

**Description for Datacard 02: Biological Science**  
**Total Names for This Data Card: 229697**

**Publisher's Introduction**

This base includes individuals primarily engaged in biological applications: researchers, biochemists, chemical engineers, doctors, scientists and professors who are involved in physical biological research and development. They are employed at establishments primarily engaged in research.

**Biotechnology Protein Science** – individuals in the research of living organisms, including food and drink manufacturing. It includes the modification of nuclear DNA using genetic engineering techniques, which has also been applied to change the structure of organisms in crops & plants and recycle waste in order to protect the environment.

**Cell Development** – individual researchers involved in the basic structure of living organisms.

**Ecological Environment** – individual researchers involved with the relationship between living organisms and their natural environment, including the relationship with each other.

**Genetic Molecular Biology** – individual geneticists involved in the scientific study of heredity and mechanisms whereby characteristics are transmitted from one generation to the next including the research into genetic engineering, DNA, RNA, biotechnology in changing gene structure, influencing reproductive growth for the production of insulin and harvesting protein, genetic finger printing, analysis of DNA body tissues such as blood, saliva or semen in order to establish origins.

**Clinical Chemistry Researchers** – involved in clinical studies of a medical background and involved in biochemical research.

**Endocrinology** – scientific researchers studying endocrine glands which produce and secrete hormones and their chemical reactions that occur within the cells of a living organ.

**Immunology** – research immunologists involved in the scientific study of resistance to and protect against infection, medicine or drugs.

**Plant Science** – researchers involved in any living organism belonging to the kingdom Plantae producing carbohydrates, the study of human and animal dependence, the issue of environmental protection and the use of plantae in drugs, vitamins and other supportive agents.

**Neurology** – researchers involved in medicine concerned with the study of the structure, functions, diseases and disorders of the central nervous system, brain, spinal cord and their genetic development.

The analytical researchers, doctors, professors, scientists and their particular speciality are listed in the work area SIC classification of this datacard.

**Selection Available** – SIC, work place, work type, establishment size, gender, income, geographical by country or postcode, telephone, fax, email.

**Source of Data** – journal against source response, campaigns, goneaways, new names checked and suppressed against the Frankform ANDS system. Users are fully covered by our guaranteed and EC Data Protection Licence

<b>SIC</b>		<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
69010	Biology	52703	25013	6876	3960
69020	Molecular Biology	9992	6044	4536	3605
69030	Bio Technology	21532	8131	4927	1677
69040	DNA & Genetics	5586	3123	1633	713
69050	Immunology	4417	1833	953	229
69060	Child Development Medical Neurology	10795	4214	1615	229
69070	Physiology	11176	6776	2392	297
69080	Anatomy	5506	3258	2136	426
69090	Protein Science	8671	5975	4247	96
69105	RNA	9038	3576	1750	383
69110	Biophysics	7690	3658	2000	321
69120	Nutrition	15087	5481	3433	246
69130	Human Genetics	1370	1168	910	578
69140	Genetic Research	12203	9197	4893	730
69150	Epidemiology of Infection	2891	1336	636	62
69160	Rhology	2768	1825	1139	16
69170	Pharmaceutical Research	2497	2279	1487	1905
69180	Zoology	883	368	142	33
69190	Embriology, Cell & Development	7084	4518	1764	971
69205	Bio Organic Compounds	1201	238	141	128
69210	Animal Bio Development	2404	1122	364	30
69220	Agriherbicides & Fertilisers	703	400	277	3
69230	Agrifungicides & Bactericide	19138	2722	1143	33
69750	Biological Suppliers	12914	5391	2651	167
69950	Biology Science	1402	1624	1378	1355
69999	Analytical Bio Control	46	48	37	9
		229697	109318	53460	18202

