



Scientific collaborations between French and British research laboratories which have produced coauthored publications in 1984

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LES COOPERATIONS SCIENTIFIQUES FRA-GBR

Ayant produit des publications en 1984

SCIENTIFIC COLLABORATIONS BETWEEN FRENCH AND BRITISH RESEARCH LABORATORIES

Which have produced coauthored publications in
1984

by: *Dominique Martin-Rovet and Judith Roca Terry*

676441

*ANALYSE PREPARATOIRE DE L'ENSEMBLE DES
COOPERATIONS FRA/GBR:
PAR VILLE ET LABORATOIRE BRITANNIQUES
PAR VILLE ET LABORATOIRE FRANCAIS
PAR DOMAINE SCIENTIFIQUE*

*TENTATIVE ANALYSIS OF THE SCIENTIFIC
COLLABORATIONS FRA/GBR BY:
BRITISH CITY AND LAB.
FRENCH CITY AND LAB
AND BY SCIENTIFIC FIELD*

INTRODUCTION

Il s'agit d'une tentative de description et d'identification des éléments constitutifs des coopérations scientifiques bi- et multilatérales entre la France (FRA) et la Grande Bretagne (GBR) à partir d'une base bibliographique.

C'est ici un extrait "France-Monde" de la base Computer Horizon Inc., traitement de Science Citation Index, pour l'année 1984. Cette base donne en effet les laboratoires auxquels sont affiliés les co-auteurs des publications. Nous avons développé une méthodologie d'analyse documentaire qui aboutit à la détermination de la structure de la coopération, telle que nous la définissons au CNRS dans les bases BADIN et MEV : autour d'un *thème de recherche commun*, d'un *domaine* scientifique donné, les *auteurs* (chercheurs coopérants) et leur *formation* (laboratoires coopérants) *française(s)* et *étrangère(s)* ici GBR, ont produit (n) *publications*.

Ce travail part de la nécessité de lier le concept de coopération scientifique internationale avec toutes les activités scientifiques internationales qu'il comporte et en particulier la mobilité des chercheurs.

INTRODUCTION

This is an attempt to describe and identify the elements which constitute the scientific collaboration between two or more countries, here France (FRA) and the United Kingdom (GBR), and this from a bibliographic data base.

Here we use an extract "France-World-1984" from the data base Computer Horizon Inc., which is a treatment of Science Citation Index. This data base gives the co-authors and their affiliated laboratories. We have developed a methodology of documentary analysis which leads to the cooperation as we describe it in the international data bases of the CNRS, BADIN and MEV : around a common *collaborative project*, which belongs to a defined *scientific field*, the authors (collaborating researchers), their laboratories (collaborating laboratories) from France and other countries (GBR), have produced (n) *publications*.

The motivation of this study is mainly the necessity to link the concept of international scientific cooperation to all the international scientific activities involved, particularly the mobility of the scientists.

METHODOLOGIE POUR L'ANALYSE BIBLIOOMETRIQUE DES
COOPERATIONS SCIENTIFIQUES FRA/GBR

Livre de Consultation:

Comp. Horizons Inc.

Extrait pour le LEPI-CNRS des publications cosignées
entre la France et le monde en 1984
(1984 French Foreign coauthored papers
2 vol.)

I ETAPE

a. Recherche des laboratoires coopérants
FRA/GBR:

- par nom de ville
- par nom de laboratoire
- par domaine scientifique
- par nom du premier auteur FRA et GBR
- par nom du journal
- par titre de la publication
- Volume, page et date

Afin de faciliter la recherche, nous avons numéroté
manuellement chaque laboratoire de chaque ville GBR,
totalisant approximativement 454 lab. GBR et 510 lab.
FRA.

b. Recherche des publications en coopération
FRA/GBR

- Elimination des publications identiques:
ce tri effectué, nous sommes arrivé à un total
approximatifde 401 publications en coopération
GBR/FRA.

II ETAPE

a. Commande des publications:

Afin de vérifier et de compléter les noms des auteurs
et des laboratoires coopérants GBR/FRA, nous avons
procédé à la commande des photocopies des articles
publiés en coopération.

Nous avons sélectionné les laboratoires des villes britanniques, les plus représentatives qui coopèrent avec la France: Londres, Cambridge et Oxford. Le recours au document primaire a été nécessaire.

III ETAPE

a. Représentation graphique des coopérations GBR/FRA en 1984

Nous avons fait un tableau pour la GBR, classé par villes britanniques et dans chaque ville:

- Lab. GBR
- Auteur (premier) GBR
- Ville FRA
- Lab. FRA
- Auteurs français
- Autres Laboratoires
- Domaine thématique

Logiciel utilisé: Excel, version réactualisée (1989) sur Macintosh SE

IV ETAPE FINALE

a. Pour réaliser cette étape nous avons pris en compte le concept de projet de collaboration : " Un groupe de laboratoires de pays différents collaborant sur un thème de recherche commun."

.Une fois extraite l'information des publications (III étape) nous avons décidé de donner la priorité aux villes GBR:Cambridge, Londres et Oxford, afin d' analyser et élaborer le graphique final de coopération.

. Chaque tableau est classé de la façon suivante:

- par codes thématiques:
BIO= Biologie; BIM= Biologie médicale; CLI
Médecine; CHM= Chimie; ENT= Ingénierie; MAT=
Mathématiques PHY=Physique; EAS= Terre,
espace.

- Nombre de coopérations
- Adresse du laboratoire GBR
- Auteur GBR
- Lab. FRA
- Auteur FRA
- Nombre de publications
- Dans le cas des autres laboratoires coopérants, nous avons utilisé le code ISO du pays avec le nombre de laboratoires entre parenthèse.
- La mention "EN ATTENTE" signifie que l'analyse du document primaire est en cours.

b. Classement et archivage des publications par villes et domaines

- Nombre de coopérations
- Adresse du laboratoire GBR
- Auteur GBR
- Lab. FRA
- Auteur FRA
- Nombre de publications
- Dans le cas des autres laboratoires coopérants, nous avons utilisé le code ISO du pays avec le nombre de laboratoires entre parenthèse.
- La mention "EN ATTENTE" signifie que l'analyse du document primaire est en cours.

b. Classement et archivage des publications par villes et domaines

METHODOLOGY OF THE BIBLIOOMETRIC ANALYSIS OF
THE SCIENTIFIC COLLABORATION BETWEEN
FRANCE AND GREAT BRITAIN

Bibliography source:

Computer Horizon Inc.

Extraction for the LEPI-CNRS of the coauthored publications between France and the world in 1984.

I STAGE

a. Search of the French and British laboratories in cooperation, according by:

- British cities and French cities
- Name of the laboratory
- Scientific field
- Name of the 1st. author
- Name of the journal
- Title of the publication
- Volume, page, date

Each laboratory of each British city has been given a number. There are 454 British lab. and 510 French lab. in the base of this year. (1984)

b. Search of the publications done in cooperation between French and British laboratories

Elimination of identical papers and redundancies.
After this sorting 401 publications are found.

II STAGE

a. Order of publications

The name of each author, and its affiliated laboratory in France and Great Britain has been verified and completed on the first page of the articles themselves.

This has been done for the most representative British cities: London, Oxford and Cambridge which represent 60% of the total cooperation between France and Great Britain.

250 xerox copies have been ordered at the CNRS documentation center INIST (previously CDST).

III STAGE

a. Graphic representation of the scientific cooperation between France and Great Britain in 1984.

Tables have been drawn for Great Britain with a classification by British cities in alphabetic order and for each:

- British lab.
- First author*
- French city
- French lab.
- French author*
- Other lab.*
- Scientific fields

This has been performed with the software Excel (1989) on MACINTOSH SE

IV STAGE

We have considered the concept of international collaborating project: "A group of laboratories from different countries in collaboration on a common research project".

The information has been extracted from the publications (III stage) for London, Oxford and Cambridge. It has been analysed to elaborate the graphs representing the core of the collaboration project the number of lab. being concerned, their origin and the production of these cooperations in 1984 (number of publications).

Other graphs have been drawn, showing the participation of cities and regions of each country.

The scientific fields shown are: BIO= Biology; BIM= Biomedicine; CLI=Clinical Medicine; CHM= Chemistry; ENT= Engineering and Technology; MAT= Mathematics; PHY= Physics; EAS= Earth and Space.

In the tables are displayed for the 3 main British cities:

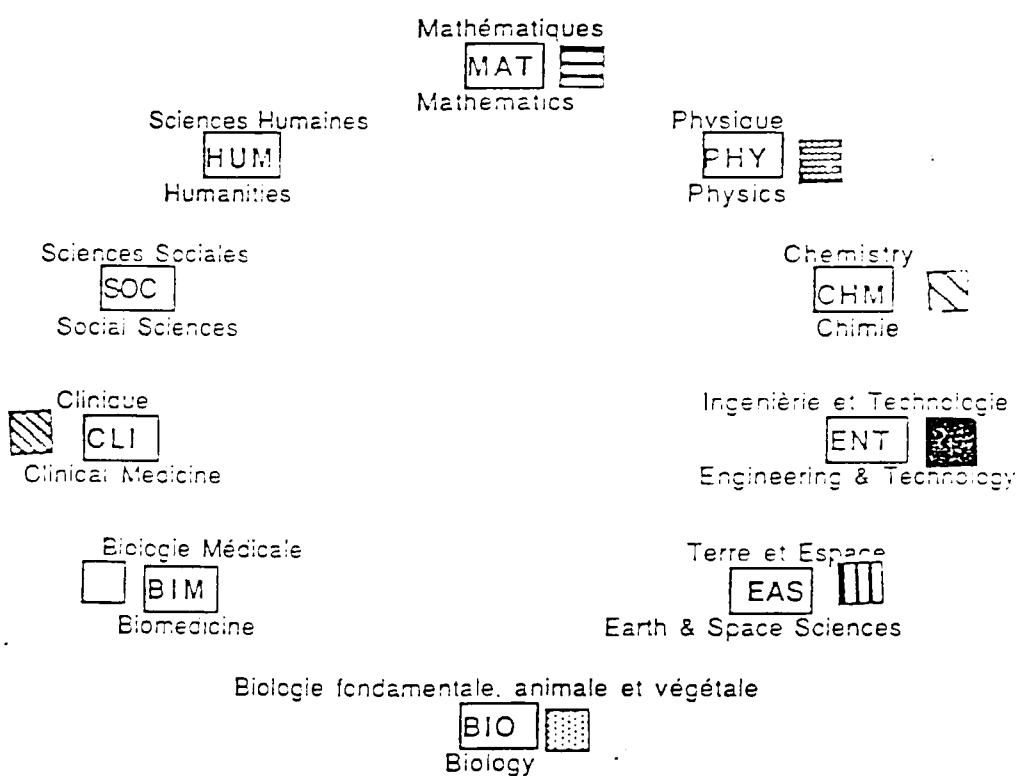
- The number of collaborative projects
- The number of publications
- Identification of British lab.
- 1st. British author
- Identification of French lab.
- 1st. French author
- For the collaborating labs. of other countries we have used the ISO abbreviation of their countries of origin and shown the number of lab. of each country.

In the cases which are not yet well defined , we mention the french expression "EN ATTENTE".

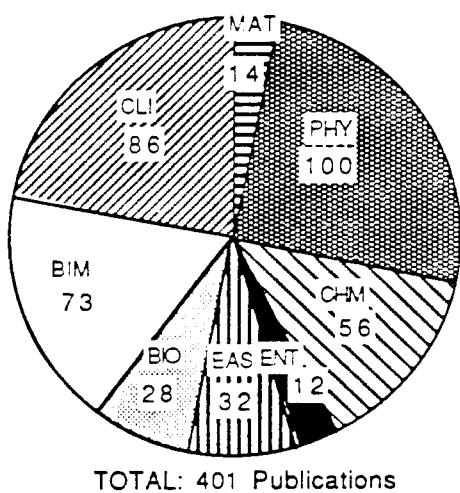
* Only for London, Oxford and Cambridge "1st. British author" "1st. French author", "Other lab." are shown.

