

PUBLICATION LIST - Prof. Dr. Edna Grünblatt

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No. of original works = 130; No. of original works (first/last author) = 30/36;

No. of other works = 64; No. Book & Book chapter = 14

Web of knowledge hirsch-index=49; Times cited= 9'650

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ResearchGate h-index=56; Citations=12'700

Google Scholar h-index=60; i10-index=154; Citations=14'445

I. Original work (bioRxiv/ medRxiv)

1. Nora I. Strom, Zachary F Gerring, Marco Galimberti, Dongmei Yu, Matthew W Halvorsen, Abdel Abdellaoui, Cristina Rodriguez-Fontenla, Julia M Sealock, Tim Bigdeli, Jonathan R. I. Coleman, Behrang Mahjani, Jackson G Thorp, Katharina Bey, Christie L Burton, Jurjen J Luykx, Gwyneth Zai, Silvia Alemany, Christine Andre, Kathleen D Askland, Nerisa Banaj, Cristina Barlassina, Judith Becker Nissen, O. Joseph Bienvenu, Donald Black, Michael H Bloch, Julia Boberg, Sigrid Borte, Rosa Bosch, Michael Breen, Brian P Brennan, Helena Brentani, Joseph D Buxbaum, Jonas Bybjerg-Grauholm, Enda M Byrne, Judit Cabana-Dominguez, Beatriz Camarena, Adrian Camarena, Carolina Cappi, Angel Carracedo, Miguel Casas, Maria Cristina Cavallini, Valentina Ciullo, Edwin H Cook, Jesse Crosby, Bernadette AM Cullen, Elles J De Schipper, Richard Delorme, Srdjan Djurovic, Jason A. Elias, Xavier Estivill, Martha J Falkenstein, Bengt T Fundin, Lauryn Garner, Chris German, Christina Girona, Fernando S Goes, Marco A Grados, Jakob Grove, Wei Guo, Jan Haavik, Kristen Hagen, Kelly Harrington, Alexandra Havdahl, Kira D. Hoeffler, Ana G. Hounie, Donald Hucks, Christina Hultman, Magdalena Janecka, Eric Jenike, Elinor K Karlsson, Kara Kelley, Julia Klawohn, Janice E. Krasnow, Kristi Krebs, Christoph Lange, Nuria Lanzagorta, Daniel Levey, Kerstin Lindblad-Toh, Fabio Macciardi, Brion Maher, Brittany Mathes, Evonne McArthur, Nathaniel McGregor, Nicole C McLaughlin, Sandra Meier, Euripedes C Miguel, Maureen Mulhern, Paul S Nestadt, Erika L. Nurmi, Kevin S O'Connell, Lisa Osiecki, Olga Therese Ousdal, Teemu Palviainen, Nancy L Pedersen, Fabrizio Piras, Federica Piras, Sriramya Potluri, Raquel Rabionet, Alfredo Ramirez, Scott Rauch, Abraham Reichenberg, Mark A Riddle, Stephan Ripke, Maria C Rosario, Aline S Sampaio, Miriam A. Schiele, Anne Heidi Skogholt, Laura G Sloofman G Sloofman, Jan Smit, Maria Soler Artigas, Laurent F Thomas, Eric Tift, Homero Vallada, Nathaniel van Kirk, Jeremy Veenstra-VanderWeele, Nienke N.C.C. Vulink, Christopher P Walker, Ying Wang, Jens R Wendland, Bendik S Winsvold, Yin Yao, Hang Zhou, 23andMe Research Team, VA Million Veteran Program, Estonian Biobank, CoGa research team, iPSYCH, HUNT research team, NORDiC, Arpana Agrawal, Pino Alonso, Goetz Berberich, Kathleen K Bucholz, Cynthia M. Bulik, Danielle Cath, Damiaan Denys, Valsamma Eapen, Howard Edenberg, Peter Falkai, Thomas V Fernandez, Abby J. Fyer, J M Gaziano, Dan A Geller, Hans J. Grabe, Benjamin D Greenberg, Gregory L Hanna, Ian B Hickie, David M Hougaard, Norbert Kathmann, James Kennedy, Dongbing Lai, Mikael Landen, Stephanie Le Hellard, Marion Leboyer, Christine Lochner, James T McCracken, Sarah E Medland, Preben B Mortensen, Benjamin M Neale, Humberto Nicolini, Merete Nordentoft, Michele Pato, Carlos Pato, David L. Pauls, John Piacentini, Christopher Pittenger, Danielle Posthuma, Josep Antoni Ramos-Quiroga, Steven A Rasmussen, Margaret A Richter, David R Rosenberg, Stephan Ruhrmann, Jack F Samuels, Sven Sandin, Paul Sandor, Gianfranco Spalletta, Dan J Stein, S. Evelyn Stewart, Eric A Storch, Barbara E Stranger, Maurizio Turiel, Thomas Werge, Ole A Andreassen, Anders D Borglum, Susanne Walitza, Kristian Hveem, Bjarne K A Hansen, Christian P Rueck, Nicholas G Martin, Lili Milani, Ole Mors, Ted Reichborn-Kjennerud, Marta Ribases, Gerd Kvale, David Mataix-Cols, Katharina Domschke, **Edna Gruenblatt**, Michael Wagner, John-Anker Zwart, Gerome Breen, Gerald Nestadt, Jaakko Kaprio, Paul D Arnold, Dorothy E Grice, James A Knowles, Helga Ask, Karin J.H. Verweij, Lea K Davis, Dirk JA Smit, James J Crowley, Jeremiah M Scharf, Murray B Stein, Joel Gelemler, Carol A Mathews, Eske M Derks, Manuel Mattheisen (2024) Genome-wide association study identifies 30 obsessive-compulsive disorder associated loci. medRxiv 2024.03.13.24304161; doi: <https://doi.org/10.1101/2024.03.13.24304161>

