

Jane MacDougall PhD née SEFTONULLMER

Since 2007	CEO	
	IP Research Consulting SASU	Noisy-le-Grand
Professional Experience	2005-2006 IP Research Consulting SASU	Noisy-le-Grand
	Business Development Officer	
	<ul style="list-style-type: none">▪ Creation of R&D projects in proteomics▪ Development of medical and academic research projects▪ Managing the medical side of research projects▪ National and European fund management	
	2002-2004	Proligo SAS
	Head of Technical and After Sales Services	Paris
	<ul style="list-style-type: none">▪ Management of a team of 12▪ Creation of a new commercial service▪ Coordination of the project to change the invoicing system	
	2001-2002	Qbiogene SA
	Global Project Manager	Strasbourg
	<ul style="list-style-type: none">▪ Overall responsibility for the product range "Qbiogene Molecular Biology"▪ Management of the marketing team▪ Collaboration with the R&D to introduce and test new products▪ Responsible for the launch, marketing and positioning of products in all major markets▪ Editor of Company's catalogues and website	
	2000-2001	Qbiogene SA
	International Product Manager	Strasbourg
	<ul style="list-style-type: none">▪ Management of product lines in molecular biology, biochemistry and transfection▪ Coordinated product development▪ Coordinated European marketing▪ Scientific contact point for the company's investors▪ Coordinated the intellectual property portfolio	
	1998-2000	Quantum Appligene
	Product Manager	Paris/Strasbourg
	<ul style="list-style-type: none">▪ Management of the molecular biology product line▪ Coordinated the merger of the product lines after the acquisition of Appligene▪ Product training for the French Sales Force	
	1998	ARTEM, Servier
	Medical editor	Courbevoire
	<ul style="list-style-type: none">▪ Creation of promotional and scientific materials▪ Creation and production of promotional tools	

Education 1981 University of Surrey 1987 University of London

**BSc (Hons) 2(i) in Nutrition
Microbiology**

PhD Medical

with Dietetics

Languages English mother tongue

Fluent French

Hobbies Equitation, ski, reading

Scientific Training

Post-doctoral

Date	Institute	Project
1995-1998	Institut de Biologie Physico-Chimique, Paris	Termination of translation in <i>Escherichia coli</i>
1991-1994	Institut Pasteur, Paris	Genetic manipulation of the <i>Spirochaetales</i>
1986-1991	Royal College of Surgeons, London	Using genetic tools in molecular biology to explore the spirochaetes bacteria.

Pre-doctoral

Date	Institute	Titre du projet
1983-1987	Central Public Health Laboratory, London	Study of <i>Pseudomonas aeruginosa</i> in adult cystic fibrosis patients. (PhD thesis)
1981-1982	Middlesex Hospital, London	The immunological basis for food allergy

Scientific Publications

Heurgue-Hamard V, Karimi R, Mora L, **MacDougall J**, Leboeuf C, Grentzmann G, Ehrenberg M, Buckingham RH.

Ribosome release factor RF4 and termination factor RF3 are involved in dissociation of peptidyl-tRNA from the ribosome. EMBO J. 1998 Feb 2;17(3):808-16.

Holst-Hansen P, Kildsgaard J, **MacDougall J**, Palacios Moreno JM, Egebjerg J, Mortensen KK, Sperling-Petersen HU.

Immunochemical determination of the cellular content of polypeptide chain release factor RF3 in *Escherichia coli*. Biochimie. 1997 Dec;79(12):725-9.

Pavlov MY, Freistroffer DV, **MacDougall J**, Buckingham RH, Ehrenberg M.

Fast recycling of *Escherichia coli* ribosomes requires both ribosome recycling factor (RRF) and release factor RF3.

EMBO J. 1997 Jul 1;16(13):4134-41. Erratum in: EMBO J 1997 Sep 1;16(17):5480.

Freistroffer DV, Pavlov MY, **MacDougall J**, Buckingham RH, Ehrenberg M.

Release factor RF3 in *E. coli* accelerates the dissociation of release factors RF1 and RF2 from the ribosome in a GTP-dependent manner.

EMBO J. 1997 Jul 1;16(13):4126-33.

MacDougall J, Holst-Hansen P, Mortensen KK, Freistroffer DV, Pavlov MY, Ehrenberg M, Buckingham RH.

Purification of active *Escherichia coli* ribosome recycling factor (RRF) from an osmo-regulated expression system. Biochimie. 1997 May;79(5):243-6.

MacDougall J, Saint Girons I.

Physical map of the *Treponema denticola* circular chromosome. J Bacteriol. 1995 Apr;177(7):1805-11.

Old IG, **MacDougall J**, Saint Girons I, Davidson BE.

Mapping of genes on the linear chromosome of the bacterium *Borrelia burgdorferi*: possible locations for its origin of replication.

FEMS Microbiol Lett. 1992 Dec 1;78(2-3):245-50.

Bergstrom S, Garon CF, Barbour AG, **MacDougall J**.

Extrachromosomal elements of spirochetes. Res Microbiol. 1992 Jul-Aug;143(6):623-8. Review

Davidson BE, **MacDougall J**, Saint Girons I.

Physical map of the linear chromosome of the bacterium *Borrelia burgdorferi*

212, a causative agent of Lyme disease, and localization of rRNA genes. J Bacteriol. 1992

Jun;174(11):3766-74

MacDougall J, Margarita D, Saint Girons I.

Homology of a plasmid from the spirochete *Treponema denticola* with the single-stranded DNA plasmids. J

Bacteriol. 1992 Apr;174(8):2724-8

MacDougall JH, Beighton D, Russell RR.

Cloning and expression of protease genes from *Treponema denticola* in *Escherichia coli*.

Oral Microbiol Immunol. 1991 Oct;6(5):270-4.

Ivic A, **MacDougall J**, Russell RR, Penn CW.

Isolation and characterization of a plasmid from *Treponema denticola*.

FEMS Microbiol Lett. 1991 Mar 1;62(2-3):189-93.

MacDougall J, Hodson ME, Pitt TL.

Antibody response of fibrocystic patients to homologous 0-typable and 0-defective isolates of *Pseudomonas aeruginosa*. J Clin Pathol. 1990 Jul;43(7):567-71.

Cockayne A, Sanger R, Ivic A, Strugnell RA, **MacDougall JH**, Russell RR, Penn CW.

Antigenic and structural analysis of *Treponema denticola*. J Gen Microbiol. 1989 Dec;135(12):3209-18.

Pitt TL, **MacDougall J**, Penketh AR, Cooke EM.

Polyagglutinating and non-typable strains of *Pseudomonas aeruginosa* in cystic fibrosis. J Med Microbiol.

1986 Mar;21(2):179-86.

Fonseca K, **MacDougall J**, Pitt TL.

Inhibition of *Pseudomonas aeruginosa* from cystic fibrosis by selective media.

J Clin Pathol. 1986 Feb;39(2):220-2.