

# 研究業績

## I. 原著論文 (1971～)

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4. 昆虫変態物質の連続投与の高等動物におよぼす影響 (その2)  
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山國徹, 大泉康 応用薬理, 70, 35-39 (2006)
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  83. 陳皮の抗認知症成分 nobiletin の薬理作用とその機能性食品開発への応用  
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Nakajima, A., Ohizumi, Y. *International Journal of Molecular Sciences*, 20(14), 3380 (2019);  
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シーエムシー出版, 東京, 260-272 (2020)



### Ⅲ. 出願特許 (1980～)

1. 発明の名称：強心剤  
発明者：竹本常松，庄子昇，大泉康，成松明博  
出願番号：特願昭55-135376  
出願日：1980.9.29
2. 発明の名称：デオキシサルコフィン  
発明者：小林淳一，大泉康，中村英士，松崎尹雄  
出願番号：特願昭57-33432  
出願日：1982.3.3
3. 発明の名称：ノートカトール  
発明者：竹本常松，庄司昇，大泉康  
出願番号：特願昭57-46022  
出願日：1982.3.23
4. 発明の名称：血圧降下剤  
発明者：竹本常松，庄司昇，大泉康，中尾健一郎，戸部昭広  
出願番号：特願昭57-66719  
出願日：1982.4.21
5. 発明の名称：糖蛋白質  
発明者：小林淳一，阿部玲子，中村英士，大泉康，平田義正  
出願番号：特願昭57-107254  
出願日：1982.6.22
6. 発明の名称：ナフチリジン化合物  
発明者：中村英士，小林淳一，阿部玲子，大泉康  
出願番号：特願昭57-159358  
出願日：1982.9.13
7. 発明の名称：テルペン化合物  
発明者：中村英士，阿部玲子，室山晶子，小林淳一，大泉康  
出願番号：特願昭58-73347  
出願日：1983.4.26

8. 発明の名称：アルカロイド  
発明者：中村英士，阿部 玲子，小林淳一，大泉 康  
出願番号：特願 昭 58-106506  
出願日：1983.6.14
9. 発明の名称：テルペン化合物  
発明者：中村英士，阿部 玲子，大泉 康，小林 正紀  
出願番号：特願 昭 59-22608  
出願日：1984.2.9
10. 発明の名称：アデニン誘導体  
発明者：中村英士，阿部 玲子，大泉 康，小林 正紀  
出願番号：特願 昭 59-39430  
出願日：1984.3.1
11. 発明の名称：セスキテルペン化合物  
発明者：中村英士，阿部 玲子，大泉 康  
出願番号：特願 昭 59-48556  
出願日：1984.3.14
12. 発明の名称：強心剤  
発明者：大泉 康，室山晶子，竹本常松，庄子 昇  
出願番号：特願 昭 59-81615  
出願日：1984.4.23
13. 発明の名称：Na チャンネル解析試薬  
発明者：大泉 康，中村英士，蓑島 伸生，小林 正紀，高橋 正身  
出願番号：特願 昭 59-97070  
出願日：1984.5.15
14. 発明の名称：強心剤  
発明者：中村英士，大泉 康，小林 正紀  
出願番号：特願 昭 59-152628  
出願日：1984.7.23

15. 発明の名称：チロシン誘導体またはその塩  
発明者：中村英士，小林淳一，中村洋一，大泉 康  
出願番号：特願 昭 59-252491  
出願日：1984.11.29
  
16. 発明の名称：テルペン化合物  
発明者：小林淳一，中村英士，大泉 康  
出願番号：特願 昭 61-1868  
出願日：1986.1.8
  
17. 発明の名称：ピロール化合物  
発明者：小林淳一，中村英士，大泉 康  
出願番号：特願 昭 61-1869  
出願日：1986.1.8
  
18. 発明の名称：アルカロイド化合物  
発明者：小林淳一，中村英士，大泉 康  
出願番号：特願 昭 61-4677  
出願日：1986.1.13
  
19. 発明の名称：ピペリン系アルカロイド  
発明者：大泉 康，室山晶子，庄子 昇，竹本常松  
出願番号：特願 昭 61-21477  
出願日：1986.2.3
  