2. Nicolas, A., B. Grenier-Boley, R. Sherva, Y. Kim, M. Kikuchi, I. d. Rojas, C. Dalmaso, X. Zhou, Y. L. Guen, C. E. Arboleda-Bustos, M. A. C. Bicalho, M. Guerchet, S. v. d. Lee, M. Goss, A. Castillo, C. Bellenguez, F. Küçükali, C. S. Barrera, B. Fongang, Q. yang, O. Peters, A. Schneider, M. Dichgans, D. Rujescu, N. Scherbaum, J. Deckert, S. Riedel-Heller, L. Hausner, L. M. Porcel, E. Düzel, T. Grimmer, J. Wiltfang, S. Heilmann-Heimbach, S. Moebus, T. Teges, N. Scarmeas, O. Dols-Icardo, F. Moreno, J. Pérez-Tur, M. J. Bullido, P. Pastor, R. Sánchez-Valle, V. Álvarez, H. Cao, N. Y. Ip, A. K. Y. Fu, F. C. F. Ip, N. Olivar, C. Muchnik, C. Cuesta, L. Campanelli, P. Solis, D. G. Politis, S. Kochen, L. I. Brusco, M. Boada, P. García-González, R. Puerta, P. Mir, L. M. Real, G. Piñol-Ripoll, J. M. García-Alberca, J. L. Royo, E. Rodriguez-Rodriguez, H. Soininen, S. Heikkinen, A. d. Mendonça, S. Mehrabian, L. Traykov, J. Hort, M. Vyhnaek, K. L. Rasmussen, J. Q. Thomassen, Y. A. L. Pijnenburg, H. Holstege, J. v. Swieten, I. Ramakers, F. Verhey, A. v. d. Lugt, P. Scheltens, J. Ortega-Rojas, A. G. C. Mera, M. F. Mahecha, R. Pardo, G. Arboleda, C. Graff, G. Papenberg, V. Giedraitis, A. Boland, J.-F. Deleuze, L. A. d. Marco, E. N. d. Moraes, B. d. Viana, M. T. G. Cintra, A. Grsiwold, T. Forund, C. Cruchaga, J. Haines, L. Farrer, A. DeStefano, E. Wijsman, R. Mayeux, M. Pericak-Vance, B. Kunkle, A. Goate, G. D. Schellenberg, B. Vardarajan, L.-S. Wang, Y. Y. Leung, C. Dalgard, G. Nicolas, D. Wallon, C. Dufouil, F. Pasquier, O. Hanon, S. Dobbie, E. Grünblatt, J. Popp, B. Angel, S. Golger, M. V. Chacon, R. Aranguiz, P. Orellana, A. Slachevsky, C. Gonzalez-Billault, C. Albalá, P. Fuentes, T. Porter, S. M. Laws, P. Sachdev, K. Mather, R. L. Hauger, V. Merritt, M. Panizzon, R. Zhang, M. Gaziano, R. Ghidoni, D. Galimberti, B. Arosio, P. Mecocci, V. Solfrizzi, L. Parnetti, A. Squassina, L. Tremolizzo, B. Borroni, B. Nacmias, P. Caffarra, D. Seripa, I. Rainero, A. Daniele, F. Piras, A. Miyashita, N. Hara, K. Ozaki, S. Niida, J. Williams, C. Masullo, P. Amouyel, P.-M. Preux, P. Mbelesso, B. Bandzouzi, A. Saykin, F. Jessen, P. Kehoe, C. V. Duijn, J. Gim, N. B. Salem, R. Frikke-Schmidt, L. Cherni, M. D. Greicius, M. Tzolaki, P. Sánchez-Juan, M. A. R. Silva, K. Sleegers, M. Ingelsson, J.-F. Dartigues, S. Seshadri, G. Rossi, L. Morelli, M. Hiltunen, R. Sims, W. v. d. Flier, O. Andreassen, H. Arboleda, V. Escott-Price, A. Ruiz, K. H. Lee, T. Ikeuchi, A. Ramirez, M. Logue and J.-C. Lambert (2023). "Transferability of a European-derived Alzheimer's Disease Genetic Risk Score across Multi-Ancestry Populations." medRxiv: 2023.2010.2017.23297061.
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II. Original work peer-reviewed