WorkType	Postal	Tel	Fax	Email
Administration Staff	5789	5186	2140	65
Analyst	281	112	15	3
Author/Editor/Publisher	157	149	43	5
Biochemist	5346	1986	668	444
Biologist	1753	1874	1662	2149
Chemist	17163	7152	74	18
Clinical Chemist	2541	177	31	20
Commercial/Bus Develop Manager/Director	221	197	160	20
Communications Director/Manager	88	36	28	6
Community Health/Welfare Officer	4	1	1	0
Company Secretary	826	650	497	40
Computer Analyst	20	3	1	0
Computer Manager/Director	139	77	18	4
Consultant	1499	922	511	314
DP Manager/Director	108	77	12	3
Dentist	12896	800	27	12
Developers	57	17	12	3
Doctor Med	37332	13635	3026	1207
Educator, Lecturer, Reader	6334	2032	870	658
Engineer	4551	708	323	27
Finance Dir/Controller	955	895	669	51
Fleet Manager/Director	135	136	131	8
Haematologist	569	514	5	8
IS Manager/Director	69	58	13	0
IT Manager/Director	8755	1123	155	36
Laboratory Manager	2407	1631	315	243
Laboratory Technician	1167	639	246	182
Legal Executives	16	15	12	5
Marketing/Sales Dir/Mgr	2553	1967	1650	31
Matron, Senior Nurse, Nursing Staff	1074	168	65	28
Microbiologist / Molecular	6149	5306	3984	4017
Network Planners/Integrators	6	3	0	0
Operations Director/Manager	161	86	66	9
Pathologist	1815	1413	128	94
Personnel Manager	387	321	158	7
Pharmacist	2578	2263	335	213
President, Chairman, Dir, Mgr	37288	28450	20454	2989
Product/Brand Manager	1	1	0	1
Production/Works Dir/Mgr	1051	851	779	7
Professor	7809	9136	7510	507
Programmer	55	6	2	2
Projects Manager/Director	181	103	91	46
Purchasing Dir/Mgr	969	639	264	30
Quality Controller	6511	993	78	13
R & D Dir/Mgr	3812	687	103	26
Researcher	29348	7909	3413	2544
Scientist	4890	2403	1947	1642
Senior Executives & Professionals	4641	1763	51	10
Services Manager	46	41	30	11
Software Engineer	12	2	2	2
Surgeon	1743	1005	294	76
Systems Manager/Engineer	66	28	8	3
Technician, Technical Manager/Director	1184	522	365	210
Training Manager	1	1	0	1

Unknown Job Title	147	6	0	0
Veterinary Surgeon	4041	2443	18	152
	229697	109318	53460	18202

Africa	Postal	Tel	Fax	Email
Algeria	39	13	12	0
Angola	2	1	1	0
Benin	1	1	1	0
Botswana	16	16	13	0
Burkina Faso	2	2	2	0
Cameroon	2	2	2	0
Cape Verde	1	1	1	0
Central African Rep	1	1	1	0
Chad	1	1	1	0
Comoro Islands	1	1	1	0
Congo	2	2	2	0
Djibouti	1	1	1	0
Egypt	494	211	66	6
Equatorial Guinea	1	1	1	0
Ethiopia	35	24	15	0
Gabon	1	1	1	0
Ghana	30	25	23	1
Guinea Republic	1	1	1	0
Guinea-Bissau	1	1	1	0
Ivory Coast	1	1	1	0
Kenya	138	110	49	1
Lesotho	1	1	1	0
Liberia	2	1	1	0
Libya	25	4	3	0
Madagascar	2	2	2	1
Malawi	2	2	1	0
Mali	4	3	3	0
Mauritania	1	1	1	0
Mauritius	2	2	2	1
Morocco	122	120	119	78
Mozambique	2	2	2	0
Namibia	4	4	1	0
Niger	1	1	1	0
Nigeria	229	416	82	3
Rwanda	1	1	1	0
Sao Tome Principe	1	1	1	0
Senegal	1	2	2	1
Seychelles	1	1	1	0
Sierra Leone	1	1	1	0
Somalia	1	1	1	0
South Africa	3081	1806	1353	19
Sudan	119	51	2	0
Swaziland	7	6	5	0
Tanzania	31	25	20	0
The Gambia	1	1	1	0
Togo	1	1	1	0
Tunisia	14	13	3	0
Uganda	58	54	10	0
Zaire	1	1	1	0
Zambia	83	66	44	0
Zimbabwe	101	52	28	1
	4671	3059	1890	112

Australasia				
	Postal	Tel	Fax	Email
Australia	12035	4877	3962	418
Fiji	13	8	1	0
Kiribati	1	1	1	0
New Zealand	766	562	309	57
Papua New Guinea	15	14	14	0
Solomon Islands	1	1	1	0
Tonga	1	1	1	0
Vanuatu	1	1	1	0
Western Samoa	1	1	1	0
	12834	5466	4291	475