CLASSIFICATION DES DOMAINES SCIENTIFIQUES

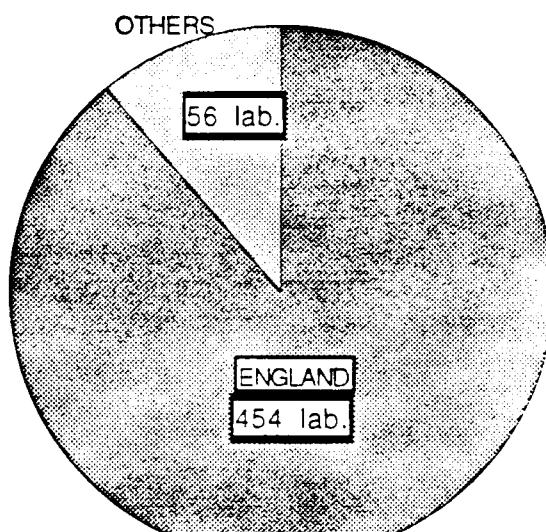
CLASSIFICATION OF SCIENTIFIC FIELDS



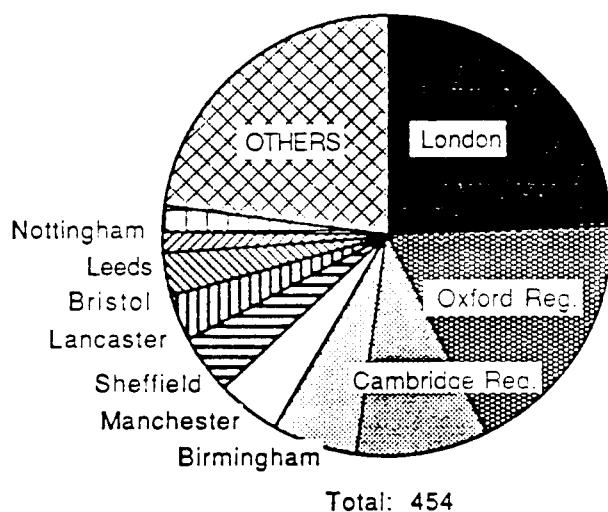
**CO-AUTHORED PUBLICATIONS BETWEEN FRANCE AND
BRITISH LABORATORIES IN 1984**



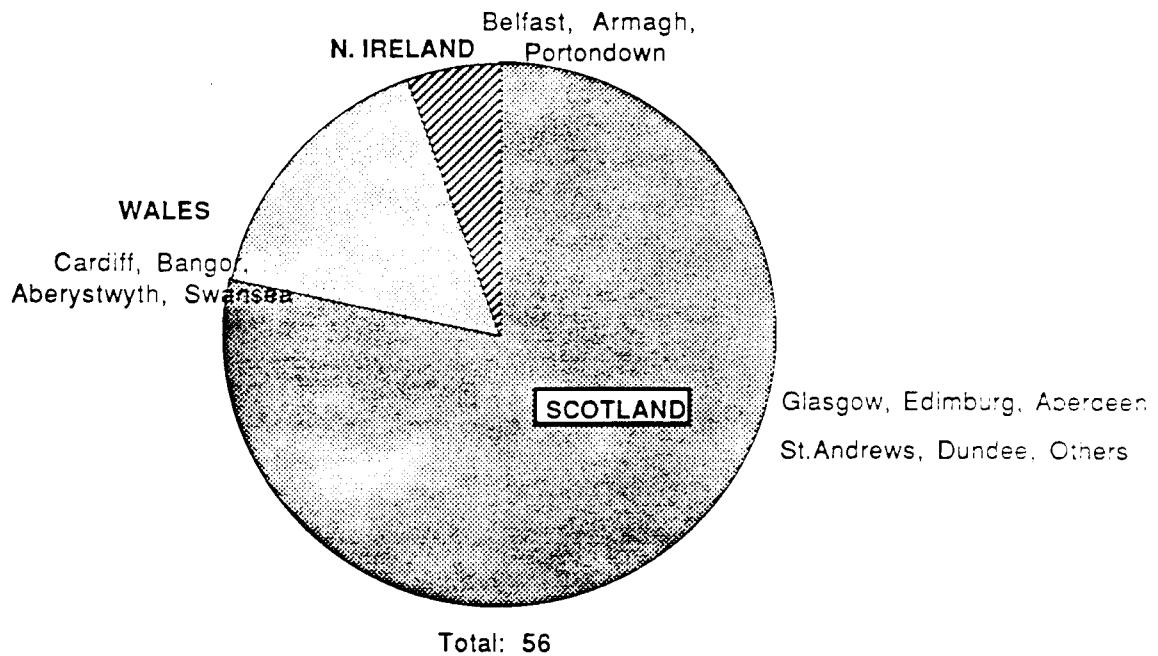
**PARTICIPATIONS OF BRITISH REGIONS TO
COOPERATIONS WITH FRANCE IN 1984**



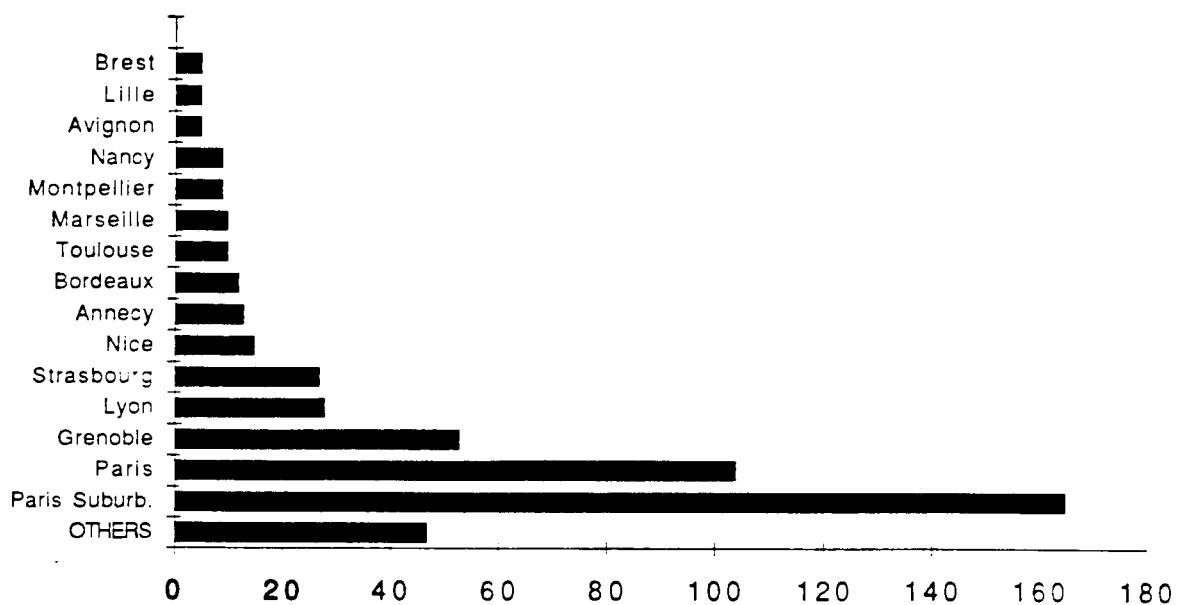
**PARTICIPATION OF LABORATORIES OF ENGLAND TO THE
COOPERATION OF GREAT BRITAIN WITH FRANCE**



**PARTICIPATION OF LABORATORIES OF BRITISH REGIONS EXCEPT
ENGLAND TO THE COOPERATIONS IN FRANCE IN 1984**



PARTICIPATION OF FRENCH CITIES TO THE CO-AUTHORSHIPS WITH GREAT BRITAIN IN 1984



Lepi-CNRS (MEV macro 1984)

SURBITON	Maff/Tolworth Lab	Bender K	CNRS/CTR Select&Ev Anim L	Orlean	CLI
SUTTON	Royal Marsden Hosp/Histop Royal Marsden Hosp/Ludwig	Thomas JA Blaincau C	Fac Med Alexis Carrel Hop Cochin/Inserm/Immu I. Pasteur/Immunogenet H	Lyon 2 Paris Paris	CLI CLI CLI
SWANSEA	U. Wales Coll Swansea/Roy	Brenton AG	U. Paris 11/CNRS 034241	Orsay	PHY
SWINDON	Royal Mil Coll Sci/Coll Chen	Barnes JH	Sante Armee/CTR Rech/R	Clamar	CLI
TEDDINGTON	Nall Phys Lab	Reher D Reinisch R	Metrol Rayonnements Ionis Cen Grenoble CTR ST Jerome/Sci&Tech E. Nall Super Ing Elect Gren U. Sci&Med Grenob/Spectr	Gif Sur Grenob Marsei St Mar St Mar	CLI PHY PHY PHY PHY
THAMES DITTON	Milk MKT Board Eng&Wales	Dommerho J	INRA/Genet Anim	Nice	CLI
WARRINGTON	Sci&E R Council/Daresbury	Dudley M	U.Paris 11/Phys Sol Lab U.Paris 11/Lure Lab	Orsay -	PHY PHY
WEYBRIDGE	Maff/Cent Vet Lab	Vanknape F	Lab Cent Rech Vet	Maisons Alfort	CLI
YORK	U./Phys U./Math	Wedeken U Hall RR	CTR Nall E Telecommun U. Nancy1/UER Sci Math	Issy M Vandoe	TES MAT

Lepi-CNRS (MEV macro 1984)

SHEFFIELD	U U./Electr& Ele U U./Ceram Glasse	Aubert JJ Arvidson A Albanese JP Eaves L Atkinson M (6) Feldman PD Brett NH Strawbri I	LAPP U. Aix Marseille2 LAPP LAPP U. Aix Marseille2 Lab Accelerateur Linealre CNRS/Natl Champs Intenses I.Natl Sci Appl Lyon/Phys S U. Paris 06 CNRS/Aeron U. Dijon I. Max Von Laue Paul Langev U. Montpe 2/CNRS/Verres L	Annecy Marsel Annecy Annecy Marsel Orsay Grenob Toulou Paris Verrie Dijon Grenob Montpe	PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY TES INT INT INT
SITTINGBOURNE	Shell Res Ltd	Shires SW	Agrishell	Lyon	BIO
SOUTHALL	Ealing Hosp	Oliveira DB	U. Hosp Limoges	Limoges	CLI
SOUTHAMPTON	MRC/Env Epidemiol Unit U./Chem U./Phys U./Electr	Saracci R Jones DJ Counsell CR Paul DM Defford F	Int Agcy Res Canc/Epidemiol Int Agcy Res Canc/Biostat U. Montpe 2/Acides Minera U.PAris 11/Phys Sol Lab I. Max Von Laue Paul Langev U. Limoges/Microondes Lab	Lyon Lyon 2 Montpe Orsay Grenob Limoge	CLI CLI CHM PHY INT INT
ST ANDREWS	U./Psychol U./Appl Math	Garrud P Heyvaert J	U.Paris 13/Ethnol&Sociobio Obs Paris/DAPHE/Lab173	Villet Meudon	CLI TES
STEVENAGE	Lister Hosp	Stanley NN	IRIS	Neully Sur	CLI

Lepi-CNRS (MEV macro 1984)

PRESTON	Polytech/Sch Elect&Ele	Webster PJ	I. Max Von Laue Paul Langev	Grenob	PHY
READING	Europ CTR Med Range Wealhe U./Agr & Hort U./Natl I. REs Dairy	Sommeria G Hocking PM Kornisarc S	CTR Natl Etud Telecom INRA INRA/CTR Natl Rech Zool/R	Issy Jouy E Jouy E	TES BIO BIO
REDHILL	Philips Res Labs	Clegg JB	Labs Electr&Phys Appl Thomson CSF	Limeil Orsay	CHM CHM
ROSLIN	Agr&Food R Council/Poultry ARC/Anim Breeding R Org	Sterling RJ Hocherea MT	Inserm/33 U.Paris Sud/Med/Hormones INRA/Physiol Reprod Stn	Bicetr - Nouzil	CLI CLI CLI
ROYSTON	Johnson Matthey Chem Ltd	Cecchi G	U. Alx Marseille 3/Chim	Marsei	CHM
SALFORD	U./Chem& Appl Ch U./Civil Eng	Barnes AJ Webster PJ	U. Bretagne Occid/Thermo I. Max Von Laue Paul Langev Lab Chim Phys I. Max Von Laue Paul Langev	Brest Grenob Lille Grenob	CHM CHM CHM PHY
SANDWICH	Pfizer Ltd/Cent Res/Toxicol	Chvedoff M	Labs Pfizer/CTR R	Ambois	CLI
SHEFFIELD	City Polytech/Che U./Sch Med/Nucl U./Biochem U./Physiol	Boutique JP Kanis JA Perkins SJ Angel A	U Pau/Phys Ch Mol Lab/CNR Alexis Carrel/Inserm/23 Cen/Biol Mol&Cellul Lab Rech Fondamentale Grenob U. Grenob1/CNRS/ERA695 Fac Med Nord/CNRS	Pau Lyon Grenob - - Marsei	CHM CLI BIM BIM BIM BIM

Lepi-CNRS (MEV macro 1984)

OXFORD	U./Clarendon Lab/Parks U./Phys Chem Lab U./Theoret Phys U U./Zool/Molec Biophys Lab	Portal JC Chambaud G Verges J Ferre J Aguilarb M Antonucc E Perkins SJ	CNRS/Natl Champs Intenses Thomson CSF/Cent Res Lab I.Natl Sci Appl/Phys Sol E.Normale Super Jeunes F CNRS/Alme Cotton Lab U.Lyon 1/Spectrometrie Ion U.Paris 11/Phys Sol Lab Coll France U.Paris 06/Phys Nucl&H CTR Rech Nucl U.Strasburg 1 Observ Paris Observ Nice U. Grenob 1/CNRS/ERA Rech Fondamentale Grenob Cen/Biol Molec&Cellul Lab	Grenob Orsay Toulou Montrouge 92 Orsay Villeu - Paris - Strasb Strasb Meudon Nice Grenob Grenob	PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY TES TES BIM BIM
PAISLEY	Coll Technol/Chem	Averbeck D Bensasso RV	Hosp Henri Mondor I. Curie/Biol Sect Mus Natl Hist Nat/Biophy L	Cretei Paris Paris	CLI CLI BIM
PLYMOUTH	Marine Biol Assoc/La	Trueman ER Poulet SA	STN Zool CTR Etud Ocean&Biol Marine	Villef Roscof	BIO BIO
POOLE	Admirally Mar Technol Est	Clegg JB	Labs Electr&Phys Appl Thomson CSF	Limeil Orsay	CHM CHM
PORT SUNLIGHT	Unilever Res	Highfiel RR	I. Max Von Laue Paul Langev	Grenob	CHM
PORTON DOWN	PHLS CTR Appl Microb&Res	Ackerman HW	I. Pasteur/Enterobacterie	Paris	BIM

Lepi-CNRS (MEV macro 1984)

OXFORD	U./Inorgan Chem Lab U./Phys Chem Lab U./John Radcliffe Hosp U./Nuffield/Clin M U./Sir William Dunn Sch U./Nuffield Lab Opthal U./Expll Psychol U./Biochem/Mrc/Imm U./Biochem/Genet L U./Pharmacol U./Met&Sci Mat U./Clarendon Lab	Fitch An	I.Max Von Laue Paul Langev	Grenob	CHM	
		Dareedwa MP	Lab Phys Solides/CNRS	Meudon	CHM	
		Effantin C	CNRS 11/Lab Aime Cotton	Orsay	PHY	
		Barrow RF	U.Lyon 1	Villeu	PHY	
		Wells CA	CNRS 2/Aime Cotton Lab	Orsay	PHY	
		Warrell MJ	U.Lyon 1	Villeu	PHY	
		Osborne NN	Hop Ed Herriot/Inserm/480	Lyon 8	CLI	
		Garrud P	I. Merieux	Lyon	CLI	
		Fontaine M	I. Biol Phys Chim	-	CLI	
		Powell JF	U.Paris 13/Ethnol&Sociobio	Paris	CLI	
U	U./Phys Chem Lab U./Inorgan Chem U./Clarendon Lab/Parks	Angel A	Inserm/U78/Rech Genet Pr	Villet	CLI	
		Bres EF	CNRS/Neurobiol/Cellul/Lab	Bois-G	BIM	
		Nicholas RJ	Med Nord/CNRS	Gif Su	BIM	
		Nicholas RJ (2)	Uer Odontol/Inserm/Rech	Marsei	BIM	
		Hightfield RR	CNRS/SNCI	Strasb	BIM	
		Linton C	I. Natl Sci Appl/Phys Sol	Grenob	CHM	
		Aubert JJ	Thomas Csf/Cent Rech Lab	Toulou	CHM	
		Arvidson A	I. Max Von Laue Paul Langev	Orsay	PHY	
		Albanese JP	U. Lille 1/Uer Phys F	Grenob	CHM	
		Day P	LAPP	Villen	CHM	
Lyon			U.Aix Marseille 2	Annecy	PHY	
			LAPP	Marsei	PHY	
			U. Aix Marseille 2	Annecy	PHY	
			Lab Accelerateur Lineaire	-	PHY	
			Cen/Rech Fondamentale/Dif	Marsei	PHY	
			I.Max Von Laue Paul Langev	Orsay	PHY	
			CNRS/Natl Champs Intenses	Grenob	PHY	
			Thomson CSF/Cent Res Lab	-	PHY	
			I.Natl Sci Appl/Phys Sol	Grenob	PHY	
				Orsay	PHY	

Lepi-CNRS (MEV macro 1984)

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MANCHESTER	Christie Hosp&Holt Radium	Averbeck D Casaslin JR Moore TA Margison GP Bensasso RV	Hosp Henri Mondor I.Curie/Biol Sect Mus. Natl Hist/CNRS/ERA Cens/Biol Cens/Phys Chim/CNRS/Lab Mus Natl Hist Nat/Biophys L Int Agcy Res Canc CTR Mecan Ondulatoire Appl Mus Natl Hist Nat/Biophys L Mus Natl Hist Nat/CNRS/ERA Mus Natl Hist Nat/Biophys L U.Clermont Ferrand 2/Pholo	Cretei Paris - Gif Su - Paris Lyon Paris - Aubier Paris Villef Gif Su - Nice Strasb	CLI CLI CLI BIM BIM BIM BIM BIM BIM CHM CHM CLI BIO CHM CHM CHM CHM
	Polytech/John Dalton	Brault D Allen NS Feger J Trueman ER Koulkesp AM	U.Paris 06/Physiol Lab Stn Zool Cens/Phys Chim/CNRS/Lab Ecole Polytech/Chim TH/SY	Aubier Paris Villef Gif Su - Nice Strasb	CHM CHM CLI BIO CHM CHM CHM CHM
	U./Sch Med/Ana		U.Nice CNRS/CTR Rech Macromolec		
	U./Zool				
	U				
	U./Chem	Candau F			
	U./Theoret Phy	Owen JC	Cens/Phys Theor	Gif Su	PHY
	U	Atkinson M (5)	U.Paris 06	Paris	PHY
	U./Astron	Adams S	Observ Pic Midi Observ Toulouse	Bagner	TES
	U./Geol	Brown WL	CNRS/ERA U.Nancy 1/Petr&Geochim L	- Meudon	TES
	U./I.Sci & Techn	Arnold J Wilkie AJ	Insead/MKT U.Paris 07	Vandoe Fontainebleau Paris	TES INT MAT
MILTON KEYNES	Hoechst Ltd/Drug Metab/P	Stevens LA	CTR Rech Roussel Uclaf Explorat Functionnelles Sys	Romain	CLI
	Meat&Livestock Commiss	Maijala K	Minist Agr	Strasbourg	CLI
	Open U.	Schlager W	U.Lyon 1	Paris Villeu	BIO TES