In Press

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4. Kagerer SM, Awasthi S, Ripke S, Maceski A, Benkert P, Fall AB, Riederer P, Fischer P, Walitza S, **Grünblatt E**, Kuhle J, Unschuld PG (2024) Polygenic risk for Alzheimer's disease is associated with neuroaxonal damage before onset of clinical symptoms. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*. 16: e12504. DOI:10.1002/dad2.12504

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 9. Yde Ohki CM, Walter NM, Rickli M, Van Puyenbroeck P, Döring C, Hoffmann P, Herms, S, Werling AM, Walitza S, **Grünblatt E** (2023) Generation of induced pluripotent stem cells from two ADHD patients and two healthy controls. 69: 103084. *Stem Cell Research*. <https://doi.org/10.1016/j.scr.2023.103084>
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V. Medical educational journals

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VI. Conference manuscripts

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VII. Editorial / Letters

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VIII. Book & Book chapters

1. Prochwicz, K., Lochner, C., **Grünblatt, E.**, eds. (2023). Obsessive-compulsive related disorders (OCRD) across the lifespan. Lausanne: Frontiers Media SA.eBook. doi: 10.3389/978-2-8325-3751-0
2. Werling AM, **Grünblatt E** (2022) A review of the genetic basis of problematic internet use. Book Chapter in *Current Opinion Behavioral Science*. 46: 101149. <https://doi.org/10.1016/j.cobeha.2022.101149>
3. Yde Ohki, C. M., McNeill, R., Nieberler, M., Radtke, F., Kittel-Schneider, S., **Grünblatt, E.** (2022). Promising developments in use of induced pluripotent stem cells in research of ADHD. In C. Stanford & E. Sciberras (Eds.), *New Discoveries in the Behavioral Neuroscience of Attention Deficit Hyperactivity Disorder*. Springer. (Book chapter). *Curr Topics Behav. Neurosci.* 483-501[Online ahead of print 12 May 2022] doi: 10.1007/7854_2022_346.
4. **Grünblatt E** (2021) Genetics of OCD and Related Disorders; Searching for Shared Factors. In "Future Trends In Obsessive-Compulsive And Related Disorders Research" 1st Edition, Fineberg N & Robbins TW Editors. Springer Nature Switzerland AG, *Curr Topics Behav. Neurosci.* 49: 1-16 doi: 10.1007/7854_2020_194

