

ふりがな	おおい かずたか
氏名	大井 一高

現職	金沢医科大学 精神神経科 講師 金沢医科大学 総合医学研究所 遺伝子機能研究分野 講師(併任) 国立精神・神経医療研究センター精神保健研究所 客員研究員
年 月 日	学 歴
平成 11 年 3 月 平成 11 年 4 月~ 17 年 3 月 平成 19 年 4 月~ 23 年 3 月	三重 暁高等学校卒業 金沢医科大学医学部医学科 大阪大学大学院医学系研究科精神医学教室 博士課程
年 月	職 歴
平成 17 年 4 月~18 年 3 月 平成 18 年 4 月~19 年 3 月 平成 23 年 4 月~ 26 年 5 月 平成 26 年 6 月~ 27 年 10 月 平成 27 年 11 月~28 年 9 月 平成 28 年 10 月~現在 平成 30 年 2 月~現在 平成 30 年 7 月~現在	関西労災病院(大阪大学医学部付属病院 C コース) 臨床研修医 大阪大学医学部付属病院 臨床研修医 独立行政法人 国立病院機構 やまと精神医療センター 医員 米国ジョンスホプキンス大学 Lieber Institute for Brain Development, ポスドク 金沢医科大学 精神神経科 助教 金沢医科大学 精神神経科 講師 金沢医科大学 総合医学研究所 遺伝子機能研究分野(併任) 国立精神・神経医療研究センター精神保健研究所 客員研究員(併任)
年 月	賞 罰
平成 31 年 3 月 平成 31 年 3 月 平成 30 年 11 月 平成 30 年 11 月 平成 30 年 6 月 平成 30 年 1 月 平成 29 年 11 月 平成 29 年 6 月 平成 29 年 6 月 平成 29 年 6 月 平成 29 年 4 月 平成 29 年 4 月 平成 28 年 7 月 平成 27 年	1st AsCNP-ASEAN International Congress of Neuropsychopharmacology, Young Psychiatrist Award 第 11 回日本不安症学会学術大会 若手優秀演題賞 第 28 回日本臨床精神神経薬理学会・第 48 回日本神経精神薬理学会 合同年会 優秀プレゼンテーション賞 第 48 回日本神経精神薬理学会 表彰状 金沢医科大学医学会 金沢医科大学医学会「論文表彰」 平成 28 年度 金沢医科大学 優良教員賞 金沢市医師会金沢医学館記念医学賞 金沢医科大学医学会 金沢医科大学医学会「論文表彰」 金沢医科大学橘勝会 金沢医科大学「橘会賞」 13th World Congress of Biological Psychiatry, Young Investigator Award for Best Poster 5th Congress of Asian College of Neuropsychopharmacology (AsCNP), Young Psychiatrist Award 5th AsCNP, JSNP Excellent Presentation Award 30th CIPN, JSNP Excellent Presentation Award World Journal of Biological Psychiatry (WCBP) EXCELLENCE IN REVIEWING 2015

平成 27 年 11 月	4th AsCNP, JSNP Excellent Presentation Award
平成 27 年 11 月	WPA International Congress, Young Psychiatrist Award
平成 25 年 6 月	11th WCBP, Young Scientists Award
平成 24 年 9 月	第 34 回日本生物学的精神医学会 若手研究者育成プログラム奨励賞
平成 24 年 5 月	28th CINP, Rafaelsen Young Investigator Award
平成 24 年 5 月	28th CINP, JSNP Excellent Presentation Award
平成 24 年 3 月	第 7 回日本統合失調症学会 一般演題優秀賞
平成 23 年 9 月	2nd AsCNP, Young Investigator Fellowship Award
平成 23 年 6 月	10th World Congress of Biological Psychiatry, Young Investigator Award for Best Poster

所属学会等

日本精神神経薬理学会 評議員,
 日本統合失調症学会
 日本精神神経学会
 日本生物学的精神医学会
 日本神経科学会
 日本神経化学会
 日本不安症学会
 国際神経精神薬理学会
 アジア神経精神薬理学会
 世界生物学的精神医学会
 世界統合失調症学会