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LONDON	U./Westfield Coll U./Queen Mary Coll U.Coll U./Imperial Coll Sci U.Coll U.Coll/Phys U./Imperial Coll Sci U./Kings Coll/Math U.Coll/Mullard Sp U./Westfield Coll U./Queen Mary Coll U.Coll/Phys U./Imperial Coll Sci U.Coll/Chem U.Coll/Phys U./Imperial Coll Sci	Gauron P Parker MA Marage P (2) Moreels J Marage P Howe PS Brinkman AC Gauron P Marage P Malar SF (2) Adams S Andrews J	I.Phys Nucl/Phys Theor E.Polytech/LPNHE E. Normale Super/Phys Theo European Space Agcy U.Pierre&Marie Curie/Phys Cens/DPHPE CNRS/Chim Solide Lab Observ Pic Midi Observ Toulouse CTR Oceanol Bret/Rech Ge CTR Oceanol Bret/CTR Nall E U.Bretagne Occidentale Observ Paris Observ Paris/Astrophys S Observ Paris/Astrophys F I. Astrophys Observ Paris Int Agcy Res Canc/Biostat U.Paris/ERA I. Math Appl Grenoble CNRS/I.Biol Molec&Cellul	Orsay - Palais - - Palais Paris Paris Paris Paris Paris Paris Paris Saclay - Talenc Bagner - Brest - - Meudon - - Paris - Lyon Orsay St Mar Strasb	PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY PHY TES TES TES TES TES TES TES MAT MAT MAT BIM
LOUGHBOROUGH	U. Tech/P	Clegg JB	Labs Electr&Phys Appl Thomson CSF	Limeil Orsay	CHM CHM

Lepi-CNRS (MEV macro 1984)

Lepi-CNRS (MEV macro 1984)

Lepi-CNRS (MEV macro 1984)

LONDON	I. Child Hlth/Haemalol I. Child Hlth/ICRF Oncol Lab I. Child Hlth/Haemalol I. Psychiat/Neurol/Cre Kennedy I. Rheumatol/B G	Treleave JG Nokes TJC Angel A Perkins SJ	CTR Leon Berard Hop Bichat/I. Pathol Cellul Fac Med Nord/CNRS Cen/Biol Mol&Cellul Lab Rech Fondamentale Grenoble U.Grenoble 1/CNRS/ERA695	Lyon 2 Lyon 2 Paris Marsei Grenob Grenob Grenob	BIM CLI CLI BIM BIM BIM BIM
	Middlesex Hosp/Sch M/Imm	Youinou PY Scherbau WA	Chu Brest/Immunol Lab U.Hosp Brest/Sch Med/Rhe	Brest Brest	CLI CLI
	Middlesex Hosp/Sch M/Cour	Chapman MJ	Hop Pittie/Inserm/9/Lipo Hop St Antoine/Biochi Lab Hop Pitie/Lipoprot/Ins/9	Paris - Paris	CLI CLI CLI
	Mullard Space Sci Lab	Forgez P Bleeker J Rocchia R	Cens/Astrophys	Gif Su	BIM PHY
	Nall I. Med Res	Harrison RV Valotair Y Darcytri F	Hop Pellegrin/Ins/229/Aud U. Rennes 1/Bioch Gen Lab Fac Med Strasb/Virol Lab	Bordea Rennes Strasb	PHY CLI BIM
	OHS Postgrad Med Sch	Lopez E	Fac Med Strasb/Ins/74/Re CNRS/Endocrinol Comp Lab I. Pasteur/Immunohematol Mus Nall Hist Nat/Phys Gen	Strasb Paris - -	BIM CLI CLI CLI
	Queen Charlott Matern H/Ins	Morgan BM	Merrel Dow Res I.	Strasb	CLI
	Royal Canc Hosp/I. Canc Res	Rouet P	E.Normal Super/Chim Coord	Paris	BIM
	Royal Coll Surg England	Wedderburn N	I. R.Sci Canc/Pathol Cellul	Villej	CLI
	Royal Coll Surg England/Bio	Lagarde M	Fac Med Alexis Carrel	Lyon 2	BIM
	Royal Free Hosp/Sch M/Phy	Morinsur MP	I. Pasteur/Alexis Carrel/I	Lyon 2	CLI
	Royal Free Hosp/Sch M	Nokes TJC	CNRS/Neurophys Appl/Phys	Gif Su	CLI
	Bartholomews Hosp/Cardio	Debbas NMG	Hop Bichat/I.Pathol Cellul	Paris	CLI
	Bartholomews Hosp/Exp	Sheng YG	Cli St Eloi/Cardiol B	Montpe	CLI
			Hop Cochin/Pharmac/CNRS	Paris	CLI
			Hop Paul Brousse/I.Cancer	Villej	CLI

Lepi-CNRS (MEV macro 1984)

LONDON	Biorex Labs Ltd Oil Int Ltd British Mus Nat Hist/Zoo British Mus Nat Hist/Min British Petr Overseas Brompton Hosp/I.Cardioth Cent Publ Hlth Labs Cent Publ Hlth Labs/Microb	Michalsk JC Cray D Brown DS Imbertes D Solern A Manning DAC Shacklet NJ Busquet J Wedderbu N Orslavik I	U. Lille 1/Chim Biol Lab Soc Francaise Petr Lab Parasitol/PR M Lariv U.Perpignan/Biol Anim Lab Biol Invert. Marins CTR R. Petrog&Geochem U. Paris 11/Geoch Roches S U. Bordeaux 2/Hop Card/Ch Fac Med Alexis Carrel Hop Troussseau/Microbiol La	Villen Paris Paris Perplig Paris Vandoe Orsay Bordea Lyon 2 Paris		BIM INT BIM BIM BIO TES BIM CLI CLI CLI
	City London Polylech U./Chem	Clegg JB Vaccher C	Labs ElecIr&Phys Appl Thomson CSF E.NII Super Chim Lille/Chim	Llmeil Orsay Villen		CHM CHM CHM
	Guys Hosp/Sch Med/Pathol Guys Hosp/Pediat Neurol Hamersmith Hosp/Royal P Hamersmith Hosp Hamersmith Hosp/Hematol Hamersmith Hosp/Endocrine	Bogomole WV Levin S Oliveira DB Amery A Gluckman E Lopez E	U. Lille 1/Chim Org Lab Hop Beaujon/Anal&Cytol Pa I. Jean Godinot/Anat Pathol L Hop Enfants Malad U. Hosp Limoges Hop Broc Hop St Louis/CTR Hayen/B M CNRS/Endocr Lab 90/Physio I. Pasteur U. Louis Pasteur/I.Phys/Aco	- Clichy Reims Clichy Limoges Paris Paris Paris Paris Paris		CHM CLI CLI CLI CLI CLI CLI CLI CLI BIM
	Hamersmith Hosp/Royal P Hosp Sick Children Hop Sick Children/Haematol Imperial Canc Res Fund Imperial Coll/Pure&Appl B	Leeman S Nokes TJC Macclouf J Chambon M Telfer A	Hop Bichat/I.Pathol Cellul Hop Lariboissiere/Ins/15 Fac Med Montp/Histol Lab Inserm/148/Endocrinol Cel Cens/Biol/Biophys	Strasb Paris Paris Monipe -		BIM PHY CLI CLI CLI CLI CLI BIM
				Gif Su		

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LEICESTER	U./Biochm/Join U./Sch Med/Micr	Kelley KA Seeliger HP	I.Curie/Biol Sect I.Pasteur/Ecol Bacterie I.Pasteur/Inserm/Enter	Orsay Paris	BIM BIM
	U./Sch Biol Sci U./Sch Biol Sci	Christe KO Holloway JH (2)	I.Pasteur/Ecole Bacterie Cens	-	BIM
	U./Chem	Brinkman AC	Cens/Phys Chim Cens/Astrophys	Gif Su Gif Su	BIM CHM
	U./Xray Astrom Grp	Binns C Bleeker J	European Space Agcy E.Natl Super Chim/Phy Ch S	Gif Su Paris Paris	PHY PHY PHY
	U./Phys U		Cens/Astrophys	Gif Su	PHY
LITTLEHAMPTON	Glasshouse Crops Res I.	Burges HD	I. Pasteur	Paris	BIO
	Glasshouse Crops Res I/W	Latge JP Hall RA	I. Pasteur/Lutte Biol Co INRA/Rech Pathol Comparee	Paris St Chr	BIO BIO
					BIO
LIVERPOOL	SCH Trop Med U./Biochem U./Organ Chem U	Warrell MJ Charpent C Aubert JJ Arvidson A Albanese JP Albanese JP (2) Aguilarb M Dupain Y	I. Merieux Hop Bicetre/Biochim Lab LAPP U. Aix Marseille 2 Lab Accelerateur Lineaire Coll France U. Strasbourg 1 U. Bordeaux 1/Math & Infor	Lyon Kremli - Annecy - - Marsei Orsay Paris Strasb Talenc	CLI CLI CLI PHY PHY PHY PHY PHY PHY PHY MAT
	U./Math				

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HATFIELD	Royal Vet Coll/Med	Giles CJ	Royal Vet Coll/Pathol	London	CLI
HULL	U./Wolfson Inst U./Chem U./Phys U./Chem U./Appl Phys	Strosser MT Billard J Davies JJ Richards RM Drillat A	U.Strasb 1/I.Physiol Coll France Cen/Rech Fondament./Reson I.Max Von Laue Paul Langev U.Sci&Med Grenob/CNRS/La	Strasb Paris Grenob Grenob Grenob	CLI CHM PHY PHY INT
IPSWICH	British Telecom Res Labs	Wyncoll J	E.Natl SUper Electr&Radioe	Grenob	INT
LANCASTER	U./Biol Sci U	Bounias M Bounias M (5) Aubert JJ Arvidson A Albanese JP Atkinson M (5)	U.Grenoble 1/I. MATH Appl G INRA Avignon/Biochem Lab LAPP U.Aix Marseille 2 LAPP U.Aix Marseille 2 Lab Accelerateur Lineaire U.Paris 06	Grenob Montfa Annecy Marsei Annecy Marsei Orsay Paris	BIM BIM PHY PHY PHY PHY PHY PHY
LEEDS	I. Geol Sci U./Anim Physiol U./Pathol U./Leed Gen Infirm U./Sch CChem U./Astbury/Biophys U./Earth Sci U./Sch Chem U./Pure Math	Shacklet NJ Barlet JP Sinha D Paton RC Bezer M Chanzy HD Dorbath L Bataille M Joseph A	U.Paris 11/Geochim Roch S INRA Theix Fac Med Nice/Inserm Hop St Louis/Diabet &Metab U. Lille 1/Chim Macromol L CNRS/CTR R. Macromol Veg IPG/CNRS/LGESP ORSTOM U.Lille 1 U.Paris 06/Math	Orsay Beaumo Nice Paris Villen St Mar Parls Paris Villen Paris	BIM CLI CLI CLI BIM BIO CHM CHM CHM MAT

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GREENFORD	Glaxo GRP Res Ltd	Leroy A	U. Rouen/Hosp Charles Nico	Rouen	CLI
GUILDFORD	U.Surrey/Chem U.Surrey/Phys U.Surrey/Electr&Electr	Bremond M Dunstan DJ Wyncoll J	U.Catholique Ouest/IRFA U. Nantes Thomson CSF/C.Res Lab E.Natl Super Electr&Radioe	Angers Nantes Orsay Grenob	CHM CHM PHY INT
HAILSHAM	Royal Greenwich Observ	Ulrich MH	Observ Paris	Meudon	TES
HARPENDEN	Rothamsted Exp.Stn/Insect Rothamsted Exp.Stn/Bioche Rothamsted Exp Stn/Plant Rothamsted Exp Stn/Bioche Rothamsted Exp Stn/Soil Sv	Laufer J Vanloon LC McKeague JA Callot G	U. Angers/UER M./Phys Lab Procida R. Uclaf/Lab St Mar I.Tabac INRA/Ameliorat Plantes Stn INRA/Sci Sol Lab/PI Viala Ecole Ntl Super Agron INRA/Sci Sol Lab/PI Viala	Angers Marsel Berger Dijon Montpe -	BIO BIO BIO BIO BIO BIO BIO BIO CHM CHM
HARROW	Clin Res CTR/MRC/Radioiso Clin Res CTR/HPNS GRP/W Clin Res CTR/Commun Disor MRC/Clin Res CTR	Arlot M Angel A Loomes LM Warrell MJ	Fac Alexis Carrel/Inserm Fac Med Nord/CNRS U.Sci&Tech Lille 1/Chim Bio I. Merieux	Lyon Marsel Villeneuve Lyon	CLI BIM BIM CLI
HARWELL	Aere Aere/Amersham Int Ltd/Duc Aere/Chem Aere/Mat Dev Ukaea/Chem	Rylz A Dutreix A Che M Bishop He Holloway JH	Bur Int Poids&Mes./Pavillon Chu Henri Mondor/Radiother I. Gustave Roussy U.Paris 06/Chim Sol.Lab/C Cens/Physicochim Cens/Physicochim	Sevres Creteil Villej Paris Saclay Gif Su	PHY CLI CLI CHM CHM CHM

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GLASGOW	Beatson I./Garscure /Swi Beatson I. Canc Res British Nall Oil Corp	Anderson ML Ostertag W Bertrand JM	M.Cohin Port Royal/Inserm Hop Paul Brousse/I.Cancer. U.Montpell. 2/CTR Geol&Ge CTR Rech Petro&Geochem I.Gustave Roussy Assoc.Scie Soc Toxicol I.Embryol U.Nantes/Spectrochim Mol U.Nice/Chim Phys Organ La	Paris Villej Montpe Vandoe Villej Paris Nogent Nantes Nice	BIM BIM BIO BIO CLI CLI BIM CHM CHM
	Ruchill Hosp/Scot.Canc sur U. U./Zool U./Chem	Lubin JH (2) Faccini JM Gumpelpi M Laurence C			
	U./Nat Philosophy U	Narbour IM Behrend HJ (3) Behrend HJ (2)	LAPP Cens	Annecy Gif Su	PHY PHY
	U./Nat Philosophy U	Phan TN Atkinson M (5)	Lab Accelerateur Lineaire Lab Phys Nucl&H.Energies E.Polytech/CTR Phys Th/CN	Orsay Paris	PHY PHY
	U./Nat Philosophy U.Strathclyde/Electr&E Victoria Geriatr Unit	Baubilli M Chalmers ID Amery A	U.Paris 06 U.Paris 06/LPNHE U.Pau Adour/IURS/Elect Lab Hop Broc	Palais Paris Paris Pau Paris	PHY PHY PHY INT CLI
	Inst Oceanog Sci	Morris Vanney JR	STN Zool CNRS/Carlog Themat Lab U.Paris 06/Geol Dynam U.Paris 04/I.Geog U.Pierre&Marie Curie/Cero	Villef Paris -	BIO CHM CHM
		Mougenot D	U.Paris 04/I.Geog U.Paris 06/Geol Dynam U.Paris 06/Geodyn. s.mari	Villef Paris -	CHM CHM TES
				Villef	TES
					TES