5. Finberg N, Dell'Osso B, Demetrovics Z, Chamberline S, Corazza O, Zohar J, Potenza M, Hollander E, Van Ameringen M, Sales C, Jones J, Hall N, Martinotti G, Burkauskas J, Menchon JM, **Grünblatt E**, Kiraly O (2020) Learning to deal with Problematic Usage of the Internet. COST (European Cooperation in Science and Technology), <https://doi.org/10.5167/uzh-208132>
6. Burton CL, Barta C, Cath D, Geller D, van den Heuvel OA, Yao Y, OCD and TS working group of the PGC, Eapen V*, **Grünblatt E***, Zai G* (2019) Genetics of Obsessive-Compulsive Disorder and Tourette Disorder. In "Personalized Psychiatry", 1st Edition, Baune B Editor; (pp. 239-252). San Diego: Academic Press, Elsevier, Published date 1st June 2019. ISBN 9780128131763. *Equal contribution
7. Sian-Hülsmann J, Monoranu CM, **Grünblatt E**, Riederer P (2018) Neurochemical markers as potential indicators of postmortem tissue quality. In "Handbook of Clinical Neurology", Brain Banking, Huitinga I, Webster MJ Editors; Elsevier; Volume 150, Chapter 9: 119-127. doi: 10.1016/B978-0-444-63639-3.00009-8
8. Koutsilieri E, Arendt G, Neuen-Jacob E, Scheller C, **Grünblatt E**, Riederer P. (2007) HIV Dementia: A Neurodegenerative Disorder with Viral Etiology. In "Handbook of Neurochemistry and Molecular Neurobiology", 3rd Edition, Degenerative Disease of the Nervous System. Youdim MBH, Riederer P, Mandel SA, Battistin L, Volume Editors; Springer, Berlin, Heidelberg. Chapter 7: 360-371.
9. Weinreb O, Amit T, **Grünblatt E**, Riederer P, Youdim M., Mandel S. (2007) Gene and Protein Expression Profiling in Parkinson's Disease: Quest for Neuroprotective Drugs. In "Handbook of Neurochemistry and Molecular Neurobiology", 3rd Edition, Degenerative Disease of the Nervous System. Youdim MBH, Riederer P, Mandel SA, Battistin L, Volume Editors; Springer, Berlin, Heidelberg. Chapter 2: 61-78
10. **Grünblatt E**, Mandel S, Riederer P, Youdim M.B.H (2007) Genes and Oxidative Stress in Sporadic and Familial Parkinsonism: cDNA Microarray Studies. In: Oxidative stress and neurodegenerative disorders. (G.Ali Qureshi & S. Hassan Parvez ed.) Elsevier Press, The Netherlands. Chapter 8: 201-218.
11. Kettler R., Borroni E., Cesura A., **Grünblatt E.**, Jorga K., Richards J.G., Riederer P. and Da Prada M. (2002) Monoamine-oxidase-hemmer: Neurobiochemie, Wirkmechanismus. Pages 474-488 (Riederer P., Laux G. and Pödlinger W., Eds.), *Neuro-Psychopharmaka. Ein Therapie-Handbuch. Band 3: Antidepressiva, Phasenprophylaktika und Stimmungsstabilisierer*. Zweite, neubearbeitete Auflage, Springer-Verlag, Wien, Austria.
12. **Grünblatt E.**, Mandel S., Yona Royak and Youdim, M.B.H. (2001). The contributions of intracellular non-hem iron, NFkB activation and inflammatory responses to neurodegeneration in Parkinson's disease; Prospects for neuroprotection. pp. 277-288. In: Neurotoxic factors in Parkinson's disease and related disorders. (Alexander Storch and, Michael A. Collins, eds.), Springer-Verlag, Wien, Austria.
13. Mandel, S., **Grünblatt, E.**, and Youdim, M. B. H. (2000) cDNA microarray to study gene expression of dopaminergic neurodegeneration and neuroprotection in MPTP and 6-hydroxydopamine models: implications for Parkinson's disease. Pages 117-125 (P. Riederer, D. B. Calne, R. Horowski, Y. Mizuno, C. W. Olanow, W. Poewe, and M. B. H. Youdim, Eds.), *Advances in Neurodegeneration Diseases*, Vol. 8. Springer Medicine, Wien New York.
14. Mandel S., **Grünblatt E.** and Youdim M.B.H. (1999). Therapeutic potential of radical scavengers in Parkinson's disease. In: *Free Radicals in Brain Pathophysiology*. (Poli, G. Cadenas, E., Packer, L., Eds), Marcel Decker press, NY, Chapter. 23, p. 487-500.