Editor

Neuropsychopharmacology Reports, Associate Editor
 Journal of Psychiatry and Brain Science, Editorial board

競争的研究費獲得状況（代表のみ）

1. 2016-2017 科研費 若手 (B) 統合失調症の非罹患同胞における包括的中間表現型解析
2. 2016 田辺三菱製薬医学・薬学研究活動支援 統合失調症の全ゲノム関連解析により同定された遺伝子多型頻度の民族間の差異 : Population Genetics アプローチ
3. 2017 上原記念生命科学財団 研究奨励金 統合失調症非罹患近親者における包括的中間表現型解析
4. 2017 石本記念デサントスポーツ科学振興財団学術研究 統合失調症とその第 1 度近親者において身体活動量がメンタルヘルスに及ぼす影響
5. 2017 武田科学振興財団 医学系研究奨励 統合失調症非罹患近親者における包括的中間表現型解析 - Imaging Genetics -
6. 2017-2019 喫煙科学研究財団 若手研究 喫煙行動と統合失調症における遺伝的共通性の解明
7. 2017 田辺三菱製薬医学・薬学研究活動支援 認知ゲノミクスを用いた統合失調症と認知機能における遺伝的共通性の解明
8. 2018 横山臨床薬理研究助成基金 平成 30 年度研究助成 民族間差を超えた統合失調症と認知機能における遺伝的共通性の解明

原著論文、総説のリスト

1. **Ohi K**, Shimada T, Kataoka Y, Koide Y, Yasuyama T, Uehara T, Okubo H, Kawasaki Y. Intelligence Decline between Present and Premorbid IQ in Schizophrenia: Schizophrenia Non-Affected Relative Project (SNARP). *Eur Neuropsychopharmacol*. 2019
2. **Ohi K**, Otowa T, Shimada M, Sasaki T, Tanii H. Shared Genetic Etiology between Anxiety Disorders and Psychiatric and Related Intermediate Phenotypes. *Psychol Med*. 2019
3. **Ohi K**, Sumiyoshi C, Fujino H, Yasuda Y, Yamamori H, Fujimoto M, Shiino T, Sumiyoshi T, Hashimoto R. Genetic Overlap between General Cognitive Function and Schizophrenia: A Review of Cognitive GWASs. *Int J Mol Sci*. 19(12). 2018.
4. Sumiyoshi C, Fujino H, Yamamori H, Kudo N, Azechi H, Fujimoto M, Yasuda Y, **Ohi K**, Sumiyoshi T, Hashimoto R. Predicting work outcome in patients with schizophrenia: Influence of IQ decline. *Schizophr Res*. 201:172-179.
5. Matsuda Y, **Ohi K**. Cortical gyrification in schizophrenia: current perspectives. *Neuropsychiatr Dis Treat*. 14:1861-1869. 2018
6. **Ohi K**, Kuwata A, Shimada T, Kataoka Y, Yasuyama T, Uehara T, Kawasaki Y. Genome-wide variants shared between smoking quantity and schizophrenia on 15q25 are associated with CHRNA5 expression in the brain. *Schizophr Bull*. 2018
7. **Ohi K**, Shimada T, Kuwata A, Kataoka Y, Okubo H, Kimura K, Yasuyama T, Uehara T, Kawasaki Y. Smoking rates and number of cigarettes smoked per day in schizophrenia: A large cohort meta-analysis in a Japanese population. *Int J Neuropsychopharmacol*. 2018
8. **Ohi K**, Kataoka Y, Shimada T, Kuwata A, Okubo H, Kimura K, Yasuyama T, Uehara T, Kawasaki Y. Meta-analysis of physical activity and effects of social function and quality of life on the physical activity in patients with schizophrenia. *Eur Arch Psychiatry Clin Neurosci*. 2018
9. Koshiyama D, Fukunaga M, Okada N, Yamashita F, Yamamori H, Yasuda Y, Fujimoto M, **Ohi K**, Fujino H, Watanabe Y, Kasai K, Hashimoto R. Role of subcortical structures on cognitive and social function in schizophrenia. *Sci Rep*. 8(1):1183. 2018
10. Koshiyama D, Fukunaga M, Okada N, Yamashita F, Yamamori H, Yasuda Y, Fujimoto M, **Ohi K**, Fujino H, Watanabe Y, Kasai K, Hashimoto R. Subcortical association with memory performance in schizophrenia: a structural magnetic resonance imaging study. *Transl Psychiatry*. 8(1):20. 2018
11. Shimada T, **Ohi K**, Yasuyama T, Uehara T, Kawasaki Y. Cerebellar activation during a motor task in conversion disorder with motor paralysis: A case report and fMRI study. *Neuropsychopharmacology Rep* 38:47-50. 2018
12. **Ohi K**, Sumiyoshi C, Fujino H, Yasuda Y, Yamamori H, Fujimoto M, Sumiyoshi T, Hashimoto R. A Brief Assessment of Intelligence Decline in Schizophrenia As Represented by the Difference between Current and Premorbid Intellectual Quotient. *Front Psychiatry*. 8:293. 2017 IF=2.857
13. Hashimoto N, Ito YM, Okada N, Yamamori H, Yasuda Y, Fujimoto M, Kudo N, Takemura A, Son S, Narita H, Yamamoto M, Tha KK, Katsuki A, **Ohi K**, Yamashita F, Koike S, Takahashi T, Nemoto K, Fukunaga M, Onitsuka T, Watanabe Y, Yamasue H, Suzuki M, Kasai K, Kusumi I, Hashimoto R; COCORO. The effect of duration of illness and antipsychotics on subcortical volumes in schizophrenia: Analysis of 778 subjects. *Neuroimage Clin*. 17:563-569. 2017