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DIDCOT	Rutherford&Appl.Lab/Astrop	Ulrich MH	Observ Paris	Meudon	TES
DUNDEE	Scottish Crop Res Inst	Fritisch C	I.Biolol Mol&Cellulaire	Strasb	BIM
DURHAM	U./Bot U./CHM/Sci Labs	Richards M (2) Boyce BA	Fac Sci Pharm.Toulouse/Bot U.Strasbourg 1/Inst Le Bel	Toulou Strasb	BIM CHM
EDIMBURGH	ARC/Anim Breeding Res Org ARC/Stat Unit U./Geol Heriot Wat U./Pharm Heriot Wat U./Math I.Geol Sci/Geomagnetism U. U./Mol Biol U./Sch Med/Bact U./Chem U./Phys U	Dommerho J Hocherea MT Graham CM Selkirk SM Ball JM Wedeken U Bucheton A Winstanl FP Vaccher C Sheka EF Hagen M Hsu KJ	INRA/Genet Anim INRA/Physiol Reprod STN CTR R Petro&Geochem/CNRS Council Europ/Eur Pharma U.Paris 06/Anal Numer Lab CTR Nall E.Telem/CTR Rec U.Clermont Ferrand/Gen&Bi I.Pasteur/Ecol Bacterie E.Natl Super Ch. Lille/Chim U.Lille 1/Chim Org Lab I.Max Von Laue Paul Langev Geol Inst	Jouy E Nouzil Vandou Strasb Paris Issy Aubier Paris Villen - Grenob Strasb	BIO CLI TES CHM MATH TES BIM BIM CHM CHM PHY PHY TES
EPSON	Biosi Res CTR	Pauli G	CNRS/CTR Calcul/Unite Stat U.Strasbourg 1/Med/Pneum.	Strasb -	CLI CLI
EXETER	U./Geol	Shacklet NJ	U.Paris 11/Geoch. Roches S	Orsay	BIM
FARNBOROUGH	RAFT/I. Aviat Med	Vonbaumg R	CNRS/Physiol Neurosens. La	Paris	BIM
FARHAM	Forestry Com./Res Stn	Gibbs JN	CTR Nall Rech Forestieres	Nancy	BIO

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DIDCOT		Marage P (2)	E.Polytech/Lab Phys Nucl H	Palais	PHY
		Arnison G (7)	Cens	Saclay	PHY
		Chase RL		Gif Su	PHY
		Parker MA	U.Paris 11/Accelerateur Li.	Orsay	PHY
		Azzoz F	Cens	Gif Su	PHY
		Cooper AM	Cens/Phys Part.Elemen	-	PHY
		Moreels J	Cens/DPHPE	Gif Su	PHY
		Pendlebu JM	Ecole Polytech/LPNHE	Palais	PHY
		Richards RM	I.Max Von Laue Paul Langev	Grenob	PHY
		Heckel B	I.Max Von Laue Paul Langev	Grenob	PHY
		Brown PJ		-	PHY
		Bourquin M	Lab Accelerateur Lineaire	Orsay	PHY
			CTR Rech NiCl/H. Energie	Strasb	PHY
		Arnison G (7)	U.Strasbourg 1	-	PHY
		Aguilarb M	Coll France	Paris	PHY
		Aguilarb (2)		-	PHY
		Atkinson M (5)	U.Strasbourg 1	Strasb	PHY
		Atkinson	U.Paris 06/Phys Nucl&Haut	Paris	PHY
		Gille JC	CTR Rech Nucl	Strasb	PHY
		Russell JM	U.Paris 06	Paris	PHY
		Drayson SR	CTR Rech Nucl	Strasb	PHY
		Anlonucc E	Off Natl E.&Rech Aerosp	Chatil	TES
		Feldman PD	Observ Paris	Meudon	TES
			Observ Nice	Nice	TES
			CNRS/Serv Aeron	Verrie	TES

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CARDIFF	U	Dornenges B Feldman PD Michalsk JC Ekstrom T	U.Caen/Ismra/Cristall. Chim CNRS/Serv Aeron U.Lille 1/Chm Biol Lab U.Nancy 1/Chim Sol.Miner.	Caen Verrie Villen Vandoe	CHM TES BIM CHM
CARSHALTON	MRC/Exp.Embr.&Terat.Unit MRC/Toxicol.Unit	Bender K White INH	CNRS/CTR sel.&Elev.Anim L Hop Fernand W./Rech Tox	Orlean Paris	CLI BIM
CHILTON	Rutherford Appleton Lab	Aubert JJ Balcar E	LAPP U. Aix Marseille 2 CII Honeywell Bull	Annecy Marsei Louvec	PHY PHY PHY
COLCHESTER	U.Essex/Phys	Psaltaki GC	Cens/DPHG SRM U.Toulouse 3/CNRS/Phys Th.	Gif Su Toulou	PHY PHY
COVENTRY	U.Warwick/Chem&Mol U.Warwick/Eng U.Warwick/I.Math	Alcock NW Vieilliar P Dudley M Mackay RS	I.Max Von Laue Paul Langev. CTR Sed.&Geochim Surface U.Paris 11/Lure Lab U.Paris 11/Phys Sol.Lab Lab 190	Grenob Strasb Orsay - Nice	CHM CHM PHY PHY MAT
DAGENHAM	May & Baker Ltd	Gaiilot	I.Biopharm Rhone Poulenc Div Sante Rhone Poulenc	Anthon Paris	CLI CLI
DIDCOT	Rutherford Appleton Lab	Arnison G (7) Albanese JP Arneodo M Marage P	LAPP U. Aix Marseille 2 Lab Accelerateur Lineaire LAPP Lab Accelerateur Lineaire Cens/DPHIIE	Annecy - Marsei Orsay Annecy Orsay Bures	PHY PHY PHY PHY PHY PHY PHY

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CAMBRIDGE	U./Engn	Arbey H (2)	Ecol.Cent Lyon/CNRS/Mec.FI	Ecully	CHM
	U./Phys Chem	Burger H	CNRS/Infrarouge Lab	Orsay	CHM
	U./Phys Chem	Audier M	I.Natl Polytech Grenob/Ther	St Mar	CHM
	U./Cavendish Lab	Robinson RA	I.Max Von Laue Paul Lang	Grenob	PHY
	U./Appl Math	Hocquart R	U.Metz/Rayon.&Struct	Metz	PHY
	U./Cavendish Lab	Ball RC	U.Paris 11/Phys Sol.Lab	Orsay	PHY
	U./Chem Lab	Hulson JM	U.Paris11/Utilis.Rayon	Orsay	PHY
	U./Cavendish Lab	Friedel J	U.Paris11/Lab 2	Orsay	PHY
	U./Appl Math	Hinch EJ	Dowell Schlumberger	St Eti	PHY
	U	Smith	U.Lyon 1/Phys Mat	Villeu	PHY
	U./Inst Astron	Bursill LA (2)	Observ Paris	-	PHY
	U./Anat	Blanchin MG	INRA/Comport.Anim Lab	Meudon	TES
	U./Trinity Coll	Cayrel	INRA/Prod Viande Lab	Paris	TES
	U	Poindron P	U.Bordeaux/CNRS/Lab 226	Nouzil	BIM
CANTERBURY	U.Kent/Chem Lab	Taylor MJ	CMS/ER Combinatoire	-	BIM
	U.Kent/Phys Lab	Bollobas B		Bordeaux	MAT
		Robinson BH	I.Max Von Laue Paul Langev	Paris	MAT
		Toprakci C	-		
		Brown C	CTR Int Rech Derm/Bioch		
CARDIFF	Math I./Comp Math	Connor JA (2)	I. Rech Catalyse	Valbon	CHM
	Simbec Res Ltd	Deraman M	I.Max Von Laue Paul Langev	Villeu	CHM
				Grenob	PHY

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CAMBRIDGE	ARC/I.Anim Physiol	Bender K	CNRS/CTR Sel.& Elev. Anim	Orlean	CLI
	ARC/I.Anim Physiol/Anim R	Huneau D	INRA/Cent Physiol Anim Stn	Jouy E	BIM
DAMTP	Gambaudo JM	I.Hautes Etud Sci	Bures	PHY	PHY
U./Anat, Downing St	Maro B	Lab 168	Nice	PHY	PHY
U./Zool	Johnson MH	Lab 190	-	PHY	PHY
U./Zool/ARC/Insect Neuroph	Wells MJ	CNRS/CTR Cytol ExpII	Ivry	BIM	BIM
Godwin Lab Quater.Res./Free	Laufer J	CNRS	Paris	BIM	BIM
Godwin Lab/Climap	Shacklet NJ	Lab Arago	Banyul	BIO	BIO
Med Sch/MRC CTR/Neuroc	Duplessy JC	U. Angers/UER M./Phys. Lab	Angers	BIO	BIO
MRC/Mol.Biol Lab	Checler F	Procida Roussel UCLAF/Lab	Marsei	BIO	BIO
MRC/Mol.Biol Lab/Hills RD	Bentley GA	U.Paris 11/Geoch.Roch.Sed	Orsay	BIM	BIM
MRC/Mol.Biol Lab	Fermi G	CEA/CNRS/Mx.Lab/CTR FabI	Gif Su	TES	TES
NERC/British Antarct.Survey	Westhof E	U.Bordeaux 1/Geol.Oc.Lab	Talenc	TES	TES
Stat Lab/16 Mill Lane	Thiel J	U.Nice/CNRS/CTR Biochm	Nice	CLI	CLI
U./Pathol	Barlow Mt	Europ.Mol.Biol Lab Outstn/B	Grenob	BIM	BIM
U./Psychol Lab	Capron M	I.Max Von Laue Paul Langev.	-	BIM	BIM
U./Quaternar	Garrud P	CNRS/GR13/Biol Phych Lab	Orsay	BIM	BIM
U./Genet	Wintle AG	U.Paris 11/CNRS/Util.Rayo	-	BIM	BIM
U./Anat	Ashburne M	CNRS/I.Biol Mol&Cellulair	Strasb	BIM	BIM
U.	Lemeunie F	CNRS/Phys&Chim Env.Lab	Orlean	TES	TES
U./Zool/ARC/Ins	Maro B (2)	U.Paris 06/Probabil Lab	Paris	MAT	MAT
	Bursill LA	Pasteur/Inserm/U167/CTR	Lille	CLI	CLI
	Arlola A	U.Paris 13/Ethnol&Socbiol	Villet	CLI	CLI
	Sattelle DB	CNRS/CTR Geommorphol	Caen	BIM	BIM
		CNRS/Biol & Genet Ev.Lab	Gif Su	BIM	BIM
		CNRS/CTR Cytol Exp	-	BIM	BIM
		I.Pasteur	Ivry	BIM	BIM
		U.Lyon1/Phys Mat	Paris	BIM	BIM
		Fac Med Angers/Physiol Lab	Villeu	BIM	BIM
		U.Rennes 1/UER SCI V.&Env	Angers	BIO	BIO
		Fac Med Angers/Physiol Lab	Rennes	BIO	BIO
			Angers	BIO	BIO

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BIRMINGHAM	Gen Hosp	Martin PMV	I. Pasteur/Unite Ecol Bact.	Paris	CLI
	B.&Midland Hosp Women	Menon VJ	Synthelabo,E.&Rech Sci Lab	Paris	CLI
	Gen Hosp/Haematol	Dhondt JL	Cite Hop/Genet&Malad Her	Lille	CLI
			Fac Libr Med/Biochim Lab	Lille	CLI
			CHR /Pedialr	Lille	CLI
	Queen Elisabeth Hosp	Menon VJ	Synthelabo E&Rech Sci Lab	Paris	CLI
	Queen Elisabeth Hosp/Therap	Rovei V	CTR Rech Delande/Biochem	Rueil	CLI
	U. Sch Med/Imm	Zovali M	I.Pasteur/Serv.Immunohem.	Paris	CLI
	U./Psychol	Cooper SJ	Synthelabo/Lers	Bagneu	BIM
	U./Microbiol	Patel PV	I.Pasteur/Unite Ecol Bact.	Paris	BIM
U./Chem		Winstanl FP		-	BIM
		Goldner M		-	CHM
		Tuck JJ	I Max Von Laue Paul Lang.	Grenob	CHM
		Arnison G (5)	LAPP	Annecy	PHY
		Marage P	Cens/DPHPE	Bures	PHY
		Parker MA	Cens	Gif Su	PHY
		Arnison G (5)		-	PHY
		Cooper AM	Cens/DPHPE	-	PHY
		Moreels J		-	PHY
	U/Space Res	Rowe BR	CNRS/Aerotherm Lab	Meudon	PHY
U./Phys		Ferguson EE (3)	U.Paris 11/Resonance Elect	Orsay	PHY
		Moreels J	Ecole Polytech/LPNHE	Palais	PHY
		Smith D	U.Paris 11/Resonance Elect	-	PHY
		Marage P (2)	Ecole Polytech/LPNHE	Palais	PHY
		Parker MA		-	PHY
		Cooper AM		-	PHY
		Arnison G (5)	Coll France	Paris	PHY
		Baubilli M	U.Paris 06/LPNHE	Paris	PHY
		Anderson IS	I.Max Von Laue Paul Langev.	Grenob	INT
			U.Paris 11/CNRS	Orsay	INT

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BRADFORD	U. U./Sch Mat Sci	Michel C Ekstrom T	U.Caen/ISMRA/Cristall.Chim U.Nancy 1/Chi, Sol.Mineral	Caen Vandoe	CHM CHM
BRICKENDONBURY	Malaysian Rub. Prod. Res.	Sedillot F	C G Doris	Paris	INT
BRIGHTON	U.Sussex/Afr,Insect Chem U.Susex	Weaver RJ Pendlebu JM Heckel B Mestel L	CNRS/I.Neurophys & Psychop I.Max Von Laue Paul Langev. Cenfar/CEA/Assoc Euraton	Marsei Grenob - Fonten	BIO PHY PHY TES
BRISTOL	UK Transplant U./Sch Med/Canc U./Pathol U./Resp Med U./Child HLTH U./Physiol U./Phys U./Long Ashton Res Stn U./Inorgan Chem U./Sch Chem U./HH Wills Phys Lab U./Sch Chem U./Sch Chem/Organ Geoc U./HH Wills Phys Lab	Brynger H Rooney CM Rubin B Flemming PJ Sadler DM Morandi D Gregson D Richards Bourquin M Field D Bouloy D Hoffman CF Copestak AP	CTR Pasteur Valley Radot Int Agcy Res Can/Env. C CNRS/Inserm/Ctr Imm. I.Rech Int Servier CNRS/Ctr Genet Molec CNRS/Photosynth Lab INRA/Ameliorat Plantes Stn I.Max Von Laue Paul Langev. Lab Accelerateur Lineaire CTR Rech Nucl/Hautes Energ U. Strasbourg 1 U.Paris 11/Collis Atom&Mol U.Paris 11/Photophy Mol.La U.Paris 11/Utilisat Rayonn. Observ Paris/Astrophys I. Francais Petr Co Francais Petr I.Max Von Laue Paul Langev.	Paris Lyon 2 Marsei Paris - - Gif Su - Dijon Grenob - Orsay Strasb - Orsay - - Meudon Rueil Talenc Grenob	CLI CLI CLI CLI CLI CLI CLI BIM BIM BIO CHM PHY PHY PHY PHY PHY PHY PHY PHY PHY TES TES TES INT