20. 発明の名称：冠血管拡張薬  
発明者：大泉 康，室山晶子，庄子 昇，竹本常松  
出願番号：特願 昭 61-21478  
出願日：1986.2.3
  
21. 発明の名称：ポリペプチド化合物  
発明者：中村英士，小林淳一，大泉 康  
出願番号：特願 昭 61-28330  
出願日：1986.2.12
  
22. 発明の名称：テルペン化合物

発 明 者：中村英士，小林淳一，大泉 康  
出 願 番 号：特願 昭 61-36217  
出 願 日：1986.2.20

23. 発明の名称：ピロール化合物  
発 明 者：小林淳一，中村英士，大泉 康  
出 願 番 号：特願 昭 61-83876  
出 願 日：1986.4.11

24. 発明の名称：ポリペプチド化合物  
発 明 者：中村英士，小林淳一，大泉 康  
出 願 番 号：特願 昭 61-173457  
出 願 日：1986.7.23

25. 発明の名称：ピペリジン化合物  
発 明 者：小林淳一，石橋正己，中村英士，大泉 康  
出 願 番 号：特願 昭 61-183210  
出 願 日：1986.8.4

26. 発明の名称：ジテルペン化合物  
発 明 者：中村英士，小林淳一，大泉 康  
出 願 番 号：特願 昭 61-196896  
出 願 日：1986.8.22

27. 発明の名称：アルカロイド化合物  
発 明 者：中村英士，小林淳一，大泉 康，松崎尹雄，朝武康子  
出 願 番 号：特願 昭 61-196897  
出 願 日：1986.8.22

28. 発明の名称：インドール誘導体  
発 明 者：小林淳一，大泉 康  
出 願 番 号：特願 昭 62-83899  
出 願 日：1987.4.7

29. 発明の名称：19員環マクロライド化合物  
発 明 者：小林淳一，石橋正己，大泉 康

出願番号：特願 昭 62-103132

出願日：1987.4.28

30. 発明の名称：含臭素アルカロイド  
発明者：小林淳一，大泉 康  
出願番号：特願 昭 62-144119  
出願日：1987.6.11
31. 発明の名称：4 環性アルカロイド  
発明者：小林淳一，大泉 康  
出願番号：特願 昭 62-288571  
出願日：1987.11.17
32. 発明の名称：トリテルペン  
発明者：小林淳一，大泉 康  
出願番号：特願 昭 62-321386  
出願日：1987.12.21
33. 発明の名称：テルペン化合物  
発明者：小林淳一，石橋正己，大泉 康  
出願番号：特願 昭 63-7479  
出願日：1988.1.19
34. 発明の名称：5 環性アルカロイド  
発明者：小林淳一，大泉 康  
出願番号：特願 昭 63-7480  
出願日：1988.1.19
35. 発明の名称：含臭素インドール  
発明者：小林淳一，石橋正己，大泉 康  
出願番号：特願 昭 63-21339  
出願日：1988.2.2
36. 発明の名称：含硫黄アルカロイド  
発明者：小林淳一，大泉 康  
出願番号：特願 昭 63-23739

出 願 日 : 1988.2.5

37. 発明の名称 : 7 環性アルカロイド  
発 明 者 : 小林淳一, 大泉 康  
出 願 番 号 : 特願 昭 63-83190  
出 願 日 : 1988.4.6
38. 発明の名称 : 24 員環マクロライド化合物  
発 明 者 : 小林淳一, 大泉 康  
出 願 番 号 : 特願 昭 63-190638  
出 願 日 : 1988.8.1
39. 発明の名称 : ジテルペン化合物  
発 明 者 : 小林淳一, 大泉 康, 松崎尹雄, 朝武康子  
出 願 番 号 : 特願 昭 63-306919  
出 願 日 : 1988.12.6
40. 発明の名称 : 環状パーオキシド化合物  
発 明 者 : 小林淳一, 村山哲也, 大泉 康  
出 願 番 号 : 特願 平 1-46499  
出 願 日 : 1989.3.1
41. 発明の名称 : ピリジンアルカロイド化合物  
発 明 者 : 小林淳一, 村山哲也, 大泉 康  
出 願 番 号 : 特願 平 1-149717  
出 願 日 : 1989.6.14
42. 発明の名称 : セスキテルペン化合物  
発 明 者 : 中村英士, 小林淳一, 大泉 康, 高松昌子  
出 願 番 号 : 特願 平 1-177199  
出 願 日 : 1989.7.11
43. 発明の名称 : 精神安定性素材及び食品  
発 明 者 : 大泉 康, 安田英之, 伊藤雅範, 滝田俊男  
出 願 番 号 : 特願 平 8-41804  
出 願 日 : 1996.2.28