14. **Ohi K**, Shimada T, Nemoto K, Kataoka Y, Yasuyama T, Kimura K, Okubo H, Uehara T, Kawasaki Y. Cognitive clustering related to schizophrenia patients, their first-degree relatives and healthy subjects is associated with anterior cingulate cortex volumes. *Neuroimage Clin.* 16:248-256 2017.
15. **Ohi K**, Shimada T, Yasuyama T, Kimura K, Uehara T, Kawasaki Y. Spatial and temporal expression patterns of genes around nine neuroticism-associated loci. *Prog Neuropsychopharmacol Biol Psychiatry.* 2017;77:164-171.
16. **Ohi K**, Kuwata A, Shimada T, Yasuyama T, Nitta Y, Uehara T, Kawasaki Y. Response to benzodiazepines and the clinical course in malignant catatonia associated with schizophrenia: A case report. *Medicine (Baltimore).* 2017;96(16):e6566
17. **Ohi K**, Shimada T, Yasuyama T, Uehara T, Kawasaki Y. Variability of 128 schizophrenia-associated gene variants across distinct ethnic populations. *Transl Psychiatry.* 2017;7(1):e988.
18. Omi T, Ito H, Riku K, Kanai K, Takada H, Fujimi S, Matsunaga H, **Ohi K**. Possible factors influencing the duration of hospital stay in patients with psychiatric disorders attempting suicide by jumping. *BMC Psychiatry.* 2017 17(1):99.
19. **Ohi K**, Shimada T, Kihara H, Yasuyama T, Sawai K, Matsuda Y, Oshima K, Okubo H, Nitta Y, Uehara T, Kawasaki Y. Impact of Familial Loading on Prefrontal Activation in Major Psychiatric Disorders: A Near-Infrared Spectroscopy (NIRS) Study. *Sci Rep.* 2017;7:44268.
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 28. **Ohi K**, Kikuchi M, Ikeda M, Yamamori H, Yasuda Y, Fujimoto M, Fujino H, Miura K, Fukunaga M, Nakaya A, Iwata N, Hashimoto R. Polygenetic components for schizophrenia, bipolar disorder and rheumatoid arthritis predict risk of schizophrenia. *Schizophr Res.* 2016 175(1-3):226-9.
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 30. **Ohi K**, Shimada T, Nitta Y, Kihara H, Okubo H, Uehara T, Kawasaki Y. Specific gene expression patterns of 108 schizophrenia-associated loci in cortex. *Schizophr Res.* 2016 174(1-3):35-8.
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