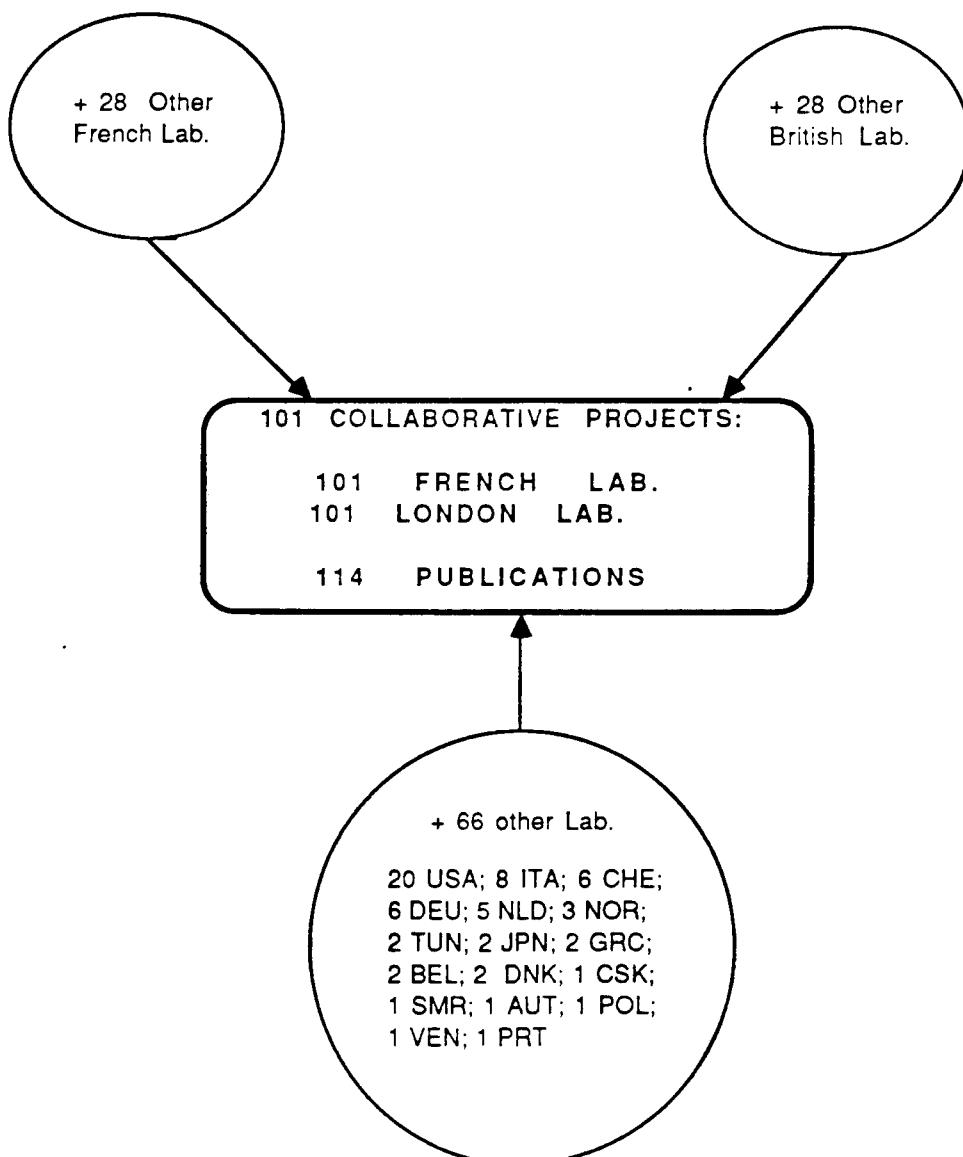
Lepi-CNRS (MEV macro 1984)

GBR - FRA

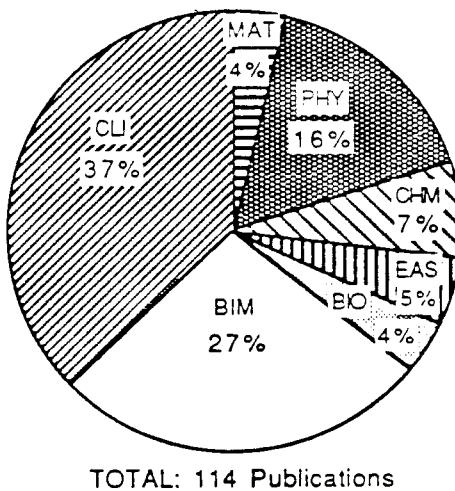
BR. CITIES	BR. LAB.	1st. AUT.	FR. LAB.	FR. CITIES	FIELD
ABERDEEN	Aberdeen Royal Inf. Marischal Coll/Geo&Min Rowett Res. Inst. U./Obstet &Gyna	Amery Brown WL (2) Hesketh JE Sinha D	Hop. Broc. U.Nancy/Petro Lab CNRS/CTR Neuroch/Inserm Fac Med/Inserm	Paris Vandoe Strasb Nice	CLI TES CLI CLI
ABERYSTWYTH	U.Wales U.Coll Wales	Kofman W	CTR Nail Etud Telecom. CTR Etud Phenomenes Aleat.	Issy M St Mar	TES TES
ARMAGH	Observ	Antonucc E	Observ Paris Observ Nice	Meudon Nice	TES TES
AYLESBURY	BLDG Res Est.,Princes Risb.	Cull MR	Rhone Poulenc,Cent Lab	Le Pon	CLI
BANGOR	U.Wales U.Coll Wales	Brown R.	CNRS/I.Rech Math Avancee	Strasb	MAT
BATH	Royal United Hos/Clin Pharm	Faccini JM	Assoc Sci Soc Etud.Toxicol	Paris	CLI
BECKENHAM	Wellcome Diagnostic Wellcome Res Lab/Exp. IMM	Orstavik I Scott Mt Torano A Rothut B	Hop Troussseau/Microb. Lab I. Pasteur/CTR Imm.&Biol I.Pasteur Fac Sci/Inserm Hop Necker/Inserm	Paris Lille Paris Nantes Paris	CLI CLI CLI CLI BIM
BELFAST	Vet Res Labs	Vanknape F	Lab Cent Rech Vet	Maisons Alfort	CLI
BETCHWORTH	Beecham Pharm/Res	Labia R	CNRS	Thiais	CLI

**LONDON COOPERATION WITH
FRANCE IN 1984**

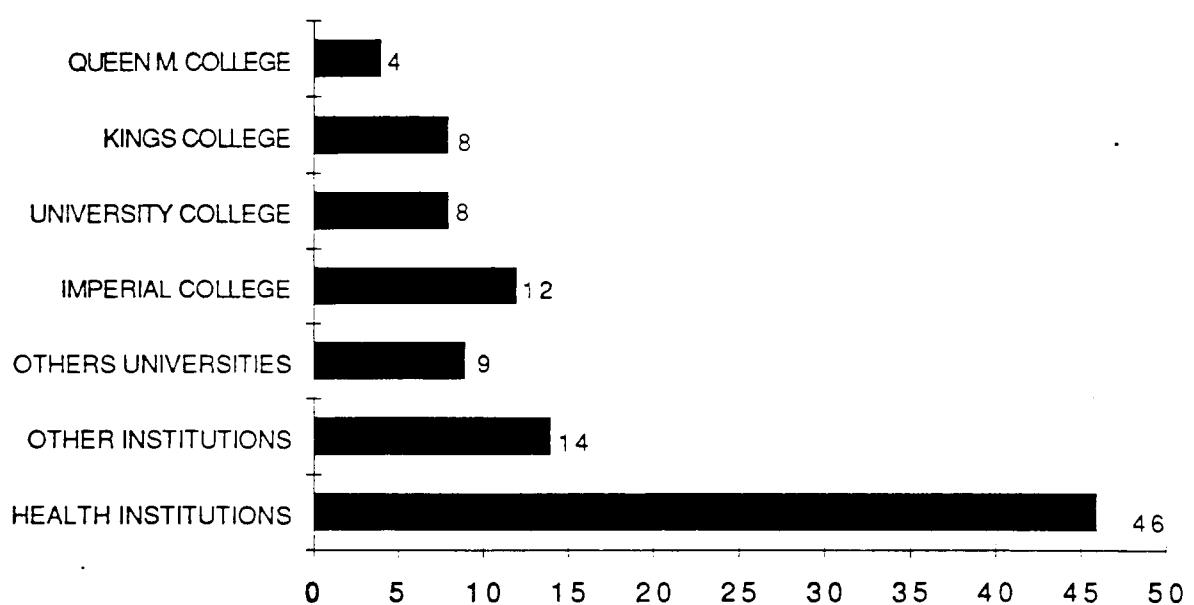
**PARTNERS IN 101 BI- AND MULTILATERAL COLLABORATIVE
PROJECTS WHICH PRODUCED 114 COAUTHORED
PUBLICATIONS IN 1984 , BETWEEN FRANCE AND
LONDON (UK)**



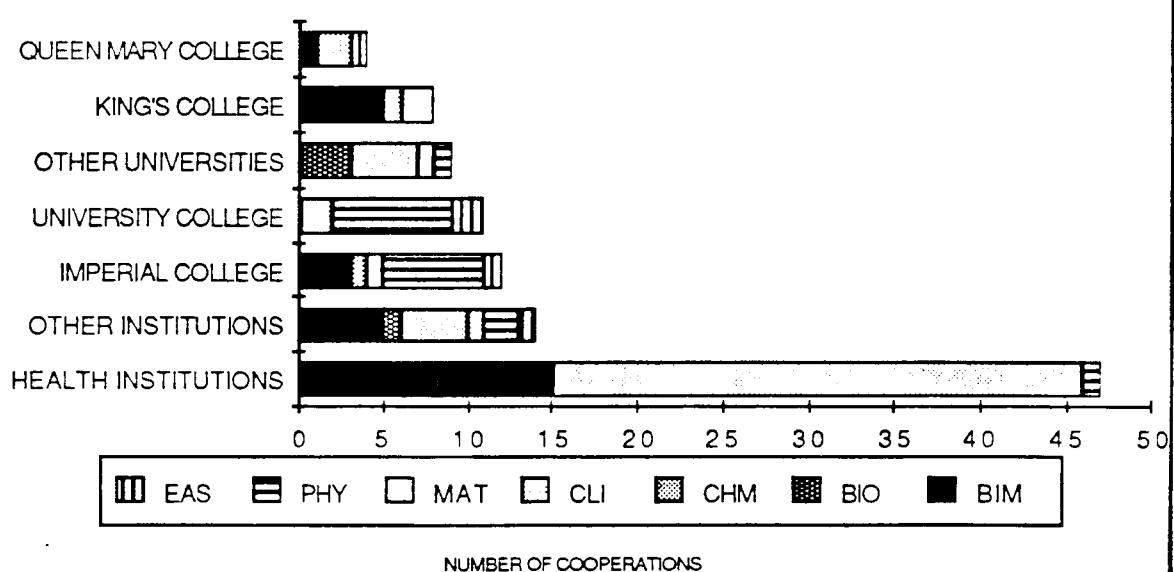
BREAKDOWN BY FIELDS OF THE CO-AUTHORSHIPS OF
LONDON WITH FRANCE IN 1984



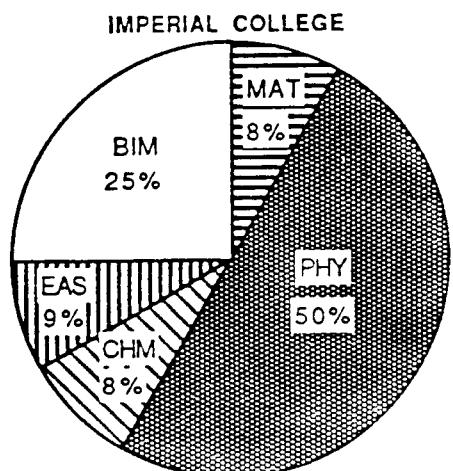
101 LONDON COLLABORATIVE PROJECTS WITH FRANCE IN 1984 BY INSTITUTIONS



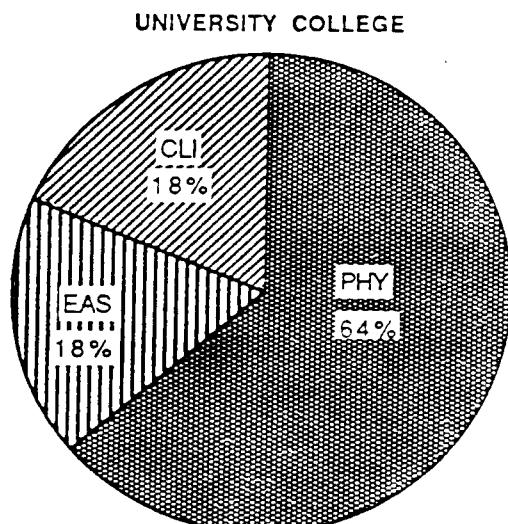
LONDON COOPERATIONS WITH FRANCE IN 1984: BY INSTITUTIONS AND FIELDS



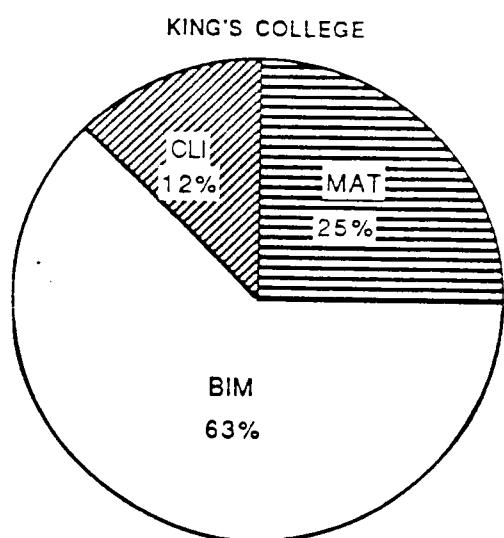
LONDON COOPERATIONS WITH FRANCE IN 1984 BY INSTITUTIONS AND FIELDS



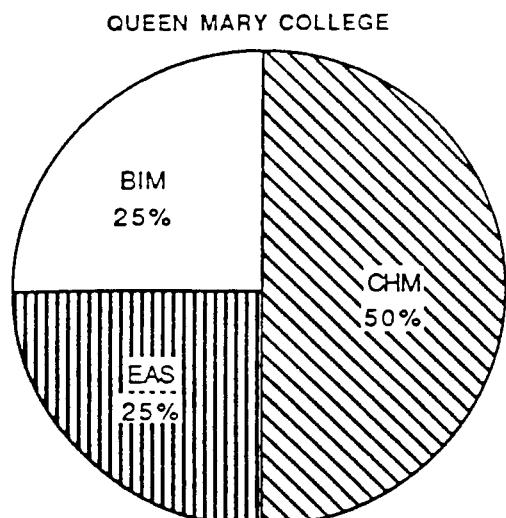
TOTAL: 12 Collaborative projects
12 Publications