IX. Patent registration

- a. 28th July 2005 WO 2005/067391 A2 Diagnostic test for Parkinson's disease (4 Inventors)
- b. 16 June 2009 WO 2009/074331 A3 Early and differential diagnosis test for Alzheimer's disease (2 Inventors)
- c. 3rd May 2012 WO 2012/056451 A2 Peripheral blood gene markers for early diagnosis of Parkinson's disease. Inventors. (6 Inventors)

X. International scientific congresses- Invited speaker or chair (Last 11 years)

- 1) Speaker “Personalized 2D modelling of ADHD” Seminar (Martine Hoogman), Radboud University medical center, 28 Nov 2023, Online.
- 2) Speaker “The Ying & Yang of variability in modeling mental disorders using iPSCs- recommendations, guidelines and best practice” at the [CoreEUStem](#) seminar, 10 Nov 2023, Online
- 3) Speaker “Oxidative stress and inflammation in ADHD? Personalized in vitro modeling and treatment effects” at the WASAD congress, 11-13 Sept 2023, Zürich, Switzerland.
- 4) Speaker “Is ADHD a risk for Alzheimer’s and Parkinson’s disease? Linked via oxidative stress and inflammation?” at the WASAD congress, 11-13 Sept 2023, Zürich, Switzerland.
- 5) Speaker “Is there a link between ADHD and sporadic Alzheimer’s disease? Wnt signaling?” at the 9th World congress on ADHD, 18-21 May 2023, Amsterdam, The Netherlands.
- 6) Speaker “Discovering molecular mechanisms of drug treatment using patient’s derived-iPSC models” at the CINP congress 7-10 May 2023, Montreal, Canada.
- 7) Speaker “Last in first our” hypothesis: ADHD and cognitive decline- the Wnt-pathway link?, at the Würzburg Symposium, 18 June 2022, Würzburg, Germany.
- 8) Speaker “Elucidating brain growth alterations of ADHD children at the cellular level” at the ECNP ADHD in life span meeting, 16 June 2022, Barcelona, Spain.
- 9) Contribution on TV: SRF PULS 2 May 2022 “[Hyperaktivität-Erwachsene unter Dauerstrom](#)“ (starting from 12.47 min).
- 10) Speaker «Erforschung der Neuroentwicklungsstörung ADHS: Modellierung mit Hilfe personalisierter induzierter pluripotenter Stammzellen» BrainFair 2022, Organized by the Neuroscience centre Zurich, 14-16 March 2022, Zürich, Switzerland.
- 11) Speaker “Wachsen ADHS-Neuronen anders? Eine Untersuchung mit pluripotenten Stammzellen» Schweizerische Fachgesellschaft ADHS, 10 March 2022, Virtual, Switzerland.
- 12) Speaker “Duration of untreated illness and clinical outcomes in childhood and adolescent OCD” ECNP congress, 2-5 October 2021, Lisbon Portugal.
- 13) Chair “Artificial neurons on chip”, ECNP congress, 2-5 October 2021, Lisbon Portugal.
- 14) Speaker “Modelling ADHD: Potentials studying G x E interactions and therapy response”, WASAD congress, 20-22nd Sept 2021, Vienna Austria.
- 15) Speaker “Involvement of the Wnt-signaling pathway in methylphenidate treatment of ADHD” Joint MINDDS-ECNP meeting, Virtual workshop 14-15th Sept 2021
- 16) Speaker “iPSC and ADHD research” Joint McGill-ZNZ Workshop “Induced pluripotent stem cell-based modeling in brain disease research”, 8 December 2020, Virtual (Canada & Switzerland)
- 17) Speaker “Induced pluripotent stem cells to model neurodevelopmental disorders” ESCAP Research academy, Virtual meeting 26th August 2020.
- 18) Speaker: «The link between the genetic risk load, anxiety and stress in individuals at clinical high risk for psychosis» 2nd International Congress of the World Assoc. for Stress Related and Anxiety Disorders, 3-5 Oct 2019, Würzburg, Germany.
- 19) Chair: Workshop «Induced pluripotent stem cell models in neuroscience», ZNZ Symposium, 12 Sept 2019, Zürich, Switzerland.
- 20) Speaker: “Was können wir aus personalisierten ADHS-Modellen lernen? Neuronen in der Petrischale» 6. Nationale ADHS Tagung, BeFa 2019, 22 June 2019, Zürich, Switzerland.
- 21) Speakers: “ADHS und Epigenetik” Kinder- und Jugendpsychiatrisches Kolloquium, UPK, University Basel, 22 May 2019, Basel, Switzerland.
- 22) Speaker: Neurobiology seminars Medizinische Wissenschaften ME.5001 “Current knowledge on ADHD and new research approaches”, University of Fribourg, 27 March 2019, Fribourg, Switzerland.
- 23) Speaker: Intern Weiter- und Fortbildung Klinik für Kinder- und Jugendpsychiatrie und Psychotherapie, UZH “Update: ADHS und neue Modelle” 7th March 2019, Zurich, Switzerland.
- 24) Speaker: International Training School and Conference on Problematic Usage of the Internet (PUI) “Genetics of behavioural addiction, of relevance to PUI” COST-PUI, 14-16 January 2019, Cambridge, UK.
- 25) Speaker & chair: Brainstorming session “The potentials and limitations of personalized induced pluripotent stem cell (iPSC) models in neuropsychiatry” 31st ECNP Congress, 6-9 October 2018, Barcelona, Spain.
- 26) Speaker: “Personalisierte ADHS Modelle” PUK Symposium 2018: ADHS: Überwinden von Defiziten und Störungen, 26 April 2018, Zürich, Switzerland.
- 27) Speaker: “Oxidative stress parameters in a longitudinal aging population- the VITA study” WASAD Congress 2017, 14-17 September 2017, Würzburg, Germany.
- 28) Speaker: “Specificity of Biomarkers for OCD/ADHD” 13th World Congress of Biological Psychiatry, 18-22 June 2017, Copenhagen, Denmark.
- 29) Speaker: “The potentials of induced pluripotent stem cells: ADHD model in a dish” 6th World Congress on ADHD, 20-23 April 2017, Vancouver, Canada.

