. Bayam, IGBMC, Strasbourg, France (in collaboration with Dr J. Godin)
	Graduated PhD students
2016-2021	P. Kretz, University of Strasbourg, France (10/03/2021)
2012-2016	M. Kannan, University of Strasbourg, France (23/11/2016)
2013-2017	A. Mikhaleva, University of Lausanne, Switzerland (11/07/2017)
	Research Assistants (since 2016)
2016-2019	M.C. Fischer, IGBMC, Strasbourg, France
2016-2018	C. Wagner, IGBMC, Strasbourg, France
	Graduated MSc students (since 2016)
2021	B. Peerally, University of Sorbonne, France
2021	Z. Allaoua, University of Bourgogne Franche-Comté, France
2021	A. Lahmar, University of Bourgogne Franche-Comté, France
2021	A. Brocard, University of Bourgogne Franche-Comté, France
2020	M. Milhau, University of Bourgogne Franche-Comté, France
2020	B. Capi, University of Bourgogne Franche-Comté, France
2020	J. Roussey, University of Bourgogne Franche-Comté, France
2019	C. Montillot, University of Nice Sophia Antipolis, France (currently PhD)
2019	A. Da Costa, University of Bourgogne Franche-Comté, France
2018	M. Gaborit, University of Strasbourg, France (currently PhD)
2017	M. Kobler (Medical student), University of Strasbourg, France
2017	M. Meylan, University of Strasbourg, France (currently PhD)
2017	S. Ciscares-Velazquez, University of Strasbourg, France
2017	D. Gualberto, University of Strasbourg, France
2017	G. Leininger, University of Strasbourg, France
2016	P. Kretz, University of Strasbourg, France (currently PhD)
2016	N. Demeure (Engineer), University of Strasbourg, France (currently PhD)
2016	J. Delevoye, University of Strasbourg, France
2016	L. Durieux, University of Strasbourg, France (currently PhD)
	Graduated BSc students (since 2016)
2021	M. Thirion, University of Bourgogne Franche-Comté, France
2021	M. Dessolain, University of Bourgogne Franche-Comté, France
2020	G. Fleury, University of Bourgogne Franche-Comté, France
2020	G. Boursier, University of Bourgogne Franche-Comté, France
2019	N. Yahiaoui, University of Strasbourg, France
2018	C. Bonnet, University of Poitiers, France (currently PhD)
2018	P. Hahn, University of Strasbourg, France
2018	M. Ossipenko, University of Strasbourg, France
2017	S. Lottiaux, University of Strasbourg, France
2016	D. Huynh, University of Strasbourg, France
2016	C. Casana, University of Strasbourg, France
2016	E. Ramos-Morales, University of Strasbourg, France (currently PhD)
	Graduated Intern students (since 2016)
2020	N. Kenani, University of Paris 18th, France
2019	E. Isturiz, Supbiotech, Paris, France
2019	N. Pigeonneau, University of Strasbourg, France
2017	E. Aguilar, University of Strasbourg, France

2016	M. Litt, University of Strasbourg, France
2016	S. Ott, University of Strasbourg, France
2016	L. Gagliardi, University of Strasbourg, France
	Visiting International ERASMUS students (since 2016)
2018	G. Evyapan, PhD student, Turkey
2018	E. Makedona, BSc student, Greece
2017	A. Pathak, BSc student, India
2017	E. Mehmetoglu, BSc student, Turkey
2016	D. Kumruoglu, BSc student, Turkey

INVITED TEACHING ACTIVITIES

Since 2012	Pasteur Institute, annual 2-hour lecture in Neurogenetics, Paris, France
2019	Broad audience lecture on " <i>Brain Development in Children</i> ", Dijon, France
2018	Next generation sequencing, Cambridge, United Kingdom
2016	ITMO School in Translational Research in Neurosciences, Bordeaux, France
2015	Workshop on Academic Career, University of Lausanne, Switzerland
2015	European Advanced School in Mouse Phenogenomics, Alsace, France
2013	Ecole Supérieure Biotechnologie Strasbourg, Genomics, France
2011	University of Lausanne, practical course in Molecular Biology, Switzerland
2001	4-months teaching in Genetics, European funded project, West Africa