TOTAL: 8 Collaborative projects
12 Publications

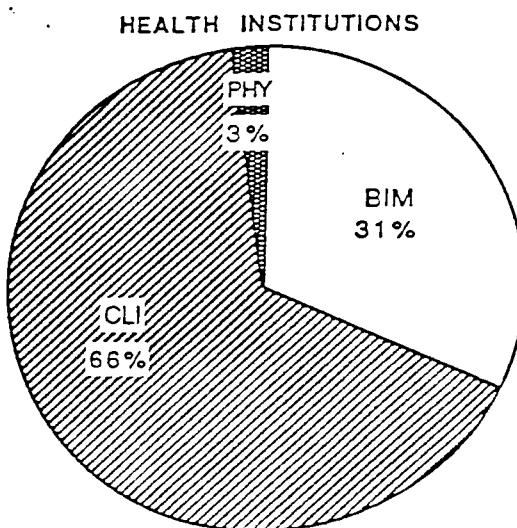


TOTAL: 8 Collaborative projects
12 Publications

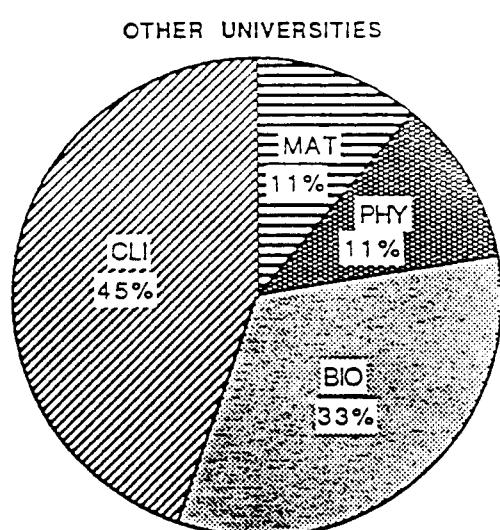


TOTAL: 4 Collaborative projects
8 Publications

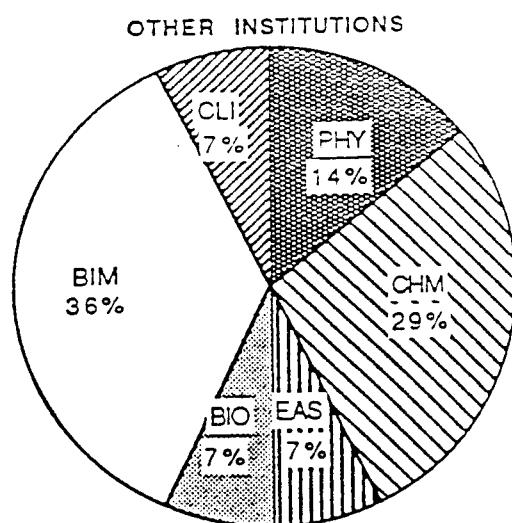
LONDON COOPERATIONS WITH FRANCE IN 1984 BY
INSTITUTIONS AND FIELDS :



TOTAL: 46 Collaborative Projects
46 Publications



TOTAL: 9 Collaborative projects
10 Publications



TOTAL: 14 Collaborative projects
14 Publications

COOPERATIONS BETWEEN GBR AND FRA IN 1984

BIM/ 3 collaborative projects
3 publications

IMPERIAL COLLEGE: 12 Coll. projects, 12 publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	Pure&Appl Biology/ARC Ph. SW7 2BB	Telfer A	Gif Sur Yvette	Cen Saclay/Serv. Biophys/Biol. D	Bottin H		1
1	Blackett Lab. SW7 2BZ	Blow	Gif sur Yvette	CNRS/CTR Genetique Moléculaire	Monteilhet C		1
1	Geology Dept. SW72AZ	Price NJ	Paris	U. Paris 6/Petrog. Lab	Velde	CAN (1) CKS (1) JPN (1) USA (1)	1

CHM/1 collaborative projects
1 publication

1	Chemistry Dep. SW7 2AZ	Willians D J	Mulhouse	Hauté Alsace/E.Natl Sup de Chm	Tschamber T	CHE (1)	1
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MAT/1 cooperation
1 publication

1	Mathematics Dep. SW7 2BZ	Cox DR	Lyon	Int Agcy Res Canc/Biostat			1
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COOPERATIONS BETWEEN GBR AND FRA IN 1984

IMPERIAL COLLEGE

**PHY/6 collaborative projects
6 publications**

1	Mat. Dep. WC2	Howe PS Newns DM	Paris Grenoble	E. Normale Super/Phys Theor I.Max Von Laue Paul Langev	Townsend PK Read N	GBR (1)	1
1	U./Imperial Coll.	Azooz F Petridis A	Gif Su Saclay Palaiseau	Cens Cens/DPHPE LPNHE/Ecole Polytechnique	Barloutaud R Faccini Vallée C	GBR (1) USA (2) JPN (1) GBR (4) ITA (5) BEL (1) CHE (1) GRC (1) DEU (1) NOR (1) NLD (1)	1
1	Blackett Laboratory SW7 2BZ	Rivier N	Marseille	U de Provence/Dynamique des Fl	Occelli R	POL (1)	1
1	Chemistry Dep.	Willians D J	Mulhouse	Haute Alsace/E.Natl. Sup. de Chr	Tschamber T	CHE (1)	1

**EAS/1 collaborative project
1 publication**

1	U./Imperial Coll.	Cronan D	Brest ----- -----	CTR Oceanol Bret./Rech Ge BRGM/COB U.Bretagne Occidentale	Paugot G Le Notre N Hoffert M	USA (1) DEU (2)	1
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COOPERATIONS BETWEEN GBR AND FRA IN 1984

KINGS COLLEGE: 8 Coll. projects, 14 publications

BIM/ 5 collaborative projects
7 publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	MRC Cell Biophysics 26-29 Drury Lane, London WC2 B5RL	Parker I	Gif Sur Yvette Amiens	CNRS/Neurobiol. Cellul. Lab L. Neurob./UER. Sc. Exact. & Nat	Czternasty G Thieffry M		1
1		Sabil H	Grenoble -----	Cen/Biol. Mol.&Cellul. Lab. Cen/Rech Fondamentale/Biol	Villaz M		2
1		Dickens M J	Grenoble	I. Max Von Laue Paul Langev	Torbet J		1
2	Plant Sciences Dep. 68 Half Moon Lane, London SE24 9JF	Cammack R	Marseille St Paul Lez D	CNRS/Lab Chim Bactérienne Cen Cadarache	Hatchikian EC Fauque G	NOR (1) PRT (1)	2 1

CLI/ 1 collaborative project
1 publication

1	Physiology Dep.	Niggli V	Paris	I. Biol Physico Chimique	Vigny A		1
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MAT/2 collaborative projects
6 publications

1	Chemistry Dep. 20 Gordon Street, London WC1H 0AJ	Callow CRA	Besancon Talence	U/Fac Sci/Dept Chim CNRS/Lab. Chim Sol	Theobald F R Malar S F		2 3
1		Davies Jones DJ	Talence Montpellier	U.Bordeaux 1/CNRS/Chm. Comp. U. Montpe 2/Acides Minera	Ratier M		1

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COOPERATIONS BETWEEN GBR AND FRA IN 1984

**CLI/2 collaborative projects
2 publications**

UNIVERSITY COLLEGE: 8 coll. projects, 12 publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	Dept. of Haematol./School of Medicine	Thomas JA	Lyon 2	Fac Med Alexis Carrel	Guy de-Thé	GBR (2) TUN (1)	1
1	Tumor Immunology Unit WC1E 6BT	Perkins A	Paris	Hop Broussais/I. Immunobiologie	Kanelopoulos	CHE (1)	1

**PHY/4 collaborative projects
8 publications**

1	Physics & Astronommy WC1E 6BT	Fearnley T Butler K	Annency Meudon	LAPP Observ Paris/Astrophys	Guillaud JP Zeipen CJ	USA (1) VEN (1)	1 2
1	U.College	Azemoon T	Bures-sur Palaiseau Saclay	Cens/DPHPHE E. Polytech/Lab. Phys. Nucl. H. Cens/DPHPHE	Neveu M Brisson V Baton J P	GBR (4) ITA (1) BEL (1) DEU (1) GRC (1) CHE (1)	3
1	Chemistry Dep.	Matar SF	Talence	CNRS/Chim Solide Lab	EN ATTENTE		2

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COOPERATIONS BETWEEN GBR AND FRA IN 1984

UNIVERSITY COLLEGE

EAS/2 collaborative projects
2 publications

1	Physics Dep.	Moore V Butler K	Meudon -----	Observ Meudon Observ Paris/Astrophys S	Encrenaz Th	USA (1)	1
1	Phys & Astronomy Dep. Gower Street, London WC1E 6BT	Adams S	Bagnères Bagnères	Observ Pic du Midi Observ Toulouse	Aurière M	GBR (1)	1

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CLASSEMENT DES COOPERATIONS GBR/FRA, EN 1984 PAR VILLES ET DOMAINES:

BIO: 3 Collaborative projects
3 Publications

QUEEN M. COLLEGE: 4 Coll. Projects
8 Publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	Chemistry Dep. E14NS	Hawkes G E	Gif Sur Yvet	Cen Saclay/Service de Biochimie	Hermann D		1

CHM/ 2 Collaborative Projects
4 publications

1	U./Queen Mary Coll London E1	Bowcock TVJ Leader	Annecy Gif Su Paris Orsay	LAPP Cens Coll France U. Pierre&Marie Curie/I. Phys. N I. Phys Nucl/Phys. Theor.	Aubert B Cochet C Dobrynski L Gauron P Nicoleescu B	GBR (2) USA (1) ITA (2) NLD (1) GBR (1)	3 1
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EAS/ 1 Collaborative Project
3 publications

1	Applied Math. Dep. Mile End Road, London E1 4NS	Schwartz SJ	Meudon	Observ. Paris/Astroph. Fund. Dep	Bel N		3
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COOPERATIONS BETWEEN GBR AND FRA IN 1984

HEALTH INSTITUTIONS: 46 C. proj.
46 Pub.

BIM/14 collaborative projects
14 publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	Hammersmith Hosp/Endocrine W12 OHS	MacIntyre I	Paris Paris	CNRS/Endocr Lab 90/Physio I. Pasteur	Lopez E Tisserand E		1
1	National I. for Medical Research Mill Hill, London NW7	Tenniswood Nermut MV	Rennes Strasbourg Strasbourg	U./Lab Biochimie Générale Fac Med Strasb/Lab Virologie Group Rech Inserm/U 74	Valotaire Y Darcy-Tripier Braunwald J		1
1	Royal Can. Hosp/ I. Cancer R./Chester L Fulham Road, London SW3 6JB	Weston A	Paris Villejuif	E. Normal Sup./Lab Chim&Biolog. I. R.Sci. Cancer/Lab Pathol. Cell.	Dansette PM Rouet P		1
1	Royal Coll Surgeons /Biochem WC2A3PN	Authi KS	Lyon 2	I. Pasteur/Fac Alexis Carrel	Lagarde M		1
1	St. Marys Hosp. Med. Sch./Bioch. Dep. Norfolk Place, London W2 1PG	Williamson R	Paris -----	I. Pathol&Biol Cell et Mol/Inserm Inserm149/Rech. Génétique Med.	Jeanpierre M Weil D.		1
1	I. Psychiat./Neurol./Cn SW7 2BZ	Drayna D	Strasb	Med Strasb/CNRS/Genet Mo			1
1	Angel	Marseille		Fac. Med. Nord./CNRS	EN ATTENTE		1

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COOPERATIONS BETWEEN GBR AND FRA IN 1984

HEALTH INSTITUTIONS

BIM

1	Kennedy I. Rheumatol. Bute Gardens - Hammersmith London W6 7DW	Perkins SJ	Grenoble	Immunoch/DRFG&USMG CNRS/ERA695 Lab. Biolog. Molecul.	Villiers C L	GBR (3)	1
1	Clin Res CTR/Commun Disor	Loomes LM	Villeneuve	U.Sci&Tech Lille 1/Chim Bio	EN ATTENTE		1
1		Moore TA	Gif Su - Paris	Cens/Biol Cens/Phys Chim/CNRS/Lab Mus Natl Hist Nat/Biophys L Int Agcy Res Canc	EN ATTENTE		1
1	Margison GP	Lyon			EN ATTENTE		1
1	Paterson Lab/Christie Hosp/R 1	Land EJ	Paris	CTR Mecanique Ondulatoire App. Lab. Biophy/Mus.Nat.Hist	Chalvet O Bensasson R V	USA (2) GBR (1)	1
1	I. Child Hlth/ICRF Oncol. Lab WC1	Treleave JG	Lyon 2	CTR Leon Berard	Philips T	USA (1) NOR (1)	1

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COOPERATIONS BETWEEN GBR AND FRA IN 1984

HEALTH INSTITUTIONS

CLI/ 31 Collaborative projects

31 Publications

1	Cent Publ Hlth Labs Cent Publ Hlth Labs/Microb	Wedderbu N Orstavik I	Lyon 2 Paris	Fac Med Alexis Carrel Hop Troussseau/Microbiol La	EN ATTENTE		1 1
1	Guy's Hosp. Med. School/Pathology Dep. GB-London SE1 9RT	Filipe MI	Reims Clichy	I.Jean Godinot/Anat Pathol Hop Beaujon/Anat et Cyto Patho	Bogomoletz WV Polet F		1
1	Guys Hosp/Pediat Neurol	Levin S	Clichy	Hop. des Enfants Malades	Hoare RD		1
1	Hammersmith Hosp/Royal P. Med. Sch. W12 OHS	Oliveira DB Gordon-Smith	Limoges Creteil	U. Hosp Limoges Hop. Henri Mondor/Inserm/ U. 91	EN ATTENTE		1
1	Hammersmith Hosp./Hematology Dep.	Marmont A	Paris	Hop St Louis/CTR Hayen/Transp.	Rochant H Gluckman E	USA (2) DEU (1) SMR (1)	1
1	Imperial Cancer Research Fundation P. O. Box 123	Hallowes R Bodmer WF	Montpellier ----- Paris	U./Fac Med./Histol Lab I. Nat. Santé&Rech.Med./U.Endoc Hop. St. Louis/I.Rech.Mald. San	Chambon M Dausser J	DEU (1) DNK (1) AUT (1) USA (2) NLD (1) CHE (1)	1
1	I. Child Hlth/Haematol.&Oncolog.Dept. Great Ormond Street London WC1N 3JH	Nokes TJC Hardisty R	Paris Paris	Hop. Bicêtre/I. Pathol. Cellulaire Hop.Lariboisière/Inserm/U.15	Meyer D Maclouf J	GBR (2) USA (1)	1
1	Middlesex Hosp M School/Immunol. Dep Arthur Stanley House 40-50 Tottenham Street, London W1	Walker PR Scherbaum WA	Brest Brest	CTR. Hop. Univ./Dep. Immunology Univ Hosp Med School/Rheuma	Youinou PY Legoff P		1 1

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COOPERATIONS BETWEEN GBR AND FRA IN 1984