Eastern Europe				
	Postal	Tel	Fax	Email
Albania	2	2	2	0
Armenia	5	1	1	0
Azerbaijan	1	1	1	0
Belarus	4	2	2	1
Bosnia	7	7	6	0
Bulgaria	173	67	50	2
Croatia	26	12	12	8
Czech Republic	438	106	103	6
Estonia	38	2	2	1
Georgia	3	1	1	0
Hungary	634	66	48	6
Kazakhstan	1	1	1	0
Kyrgyzstan	6	1	1	0
Latvia	23	1	1	0
Lithuania	7	1	1	0
Macedonia	1	1	1	1
Moldova	1	1	1	0
Poland	1276	666	263	8
Romania	201	5	1	2
Russia	157	6	2	2
Slovak Republic	43	4	3	0
Slovenia	12	8	8	4
Tajikistan	1	1	1	0
Turkey	551	112	25	5
Turkmenia	1	1	1	0
Ukraine	15	2	2	1
Uzbekistan	4	2	2	0
Yugoslavia	186	8	3	1
	3817	1088	545	48

Far East	Postal	Tel	Fax	Email
Bangladesh	301	295	3	1
Bhutan	1	1	1	0
Brunei	0	2	3	3
Cambodia	1	1	1	0
China	1999	1991	1696	35
Hong Kong	124	89	64	10
India	1527	966	949	738
Indonesia	98	91	75	4
Japan	4048	1685	1379	601
Korea	1623	1587	1222	239
Laos	1	1	1	0
Malaysia	1837	1877	1393	107
Maldives Republic	1	1	1	0
Mongolia	1	1	1	0
Myanmar	11	6	1	0
Nepal	18	18	7	1
Philippines	40	15	8	1
Singapore	488	460	424	39
Sri Lanka	274	302	121	1
Taiwan	860	838	766	56
Thailand	112	103	72	8
Vietnam	1	1	1	0
	13366	10331	8189	1844

Middle East	Postal	Tel	Fax	Email
Afghanistan	2	2	1	0
Bahrain	68	30	27	0
Iran	258	221	205	0
Iraq	38	8	5	0
Israel	1911	1546	1266	13
Jordan	1565	99	88	27
Kuwait	764	13	7	1
Lebanon	40	32	18	0
Oman	786	8	3	0
Pakistan	174	94	59	0
Qatar	111	13	13	0
Saudi Arabia	6033	197	118	1
Syria	2528	63	51	0
United Arab Emirates	1503	8	4	0
Yemen	569	12	5	0
	16350	2346	1870	42

North America				
	Postal	Tel	Fax	Email
Bahamas	2	2	1	0
Barbados	2	1	1	0
Bermuda	4	1	0	0
Canada	6179	3597	3213	539
Dominican Republic	12	12	12	1
Haiti	3	3	1	0
Jamaica	4	3	2	0
Martinique	2	3	0	0
Puerto Rico	189	195	124	26
Trinidad & Tobago	2	2	1	1
US Virgin Islands	1	1	0	0
USA	19754	17377	5721	5602
	26154	21197	9076	6169

South America				
	Postal	Tel	Fax	Email
Argentina	1092	788	102	29
Belize	4	4	3	2
Bolivia	52	38	11	7
Brazil	1606	1205	711	90
Chile	481	352	247	2
Colombia	283	204	165	101
Costa Rica	34	27	21	14
Cuba	11	6	2	0
Ecuador	42	22	14	0
El Salvador	106	97	51	0
Guatemala	138	109	39	2
Guyana	21	13	7	1
Honduras	71	55	29	19
Mexico	1262	880	248	89
Nicaragua	22	16	15	0
Panama	250	246	77	4
Paraguay	11	11	5	1
Peru	122	59	34	2
Suriname	1	2	2	1
Uruguay	237	180	39	0
Venezuela	310	155	95	10
	6156	4469	1917	374

Western Europe	Postal	Tel	Fax	Email
Austria	2225	1305	694	136
Belgium	8096	2187	692	78
Cyprus	20	11	4	0
Denmark	1921	566	310	199
Finland	988	326	185	58
France	19166	7229	1662	372
Germany	25010	11978	4373	1513
Gibraltar	1	0	0	0
Greece	326	104	97	28
Iceland	23	2	2	2
Ireland	1209	558	501	290
Italy	11472	3457	1365	456
Liechtenstein	2	0	0	0
Luxembourg	42	29	19	0
Malta	6	16	14	0
Norway	570	438	329	103
Portugal	834	164	127	30
Spain	1736	486	443	198
Sweden	4235	3280	607	190
Switzerland	4938	2134	404	53
The Netherlands	10071	3806	434	373
UK	53458	23286	13420	5059
	146349	61362	25682	9138