- 30) Speaker & chair: Brainstorming session “The current knowledge regarding psychostimulant /methylphenidate effects and mechanism of action in attention-deficit hyperactivity disorder (ADHD) and healthy subjects” 29th ECNP Congress, 17-20 September 2016, Vienna, Austria
- 31) Speaker: Epigenetische Veränderungen des serotonergen Systems in Zwangsstörungen im Kindesalter, DGKJP, 25-28 March 2015, München, Germany
- 32) Speaker: Biomarkers in ADHD, 12th World congress of Biological Psychiatry, Symposium: Biomarkers in psychiatric disorders, 14-18 June, Athens, Greece
- 33) Speaker: Epigenetic changes in the serotonergic system in pediatric OCD, 16th ESCAP congress, Symposium: Recent advances in the etiopathogenesis of pediatric OCD and related disorders: epigenetic, autoimmune and environmental aspects, 20-24 June 2015, Madrid, Spain
- 34) Speaker: Methylphenidate treatment in attention-deficit hyperactivity disorder: What do we know about the mechanism of action of methylphenidate? ESCAP congress, 6-10 July 2013, Dublin, Ireland
- 35) Speaker: Mechanism of ADHD treatment with stimulant, World congress on Parkinson's disease and related disorders, 8-11 December 2013, Geneva, Switzerland
- 36) Speaker/ Chair: Genetic Testing: does it make sense?. World congress on Parkinson's disease and related disorders, 8-11 December 2013, Geneva, Switzerland
- 37) Speaker: ADHD medication and its effects on the brain, Hansesymposium, 6-7 Sept 2013, Rostock, Germany
- 38) Speaker/Chair: New findings of copy number variations in Obsessive-Compulsive Disorder, In the symposium: Updates in molecular findings in child and adolescent psychiatry, ECNP congress, 13-17 October 2012, Wien Austria
- 39) Speaker/Chair in the workshop: Research models in ADHD, 3rd International congress on ADHD 26-29 May 2011, Berlin, Germany
- 40) Speaker: Biomarker Discovery II, Pathological Biomarkers, WFN-2011 PDRD Satellite Symposium, 15-16 December 2011, Shanghai, China
- 41) Speaker: Parkinson's disease: Molecular risk factors, WFN XIX World Congress on Parkinson's Disease and Related Disorders, 11-14 December 2011, Shanghai, China
- 42) Speaker/Chair: Copy number variations and early onset Obsessive-Compulsive Disorder – implications, World Congress of Biological Psychiatry, 29 May-2 June 2011, Prague