INVITED CONFERENCES

2019	3 rd Meeting Gene Expression and Epigenome, Strasbourg, France, Talk
2018	33 rd International Mouse Genome Conference, USA, Mary Lyon Award Talk
2018	International Research Consortium on Corpus Callosum, California, USA, Talk
2017	Advancing Personalised Medicine with Animal Models, Athens, Greece, Talk
2017	2 nd Functional annotation of genome-wide variants, Switzerland, Talk
2016	11 th International Meeting on CNV and Genes in Autism, Troina, Italy, Talk
2016	5 th International Mouse Phenotyping Consortium, Strasbourg, France, Talk
2013	6 th Colloque Belles Souris, Montpellier, France, Talk
2005	11 th International School on Neurogenetics, Bordeaux, France, Talk

SELECTED CONFERENCES

2021	10 th International Mouse Phenotyping Consortium, Prague, Poster (online)
2021	54 th European Society of Human Genetics, Poster (online) (Best Poster Award)
2020	3 rd The Allied Genetics Conference, Washington D.C., USA, Poster (online)
2020	10 th Assises de Génétique Humaine et Médicale, Tours, France, Poster
2019	Club Neuro-génétique Nancy, Talk
2019	69 th American Society of Human Genetics, Houston, USA, Poster
2019	1 st NeuroFrance International Meeting, Marseille, France, Poster
2018	1 st Advances in Neurodevelopmental Disorders, Strasbourg, France, Poster
2017	31 st International Mouse Genome Conference, Heidelberg, Germany, Poster
2017	50 th European Society of Human Genetics, Copenhagen, Denmark, Talk
2016	1 st Genomics of Brain Disorders, Hinxton, United Kingdom, Poster & Talk
2015	65 th American Society of Human Genetics, USA, Poster & Talk (+ Award)
2015	17 th International Cognitive Disorders Workshop, Strasbourg, France, Talk
2015	2 nd Symposium Molecular Basis of Mental Disorder, Switzerland, Poster
2015	48 th European Society of Human Genetics, Glasgow, Scotland, Talk
2015	2 nd Gencodys Conference, Chania, Crete, Talk
2015	10 th International Meeting on CNV and Genes in Autism, Italy, Talk
2014	7 th Personal Genomes: Discovery, Treatment & Outcomes, CSH, USA, Talk
2014	28 th International Mouse Genome Conference, Maine, USA, Talk
2014	64 th American Society of Human Genetics, San Diego, USA, Poster
2014	10 th Neurogenetics Symposium, Strasbourg, France, Talk

2014	6 th Meeting of the International Society for CSF Disorders, Bristol, UK, Talk
2013	1 st Neurosciences Meeting, Dijon, France, Talk
2013	1 st Gencodys Conference, Pathos, Cyprus, Poster
2012	11 th Complex Trait Consortium Meeting, Pasteur Institute, Paris, France, Talk
2011	1 st Mouse Genetics Conference, Washington D.C., USA, Poster
2010	5 th Jacques Monod Conference on Cognition, Roscoff, France, Poster
2009	8 th Complex Trait consortium Meeting, Manchester, United Kingdom, Talk
2007	2 nd Genes and Behavior Meeting, Oxford, United Kingdom, Poster
2003	17 th International Mouse Genome Conference, Braunschweig, Germany, Talk
2003	2 nd Complex Trait Consortium Meeting, Oxford, United Kingdom, Talk

SELECTED SEMINARS

2020	MRC Institute of Metabolism, Cambridge, invited by Sadaf Farooqi (webinar)
2020	IRC5 genetic working group, invited by Elliott Sherr (webinar)
2017	Imagine, Paris, France
2016	GReD, Clermont-Ferrand, France
2016	Imagine, Paris, France
2015	Medical Research Council (MRC) Harwell, Oxfordshire, United Kingdom
2015	Wellcome Trust Sanger Institute, Cambridge, United Kingdom
2015	European Molecular Biology Laboratory (EMBL) Monterotondo, Rome, Italy

