

### A Chronological Table of Research History of Shinichi Kondo

**Bold:** Compounds for clinical or veterinary use. *Italic:* Compounds found in Meiji Seika. AG: Aminoglycoside.

Year	New natural product	Structure determination	Synthesis	AG-modifying enzyme	Public- ation	Patent applic.
1953						1
1954						1/2
1955					1	1/3
1956	Pluramycin				1/2	1/4
1957	<b>Kanamycin</b>				2/4	2/6
1958	Alboverticillin	Kanamycin, Sarkomycin dimers			6/10	
1959					3/13	
1960					1/14	2/8
1961	<i>A-59 (Siomycin)</i> <i>Bandamycin (Megacidin)</i>				4/18	3/11
1962	<i>Bundlin A (Lankacidin C)</i> <i>Bundlin B (Lankacidin A)</i> <i>Bandamycin B (Chalcomycin)</i>				4/22	1/12
1963	<i>Cranomycin (7-Deoxypactamycin)</i>				3/25	3/15
1964	<i>Leuceptin</i>				4/29	3/18
1965	<b><i>Destomycin A, B</i></b>				5/34	1/19
1966	<i>Ericamycin</i>	<i>Destomycin A (gross)</i>			3/37	1/20
1967				<i>E.coli</i> : AAC(6'), APH(3')	5/42	1/21
1968	Oryzoxymycin		6',3"-Di-N-methylkanamycin	<i>P.aeruginosa</i> : APH(3')	7/49	2/23
1969	Leupeptins	Leupeptins	Leupeptins		5/54	3/26

1970	Negamycin Neopluramycin Deoxynybomycin	Aquayamycin Deoxynybomycin			4/58	
1971	Leucylnegamycin Cyclamidomycin (Pyracrimycin A)	Negamycin Leucylnegamycin Cyclamidomycin	Leupeptin analogs	<i>E.coli</i> : AAD(2'')	7/65	3/29
1972	Requinomycin Dopastin	Dopastin	Negamycin Lividomycin deriv.	<i>P.aeruginosa</i> , <i>E.coli</i> : APH(5'') <i>P.aeruginosa</i> : AAC(6')	11/76	3/32
1973			Dopastin <b>Arbekacin</b>	<i>E.coli</i> : AAC(3)	5/81	7/39
1974	Minosaminomycin Amiclenomycin	Oryzoxymycin Coformycin, Amiclenomycin	Coformycin Kanamycin deriv.		9/90	5/44
1975	<i>Destomycin C</i>	<i>Destomycin A, B, C</i> Minosaminomycin	Kanamycin deriv.		11/101	2/46
1976	Neothramycin A, B		Negamycin analogs Lividomycin deriv.		8/109	9/55
1977	3-epi-Deoxynegamycin Leucyl-3-epi-deoxynegamycin MC696-SY2-A (MM4550) MC696-SY2-B	Neothramycin A, B Pluramycin A Neopluramycin MC696-SY2-A	Neothramycin A, B Minosaminomycin Kanamycin C deriv.	<i>B.circulans</i> : APH(3')	9/118	1/56
1978		Esterastin		<i>S.aureus</i> : APH(2'')	5/123	3/59
1979	Clazamycin A, B, 2-Hydroxy-5- iminoaza-cyclopent-3-ene Istamycin A, B, Bactobolin	Clazamycin A, B, 2-Hydroxy-5- iminoaza-cyclopent-3-ene Istamycin A, B, Bactobolin	Isocoformycin Istamycin A Dibekacin deriv.		11/134	9/69

1980			Kanamycin deriv. Istamycin deriv.	<i>Erwinia carotovora:</i> APH(3'')	5/139	12/81
1981	Spergualin Dotriacolide Dihydrodotriacolide	Spergualin Dotriacolide, Dihydrodotriacolide	Spergualin Kanamycin deriv.		11/150	13/94
1982	Formimidoylistamycin A, B	Ebelactone A, B Formimidoylistamycin A, B	<b>15-Deoxyspergualin</b> Amikacin deriv.		11/161	10/104
1983	3,6-Dihydroxyindoxazene Decilorubicin	3,6-Dihydroxyindoxazene	Istamycin deriv. Kanamycin deriv.		7/168	3/107
1984	Indolizomycin	Decilorubicin Indolizomycin	Amikacin deriv. Dibekacin deriv.		5/173	4/111
1985	Dihydrostreptomycin-group Destomycin-group Streptomycin-group	Dihydrostreptomycin-group Destomycin-group Streptomycin-group			6/179	8/119
1986	Bellenamine (D-β-Lysyl-methanediamine)	Bellenamine	Bellenamine Podophyllotoxin deriv.		8/187	11/130
1987	Formimidoylsporaricin A	Formimidoylsporaricin A			5/192	23/153
1988	Benanomicin A, B <i>Sibanomicin</i> <i>Pyrindamycin A, B</i>	Benanomicin A, B <i>Sibanomicin</i> <i>Pyrindamycin A, B</i>	Siastatin B <i>Oxacephalosporin deriv.</i>		11/203	21/174
1989	<i>Ankinomycin</i>	<i>Ankinomycin</i>	Oral cephalosporin deriv.		10/213	6/180
1990	<i>SF2487</i>	<i>SF2487</i>	<i>Cephalosporin deriv.</i> Cephalosporin deriv.		14/227	8/188
1991	Benanomicin minors	Benanomicin minors			11/238	5/193

1992	SF2575	SF2575	Siastatin B deriv. Benanomicin A analogs Cephalosporin deriv.		20/258	4/197
1993			Arbekacin 2''-amino deriv.	MRSA: APH(2'')/AAC(6')	6/264	1/198
1994			Bellenamine deriv.		7/271	2/200
1995	Naphthablin	Naphthablin			2/273	5/205
1996			Bellenamine homologs	<i>Streptomyces</i> : AAC(2')	13/286	1/206
1997	Akaterpin	Akaterpin			11/297	2/208
1998	Polyoxypeptin A	Polyoxypeptin A		<i>Streptomyces</i> : AAC(3'')	7/304	
1999	Polyoxypeptin B	Polyoxypeptin B Ericamycin		<i>Streptomyces</i> : AAC(1), AAC(6)	5/309	
2000	Chloptosin Furcreastatin	Chloptosin Furcreastatin			5/314	