HEALTH INSTITUTIONS

CLI

2	Middlesex H. M. Sch. /Courtaud I. Bioch W1P 7PN	Mills G	Paris -----	Hop Pittie/Inserm/U 9/Lipopro Hop St Antoine/Bioch. Lab	Forgez P Goldstein S		1 1
1	National I. for Med. Research Mill Hill	Palmer A	Bordeaux	Hop Pellegrin/Inserm/U 229/Aud	Harrison R V		1
1	Postgraduate Medical School Du Cane Road, London W12 OHS	Lallier F	Paris ----- -----	CNRS/Endocrinol Comparée Lab. I. Pasteur/Immunohématologie Mus Natl Hist Nat/Physiol. Gene	Lopez E Tisserand-J E Eyquem A		1
1	Queen Charlotte M. Hosp/I. Obst. & Gyne Goldhawk Road, London W6 OXG	Morgan BM	Strasbourg	Merrel Dow Research Institute.	Lewis P J	GBR (1)	1
1	Royal College Surgeons	Wedderburn N	Lyon 2	Fac. Med. Alexis Carrel	Desranges C	GBR (1)	1
1	Royal Free Hosp/Sch. Med./Physiol. Dep Royal Free Hosp/Sch M	Morin-surun MP Nokes TJC	Gif sur Yvette Paris	CNRS/Neurophys Appl./L Physio. Hop Bichat/I. Pathol Cellul	Denavit-S. M		1
1	Bartholomews Hosp/Exper. Pathol. Dep	Willoughby DA	Paris Villejuif	Hop Cochin/Pharmacol/ERA CNRS Hop Paul Brousse/I. Cancer	Sheng YJ Florentin I		1
1	Bartholomew's Hosp./Cardiol. Dep. West Smithfield, London EC1A 7BE	Debbas NMG	Montpellier	Clinique St Eloi/Cardiol. B Serv.	Cailar C		1
1	St Charles Hosp	Amery A	Paris	Hop Broc	EN ATTENTE		1

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COOPERATIONS BETWEEN GBR AND FRA IN 1984

HEALTH INSTITUTIONS

CLI

1	Brompton Hosp./Pediatric Dep./Cardio Fulham Road, London SW3 6HP	Anderson R H	Bordeaux	U. 2/Hop. Cardio./Cli Chirur mal.	Busquet J	GBR (1)	1
1	St. Mary's Hosp. Med. Sch/Exp. Pathol.	Smith J	Paris	I.Natl Sante&Rech./Hosp. Tenon	Melcion C		1
1	St Thomas Hosp/Europ Dialy	Brynger H	Paris	CTR Pasteur Vallej Radot	EN ATTENTE		1
1	St Johns Hosp Dis Skin	-----	-----	-----			1
1	Hosp. Med. Coll./Immunology Dep.	Festenstein H	Villejuif	Hop. Paul Brousse/Immunog. All.	Berumen L		1
1	Royal Marsden Hosp/Histopatho	Thomas JA	Lyon 2	Fac Med Alexis Carrel	Thé, G	GBR (1) TUN (1)	1
1	Royal Marsden Hosp/Ludwig	Blaineau C	Paris Paris	Hop Cochin/Inserm/Immu I. Pasteur/Immunogenet H	EN ATTENTE		1
1	Clin Res CTR/MRC/Radioisot	Arlot M	Lyon	Fac Alexis Carrel/Inserm	EN ATTENTE		1
1	MRC/Clin Res CTR	Warrell MJ	Lyon	I. Merieux	EN ATTENTE		1

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COOPERATIONS BETWEEN GBR AND FRA IN 1984

HEALTH INSTITUTIONS

PHY/1 collaborative projects
1 publication

1	Hammersmith Hosp/Royal P Med W 12 OHS	Leeman S	Strasbourg	U. Louis Pasteur/I.Phys/Lab Ac	Fink M	USA (1)	1
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LEPI-CNRS

COOPERATIONS BETWEEN GBR AND FRA IN 1984

OTHERS UNIVERSITIES: 9 C. proj., 10 pub.

BIO: 3 collaborative projects
3 publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	U./Bedford Coll NW1 4NS	Alistair	Banyuls	Lab. Arago	McVean		1
2	U./Birkbeck Coll/Botany Department WC1E7HX	Weatherley C Stewart G R	Orsay Seichamps	U.Paris 11/CNRS/Physiol. Veg. INRA/CTR Natl. Rech. Forestier	Hirel B Genelet J		1 1

CLI: 4 collaborative projects
5 publications

1	U./School Hy. &Trop. M./Stat.s&Epid. WC1E 7HT	Smith PG	Lyon	Int Agcy Res Canc/Biostat Unit	Day E		1
1	U./School Hyg. &Trop. M./Protozool. D. Keppel Street, London WC1E 7HT	Ellis DS (2)	Paris	Mus. Natl. Hist. Nat./CNRS/Zoo	Boulard Y		2
1	U./Chelsea College/Pharmacognosy Res Manresa Road, London SW3 6LX	Morgan BM Bisset NG	Strasb Strasbourg	Merrell Dow Res Inst U. 1/CTR/Européen d'Hist. Med.	Mazars G		1 1

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COOPERATIONS BETWEEN GBR AND FRA IN 1984

OTHERS UNIVERSITIES

MAT:1 collaborative project
1 publication

1	U./Math. Dep./Goldsmiths College New Cross, London SE 14NW	Jackson B	Orsay St Martin d'	U. paris Sud/Informatique/ERA I. Math. Appl. Grenoble	Bermond JC Jaeger F		1
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PHY: 1 collaborative project
1 publication

1	U./Birkbeck Coll/Crystallo. Malet Street, London WC1E7HX	Finney JL	Grenoble	I. Max Von Laue Paul Langev	Kuhs WF		1
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COOPERATIONS BETWEEN GBR AND FRA IN 1984

**BIM: 5 collaborative projects
5 publications**

**LONDON OTHER INSTITUTIONS: 14 Coll.proj.
 14 Pub.**

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	Biorex Labs Ltd	Michalsk JC	Villen	U. Lille 1/Chim Biol Lab	EN ATTENTE		1
1	British Mus. (Nat Hist)/Zoology Dep. Cromwell Road, London SW7 5BD	Brown DS Rollinson D	Paris Perpignan	Lab Parasitol/PR M Larivière U.Perpignan/Biol Anim	Sarfati C Imbert, D		1 1
1	British Petr. Overseas	Shacklet NJ	Orsay	U. Paris 11/Geoch Roches S	EN ATTENTE		1
1	Wight Scientific 44 Roan Street, London SE10 9JT	Witz J	Strasbourg	CNRS/I.Biol Molec&Cellulaire	Durham ACH	CAN (1)	1

**BIO/1 Collaborative project
1 Publication**

1	British Mus (Nat Hist)/ Zoology Dep.	Mordan P	Paris	L. Biol. Invert. Marins et Malac.	Tillier S	USA (1)	1
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COOPERATIONS BETWEEN GBR AND FRA IN 1984

**CHM/4 collaborative projects
4 publications**

1	City London Polytechnic 31 Jerry Street	Dowsett MG	Limeil Orsay	Labs Electr&Physique Appliquée Thomson CSF	Simonet F Huber A	GBR (3) USA (3) NLD (1)	1
1	Aere/Chem	Che M	Paris	U.Paris 06/Chim Sol.Lab/C	EN ATTENTE		1
1	Aere/Mat Dev	Bishop He	Saclay	Cens/Physicochim	EN ATTENTE		1
1	Ukaea/Chem	Holloway JH	Gif sur Yvette	Cens/Physicochim	EN ATTENTE		1

**CLI: 1 collaborative project
1 publication**

1	Aere/Amersham Int Ltd/Duct	Dutreix A	Creteil Villej	Chu Henri Mondor/Radiother I. Gustave Roussy	EN ATTENTE		1
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**PHY: 2 collaborative projects
2 publications**

1	Mullard Space Science Lab	Bleeker J Culhane J	Gif sur Yvette -----	Cen. Saclay/Serv. Astrophys Cen. Saclay/Serv. Astrophys	Rocchia	NLD (1) DNK (1)	1 1
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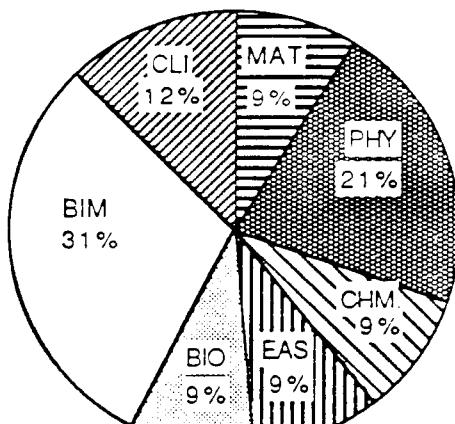
**EAS: 1 collaborative project
1 publication**

1	British Mus. (Nat.Hist.)/Mineralogy Dep Cromwell Road, London SW7 5BD	Henderson P	Vandoe	CTR Rech. Petrog. & Geochim.	Manning DAC		1
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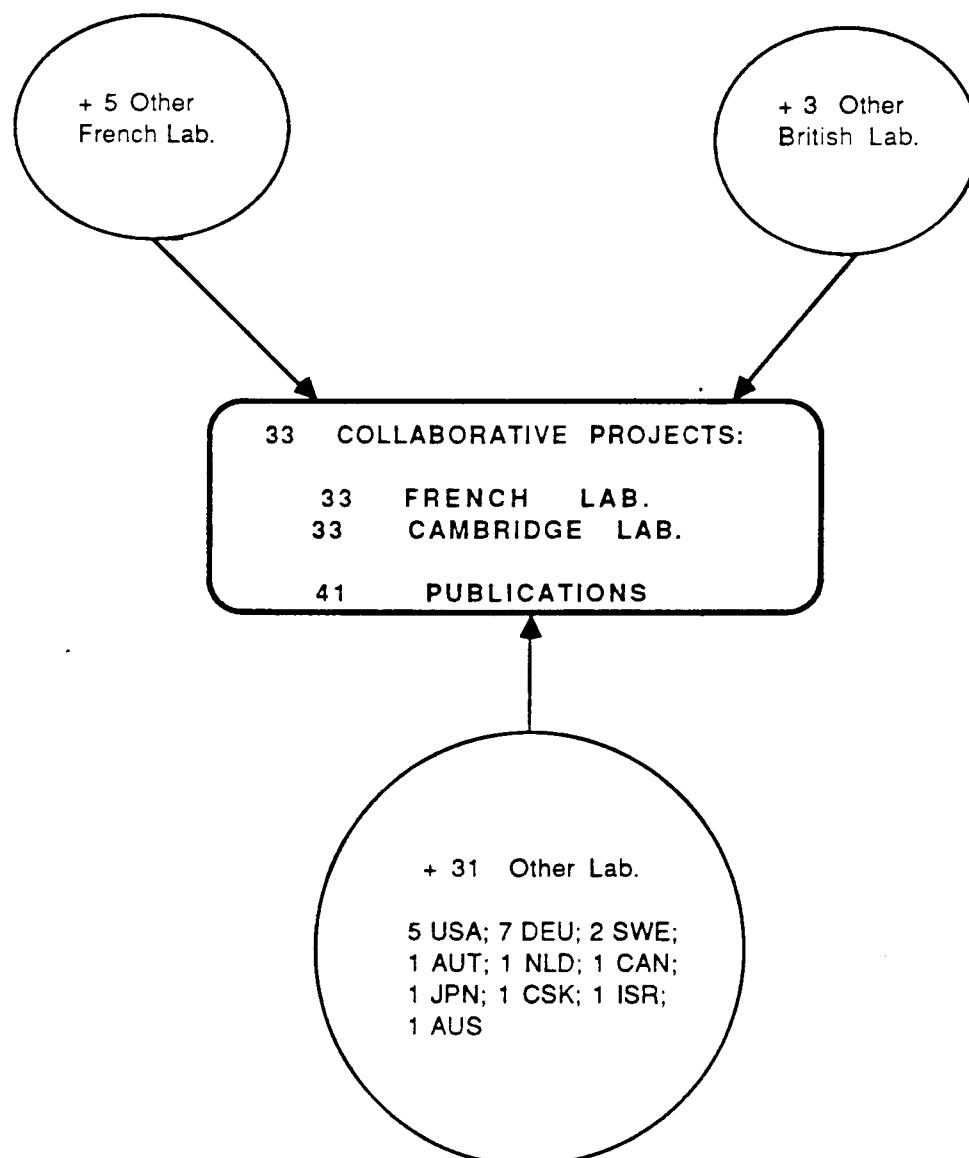
**CAMBRIDGE COOPERATION WITH
FRANCE IN 1984**

BREAKDOWN BY FIELDS OF THE CO-AUTHORSHIPS OF
CAMBRIDGE WITH FRANCE IN 1984



TOTAL: 41 PUBLICATIONS

**PARTNERS IN 33 BI- AND MULTILATERAL COLLABORATIVE
PROJECTS WHICH PRODUCED 41 COAUTHORED
PUBLICATIONS IN 1984 , BETWEEN FRANCE AND
CAMBRIDGE (UK)**



COOPERATIONS BETWEEN GBR AND FRA IN 1984

CAMBRIDGE

BIM: 10 Collaborative projects
14 Publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	ARC/I Anim Physiol/Anim Research St	Harrison RAP	Jouy-en Josa	INRA/Cent. Physiol. Anim. Stn.	Huneau D		1
2	U./Dep. Anat. Downing Street CB2 3DY,	Johnson MH Maro BB Keverne EB	Ivry Paris Nouzilly Beaumont	CNRS/CTR Cytologie Experiment I. Pasteur INRA/Comprt. Anim. Lab. INRA/Prod. Viande Lab.	Maro BB Paulin D Poindron P Le Neindre P		4 1
2	Godwin Lab. Quater.Res./Free School La CB2 3RS	Shackleton NJ	Orsay	U.Paris 11/Geoch.Roch.Sed. Lab	Desprairies A	USA (5) DEU(1) SWE (1) USA (1)	1
		Wintle AG	Caen	CNRS/CTR Geomorphologie	Lautridou JP		1
3	Medical Res. Council/Mol. Biol. Lab Hills Road - CB2 2QH	Finch JT Fermi G Bloomer AC	Grenoble Orsay Strasbourg	Europ. Mol. Biol. Lab. Outstation I.Max Von Laue Paul Langev. LURE/Lab. de Biol. Physicochim. CNRS/I. Biol. Mol.&Cellulaire	Bentley GA Fourme R Westhof E	USA (1)	1 1 1
1	U./Dep. Genetics	Ashburner M	Gif sur Yvet	CNRS/Biol. & Genet. Evol. Lab	Lemeunier F		2
1	U./ CB2 ISB	Bursill LA	Villejuif	U.Lyon 1/Phys. Mat.	EN ATTENTE		1

LEPI - CNRS

COOPERATIONS BETWEEN GBR AND FRA IN 1984

CAMBRIDGE

BIO: 3 Collaborative projects
3 Publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	U./Dep. Zool.	Wells MJ	Banyuls	Lab Arago	Wells J		1
2	U./Dep. Zool/ARC/Insect Neurophysiol Downing Street CB2 3EJ	Sattelle DB David JA	Angers Rennes	Fac Med/Physiol. Lab. U./UER/SCVIE & ENviron.	Hue B Artola A	USA (1)	1 1

CLASSEMENT DES COOPERATIONS GBR/FRA, EN 1984 PAR VILLES ET DOMAINES :

CAMBRIDGE

CHM: 3 Collaborative projects

4 Publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	U./Engn	Fflowcs-Willian	Ecully	Ecol.Cent Lyon/CNRS/Mec.FI	Arbey H		2
2	U./Physical Chemistry Dep. Lensfield Rd. - CB2 1EP	Davies PB Klinowski J	Orsay St. Martin d'H	CNRS/Infrarouge Lab INP/Lab de Thermodynam. et Phy	Dupré J Audier M	DEU (1)	1 1