PEER REVIEW ACTIVITIES

	Editorial board member
2018-present	Frontiers in Genetics (Frontiers)
	Expert reviewer of journals
2021	Theranostics
2021	Journal of Pediatric Genetics
2020	Genes, Brain and Behaviour
2020	Molecular Genetics and Metabolism
2019	PLOS Genetics
2019	eLife
2019	Molecular Neurobiology
2019	Life Science Alliance
2019	Mammalian Genome
2018	Brain Research
2017	Human Mutation
2017	Progress in Neuropsychopharmacology and Biological Psychiatry
2017	International Journal of Neuropsychopharmacology
2016	PLOS One
2014	Genes, Genomes and Genetics
2014	BMC Genomics
2014	Nature
2014	Nucleic Acids Research
2013	Journal of Metabolomics and Systems
2012	BMC Genomics
2012	PLOS One
2012	BMC Research Notes
2011	Nature Genetics
2011	Trends in Genetics
	Expert reviewer of grants
2020-present	French Foundation for Medical Research Line-Pomaret
2018	IDEX Marseille
2016	Research Foundation Flanders
2015	French Foundation for Rare Diseases

2014	French Foundation for Rare Diseases
	Accreditation to Direct Research - HDR” committees
2017	Rapporteur, University of Strasbourg, France (J. Godin)
2015	Rapporteur, University of Pierre and Marie Curie, France (M. Groszer)
	PhD thesis committees
2021	University of Paris-Saclay, France (A. Cazals)
2021	University of Paris, France (C. Maillard)
2021	University of Strasbourg, France (A. Rasheed)
2020	University of Tours, France (J. Halewa)
2020	University of Strasbourg, France (L. Becker)
2019	University of Sorbonne, France (G. Canali)
2019	University of Strasbourg, France (J. Rivera-Alvarez)
2017	Pasteur Institut, France (J. Zhang)
2017	University of Strasbourg, France (S. Martin Lorenzo)
2017	University of Strasbourg, France (L. Asselin)
2016	University of Strasbourg, France (F. Mattioli)
2013	University of Montpellier 1, France (S. Quesada)
2011	University of Oxford, United Kingdom (R. Dutton)

OTHER MANAGEMENT AND INSTITUTIONAL RESPONSIBILITIES

2020	Organizer of a Symposium on Brain Imaging, INSERM Dijon (50 participants)
2018	Jury Master Cellular and Molecular Biology, University of Strasbourg, France
2018	Organizer of a Symposium on Statistics, Strasbourg, France (50 participants)
2017	Invited Chair, Human Disease Models, IMGC, Germany (150 participants)
2017	Jury Master Neuroscience, University of Strasbourg, France
2016	Jury Master Molecular Biology, University of Strasbourg, France

MEDIA OUTREACH

	Online articles
2021	Wellcome Sanger Institute News article by Communications Team “Loss of gene linked to differences in brain size” https://www.sanger.ac.uk/news_item/loss-of-gene-linked-to-differences-in-brain-size/
2021	Inserm Press Release “L’absence de MAGEE2 : une mutation bénéfique” http://www.est.inserm.fr/actualites/l-absence-de-magee2-une-mutation-benefique
2021	University of Bourgogne Franche-Comté, France “Une mutation bénéfique : l’absence de MAGEE2 entraine une différence dans la taille du cerveau chez l’homme et chez la femme” https://www.u-bourgogne.fr/actualites-de-la-recherche/une-mutation-benefique-labsence-de-magee2-entraine-une-difference-dans-la-taille-du-cerveau-chez-lhomme-et-chez-la-femme.html
2020	33 rd international mammalian genome conference: meeting highlights “Yalcin’s work provides an important resource for both the mouse and human genetics and neuroscience communities”. https://link.springer.com/article/10.1007/s00335-020-09830-8
2019	University of Strasbourg, France “Brain development: 198 essential genes identified” http://www.recherche.unistra.fr/index.php?id=30518
2019	University of Bourgogne Franche-Comté, France “198 genes essential for brain development” https://www.u-bourgogne.fr/non-categorise/brouillon-auto.html-40
2017	Advancing personalized medicine with animal models D2.3_Report on 2nd INFRAFRONTIER Stakeholder Meeting-1.pdf