44. 発明の名称：抗アレルギー剤  
発明者：大泉 康，古川賢一，ナッタヤー チャイランシーラート，  
太田富久，野幅重男  
出願番号：特願 平 8-229997  
出願日：1996.8.30
45. 発明の名称：シクロオキシゲナーゼ阻害剤及びこれを含有する飲食品  
発明者：大泉 康，荒川勉，大澤謙二，志村進  
出願番号：特願 平 12-235023  
出願日：2000.8.2
46. 発明の名称：抗うつ・抗ストレス剤及びそれを含有する組成物  
発明者：大泉 康，大澤謙二，荒川 勉  
出願番号：特願 平 13-336845  
出願日：2001.11.1
47. 発明の名称：プロスタグランジン E2 遊離抑制剤  
発明者：大泉 康，山國 徹，石黒京子  
出願番号：特願 平 15-157412  
出願日：2003.6.3
48. 発明の名称：神経変性疾患治療剤  
発明者：大泉 康，山國 徹，井戸達雄，只野 武，三卷祥治，指田 豊  
出願番号：特願 平 16-57552  
出願日：2004.3.2  
特許番号：450555号  
特許出願人：大泉 康，山國 徹，（有）カンズ研究開発  
登録日：2010.5.14
49. 発明の名称：IkB キナーゼ阻害剤  
発明者：大泉 康，山國 徹，荒川 勉，大澤謙二，志村 進  
出願番号：特願 平 16-114624  
出願日：2004.4.8
50. 発明の名称：学習記憶障害を改善する機能性食品  
発明者：大泉 康，山國 徹，田口 茂，只野 武，三卷祥治

出願番号：特願 平 17-252976

出願日：2005.9.1

51. 発明の名称：認知障害改善薬

発明者：山口喜久二，大泉 康，山國 徹，中島 晶，岩淵好治，渋谷正俊

出願番号：特願 2009-546611（国際特許出願番号 PCT/JP2009/060937）

出願日：2009.11.18

52. 発明の名称：学習・記憶障害および運動障害などを伴う中枢神経変性疾患を改善する乾燥植物組織および植物抽出物ならびにこれらを含む医薬品および食品

発明者：大泉 康，山國 徹，川畑 伊知郎，吉田 雅昭

特許番号：WO2011105568 A1

出願番号：PCT/JP2011/054358

出願日：2011.2.25

特許出願人：[小太郎漢方製薬株式会社](#)，[国立大学法人東北大学](#)

53. 発明の名称：ローヤルゼリーの抗認知症活性の増強剤

発明者：大泉 康，瀧戸 次郎，山口 喜久二，猪股 宏，太田 昌樹

特許番号：6201086

登録日：2017.9.1

出願番号：特願 2015-217639

出願日：2015.11.5

特許出願人：ジャパンローヤルゼリー(株)，東北大学

54. 発明の名称：医薬品組成物および食品

(1)国内特許

発明者：大泉 康，嘉島康二，丸山浩司，奥 直人，清水広介，木村純子

出願番号：特願 2016-109715

出願日：2016.6.1.

特許出願人：株式会社三協ホールディングス，大泉康，静岡県公立大学法人

55. 発明の名称：医薬組成物および食品

発明者：大泉 康，嘉島 康二，丸山 浩司

出願番号：特願 2016-109716



出 願 日 : 2016.6.1.

特 許 番 号 : 6238089

特許出願人 : 株式会社三協ホールディングス, 大泉康, 学校法人梅檀学園

登 録 日 : 2017.11.10

56. 発明の名称 : 医薬組成物および食品

発 明 者 : 大泉 康, 嘉島 康二, 丸山 浩司

出 願 番 号 : 特願 2016-109717

出 願 日 : 2016.6.1

特許出願人 : 株式会社三協ホールディングス, 大泉康, 学校法人梅檀学園

57. 発明の名称 : 医薬組成物および食品

発 明 者 : 大泉 康, 嘉島 康二, 丸山 浩司, 石橋 正巳

出 願 番 号 : 特願 2016-109718

出 願 日 : 2016.6.1

特許出願人 : 株式会社三協ホールディングス, 大泉 康, 学校法人梅檀学園

58. 発明の名称 : スクリーニング方法

発 明 者 : 大泉 康, 嘉島康二

出 願 番 号 : PCT / JP2017 / 042339

出 願 日 : 2017.11.27

特許出願人 : 大泉

#### IV. 論説・解説・対談 (1988～)

1. 研究室から“海産生理活性物質の生命科学領域への応用”  
大泉康, 小林淳一 ファルマシア, 24, 887-890 (1988)
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