- 2017 Une année avec le CNRS en Alsace “Cognitive and intellectual disabilities are caused by genetic mutations”
https://www.alsace.cnrs.fr/sites/delegation_dr10/files/page/2020-08/2017_une-annee_VF.pdf
- 2017 Discovery of WDR47 gene essential for the development of the brain
<http://www.igbmc.fr/society/actualite/261/>
- News feature Nature Communications**
 2019 <https://www.nature.com/collections/mjksldswr/content/jerome-staal>
- Blog posts**
 2019 Tweeter “Amazing effort from @YalcinBinnaz to look over 1500 mutant mouse lines to find 198 genes whose disruptions yield NeuroAnatomical Phenotypes” by Editors of Nature Communications.
 2019 Wellcome Sanger Institute blog “The Biology of the Brain”
<https://sangerinstitute.blog/2019/09/25/the-biology-of-the-brain/>
 2019 International Mouse Phenotyping Consortium “Study Uncovers 198 Genes Associated With Brain Morphogenesis in Mice”
<https://www.mousephenotype.org/blog/2019/10/04/large-scale-study-uncovers-198-genes-associated-with-brain-morphogenesis-in-mice/>

HCERES EVALUATION

- 2017 The High Council for the Evaluation of Research and Higher Education (HCERES) has scored my group as “**excellent to outstanding with great future prospects**”.

CAREER BREAKS

- | | |
|-----------|--|
| 2018-2019 | 6-month sick leave + 6-month maternity leave |
| 2012-2013 | 6-month sick leave |
| 2007-2008 | 6-month sick leave + 6-month maternity leave |
| 2005-2006 | 6-month sick leave + 6-month maternity leave |

PUBLICATIONS – DR BINNAZ YALCIN
(last updated December 2021)

LINKS

ORCID <https://orcid.org/0000-0002-1924-6807>
Publons <https://publons.com/researcher/2199799/binnaz-yalcin/>
Google scholar <https://scholar.google.fr/citations?user=RxYvYoQAAAAJ&hl=en>

OVERVIEW OF PUBLICATIONS

Total publication	38
Original articles	35
Review articles	3
Correspondence/last authorships	13
First authorships	9
Invited authorships	5
H-index (Google scholar)	20
H-index (Web of Science)	19
i10 index (Google scholar)	24
Sum of the times cited (Web of Science)	3297
Sum of the times cited (Google scholar)	4447
Category Normalised Citation Impact	3.2

Top science journals: *Cell* (x1), *Nature* (x2), *Nature Genetics* (x2), *Molecular Biology and Evolution* (x1), *Science Advances* (x1), *Nature Communications* (x2)

FULL PUBLICATION LIST

35 Original articles

- 2021 Szpak* M, Collins SC, Li Y, Liu X, Ayub Q, Fischer MC, Vancollie VE, Lelliott CJ, Xue Y, **Yalcin B***, Yang H, Tyler-Smith C*. A positively-selected *MAGEE2* LoF allele is associated with sexual dimorphism in human brain size, and shows similar phenotypes in *Magee2* null mice. **Molecular Biology and Evolution**. 2021 Aug 31:msab243.
*Correspondence.
- Baud A, Casale FP, Barkley-Levenson AM, Farhadi N, Montillot C, **Yalcin B**, Nicod J, Palmer AA, Stegle O. Dissecting indirect genetic effects from peers in laboratory mice. **Genome Biology**. 2021 Jul 26;22(1):216.
- Voisin N, Schnur RE, Douzgou S, Hiatt SM, Rustad CF, Brown NJ, Earl DL, Keren B, Levchenko O, Geuer S, Verheyen S, Johnson D, Zarate YA, Hančárová M, Amor DJ, Bebin EM, Blatterer J, Brusco A, Cappuccio G, Charrow J, Chatron N, Cooper GM, Courtin T, Dadali E, Delafontaine J, Del Giudice E, Doco M, Douglas G, Eisenkölbl A, Funari T, Giannuzzi G, Gruber-Sedlmayr U, Guex N, Heron D, Holla ØL, Hurst ACE, Juusola J, Kronn D, Lavrov A, Lee C, Lorrain S, Merckoll E, Mikhaleva A, Norman J, Pradervand S, Prchalová D, Rhodes L, Sanders VR, Sedláček Z, Seebacher HA, Sellars EA, Sirchia F, Takenouchi T, Tanaka AJ, Taska-Tench H, Tønne E, Tveten K, Vitiello G, Vlčková M, Uehara T, Nava C, **Yalcin B**, Kosaki K, Donnai D, Mundlos S, Brunetti-Pierri N, Chung WK, Raymond A. Variants in the degenon of *AFF3* are associated with intellectual disability, mesomelic dysplasia, horseshoe kidney, and epileptic encephalopathy. **Am J Hum Genet**. 2021 May 6;108(5):857-873.

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