CLASSEMENT DES COOPERATIONS GBR/FRA, EN 1984 PAR VILLES ET DOMAINES:

CAMBRIDGE

CLI: 4 Collaborative projects
4 Publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	ARC/I. Animal Physiology CB2 4AT	Butcher G	Orleans	CNRS/CTR Sel.&Elev.Anim L	Moutier R	DEU (4) AUT (1) NLD (1) USA (2) CAN (1) JPN (1) CSK (1) GBR (2)	1
1	MRC/Neuroch. Pharmacol.Unit Hills Road	Emson PC	Nice	U /CNRS/CTR Biochimie	Checler F		1
1	U./Pathology	Butterworth AE	Lille	I Pasteur/Inserm U167/C Immu	Capron M	USA (1) SWE (1)	1
1	U./Psychological Lab. Downing Street, CB2 3EB	Rawlins JNP	Villetaneus	U.Paris 13/Ethnol&Sociobiol.	Goodall G.	GBR (1) ISR (1)	1

LEPI-CNRS

CLASSEMENT DES COOPERATIONS GBR/FRA, EN 1984 PAR VILLES ET DOMAINES:

CAMBRIDGE

MAT: 3 Collaborative projects
 3 Publications

Nb COOP	BRITISH LAB,	BR. AUTHOR	FR. TOWN	FRENCH LAB,	FR. AUTHOR	OTHER LAB,	Nb PUB
1	Stat Lab/16 Mill Lane	Barlow M	Paris	U.Paris 06/Probabil Lab	Meyer P		1
i	U./Trinity College	Taylor MJ	Bordeaux	U.Bordeaux/CNRS/Lab 226	-----		1
1	U CB2 1SB	Bollobas B	Paris	CMS/E. R. Combinatoire	Duchet P		1

COOPERATIONS BETWEEN GBR AND FRA IN A984

CAMBRIDGE

**PHY: 7 Collaborative projects
10 Publications**

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	D.A.M.T.P. Silver Street - CB3 9EW	Glendinning P	Bures-sur Yv Nice	I. Hautes Etud. Sci. L.A.	Gambaudo JM		1
2	U./Cavendish Lab Madingley Road - CB3 OHE	Squires GL Ball RC	Grenoble Orsay	I Max Von Laue Paul Langevin* U.Paris 11/Physique Solides Lab	Pynn R Jullien R.	USA (1) 1	1
2	U./Applied Mathematics & Theor. Phys CB3 9EW	Hinch EJ	Metz St Etienne	U./Rayon.&Struct Lab Dowell Schlumberger	Hocquart R Sherwood JD		1
1	U./Chemical Lab. Lensfield Road - CB2 1EW	Hulson JM	Orsay	U.Paris11/Util. Rayon. Lab.	Beswick JA		1
1	U./Free School Lane/High. Resolution E CB2 3RQ	Smith DJ	Villeurbanne	U.Lyon 1/Physique des Matériaux	Blanchin MG	AUS (1)	4

v

*attention ILL= FRA/DEU/GBR

CLASSEMENT DES COOPERATIONS GBR/FRA, EN 1984 PAR VILLES ET DOMAINES:

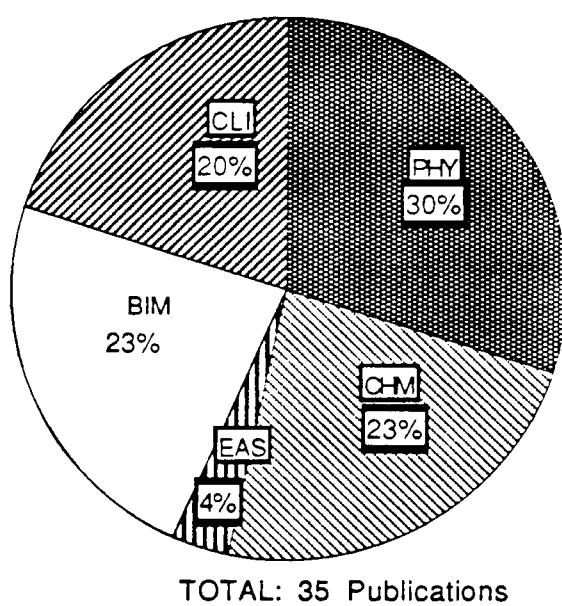
CAMBRIDGE

EAS: 3 Collaborative projects
 3 Publications

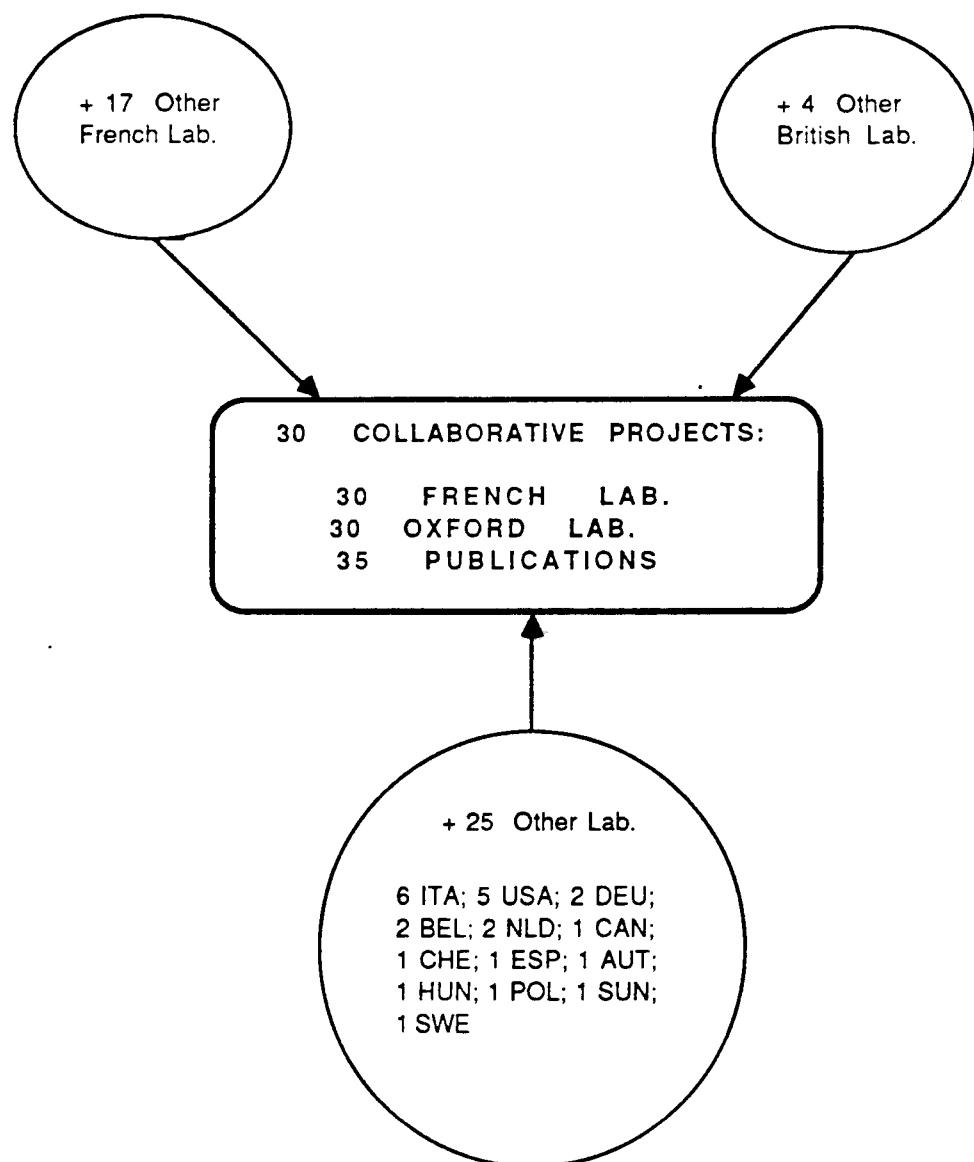
Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	CLIMAP/Godwin Lab/Free School Lane CB2 3RS	Shackleton NJ	Gif sur Yvel Talence	CEA/CNRS/CTR Faibles Radioact U.Bordeaux 1/Geol Océanogr Lab	Duplessy JC Hendy CH	USA (2)	1
1	NERC/British Antarct.Survey	Storey L R	Orleans	CNRS/Phys&Chim Env.Lab	Thiel J	DEU (1)	1
1	U./I. Astronomy	Dappen W	Meudon	Observatoire Paris	Cayrel R		1

**OXFORD COOPERATION WITH
FRANCE IN 1984**

**BREAKDOWN BY FIELDS OF THE CO-AUTHORSHIPS OF OXFORD
WITH FRANCE IN 1984**



**PARTNERS IN 30 BI- AND MULTILATERAL COLLABORATIVE
PROJECTS WHICH PRODUCED 35 COAUTHORED
PUBLICATIONS IN 1984 , BETWEEN FRANCE AND
OXFORD (UK)**



COOPERATIONS BETWEEN GBR AND FRA IN 1984

OXFORD

**CHM: 7 Collaborative projects
10 Publications**

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	Dyson Perrins Laboratory	Davies SG	Gif Sur Yvet	CNRS/I.Chim Subst Nat	Watts O		1
1	South Parks Road, Oxford OX1 3QY	Baird GJ	Gif Sur Yvet	CNRS/I.Chim Subst Nat	Aktogu N		1
1	U./Inorganic Chem. Lab.	Talbot J	Grenoble	I.Max Von Laue Paul Langevin*	Fitch AN		1
1	South Parks Road, Oxford OX1 3QR	Dare-Edwards	Meudon	Lab. Phys. Solides/ CNRS	Katty		1
1	U./Clarendon Laboratory	Nicholas RJ	Grenoble	CNRS/SNCI	Portal JC		4
	OX1 3PU		Toulouse	I. Natl Sci Appl/Phys des Solides	Gregoris G		
			Orsay	Lab. Central Rech. Thomson	Hersee S		
1	U./Physical Chem. Lab.	Hightfield RR	Grenoble	I. Max Von Laue Paul Langevin*	Hayter JB		1
1	South Parks Road, Oxford OX1 3QZ	Leyland PC	Villeneuve d'	U. Lille 1/UER de Phys Fondam	Carette P	CAN (1)	1
						USA (1)	

*attention ILL=FRA/DEU/GBR

COOPERATIONS BETWEEN GBR AND FRA IN 1984

OXFORD

BIM: 7 Collaborative projects
7 Publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	U./Biochem	Perkins SJ	Grenob ----- -----	Cen/Biol Molec&Cellul Lab Rech Fondamentale U. Grenoble 1/CNRS/ERA	EN ATTENTE		1
1	U./Human Anatomy Dep. South Parks Road, Oxford OX1 3QX	Morris JF	Bordeaux	I Nat Santé et de la Rech Med	Nordmann JJ		1
1	U./Mrc/Immunochem. Unit/Bioch. Dep. South Parks Road, Oxford OX1 3QU	Sim RB	Bois-Guillau	Inserm/U78/Rech Genet des Pro	Fontaine M		1
1	U./Genetics Labo./Biochm. Dept.	Powell JF	Gif Sur Yvet	CNRS/Neurobiol Cellul Lab	Boni C		1
1	U./Pharmacol	Angel A	Marsei	Med Nord/CNRS	EN ATTENTE		1
1	U./Metallurgy&Sci Materials Dept. Parks Road, Oxford OX1 3PH	Barry J	Strasbourg	UER d'Odontol/Inserm/Rech. U.	Bres EF		1
1	U./Zool/Molec Biophys Lab	Perkins SJ	Grenoble -----	U. Grenob 1/CNRS/ERA Rech Fondamentale Grenob Cen/Biol Molec&Cellul Lab	EN ATTENTE		1

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CLASSEMENT DES COOPERATIONS GBR/FRA, EN 1984 PAR VILLES ET DOMAINES:

OXFORD

PHY: 8 Collaborative projects

11 Publications

Nb COOP	FRENCH LAB.	BR. AUTHOR	FR. TOWN	FRECH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	U./Nucl Phys	Marage P Marage P Cooper AM	Bures Palais Gif Su Palais	Cens/DPHPHE E.Polytech/Lab Phys Nucl H Cens/DPHPHE E.Polytech/Lab Phys Nucl H	EN ATTENTE		1
1							1
1	U./Physical Chemistry Lab. OX1 3QZ	Ross AJ Barrow R F Cooper D L	Orsay Villeurbanne Orsay Villeurbanne Orsay Villeurbanne	CNRS 11/Lab. Aimé Cotton U.Lyon 1 CNRS 2/Lab. Aimé Cotton U.Lyon 1 CNRS 11/Lab. Aimé Cotton U. Lyon 1	Vergès J Effantin C Vèrges J Effantin C Vergès Effantin C		1
1	U./Clarendon Lab. Parks Road, Oxford OX1 3PU	Stacey DN	Montrouge	ENSJF/Lab de Chm Quantique	Chambaud		1
1	U	Davies J K	Annecy Marseille Orsay	LAPP** U. Aix Marseille 2 Lab Accelerateur Lineaire	Bouard X Aubert JJ Blum D	GBR (3) USA (3) ITA (2) HUN (1) CHE (1) DEU (1) POL (1)	1

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COOPERATIONS BETWEEN GBR AND FRA IN 1984

OXFORD

CLI: 6 Collaborative projects
6 Publications

Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	U./Nuffield Pathol/ John Radcliffe Hosp	Galler KC	Lyon	Hop Ed- Herriot P/Inserm/480	Wells CA		1
1	U./Nuffield/Clin M	Warrell MJ	Lyon	I. Merieux	EN ATTENTE		1
1	U./Sir William Dunn Sch		-	-----	EN ATTENTE		1
1	U./Nuffield Lab. of Ophthalmology Walton Street, Oxford OX2 6AW	Osborne NN	Paris	I. Biol Physico- Chimique	Vigny A	DEU (1)	1
1	U./Exptl Psychol	Garrud P	Villet	U.Paris 13/Ethnol&Sociobio	EN ATTENTE		1
1	Churchill Hosp/Radiothera	Dutreix A	Creteil Villej	Chu Henri Mondor/Radiother I.Gustave Roussy	EN ATTENTE		1

LEPI-CNRS

CLASSEMENT DES COOPERATIONS GBR/FRA, EN 1984 PAR VILLES ET DOMAINES:

OXFORD

PHY

1	U.	Allison W W	Paris ----- Strasbourg	Coll France. Lpc/IN2P3** U.Paris 06/Phys Nucl&H/IN2P3 U.Strasburg 1/CERN/IN2P3	Beillère P Briand H Jegham E	GBR (1) NLD (2) BEL (2) CHE (1) ESP (1) ITA (4) SUN (1) SWE (1) AUT (1)	2
1	U./Inorganic Chemistry Lab. South Parks Road, OX1 3QR	Day P	Grenoble -----	I Max Von Laue Paul Langevin* Lab Diffraction Neut/CEN	D.McK P Regnault LP		1
1	U./Theoretical Physics Dep.	Gehring GA	Orsay	U.Paris 11/Phys Sol Lab	Ferré J		1

*attention ILL= FRA/DEU/GBR

** collab. intern. CERN /Hautes Energies

COOPERATIONS BETWEEN GBR AND FRA IN 1984

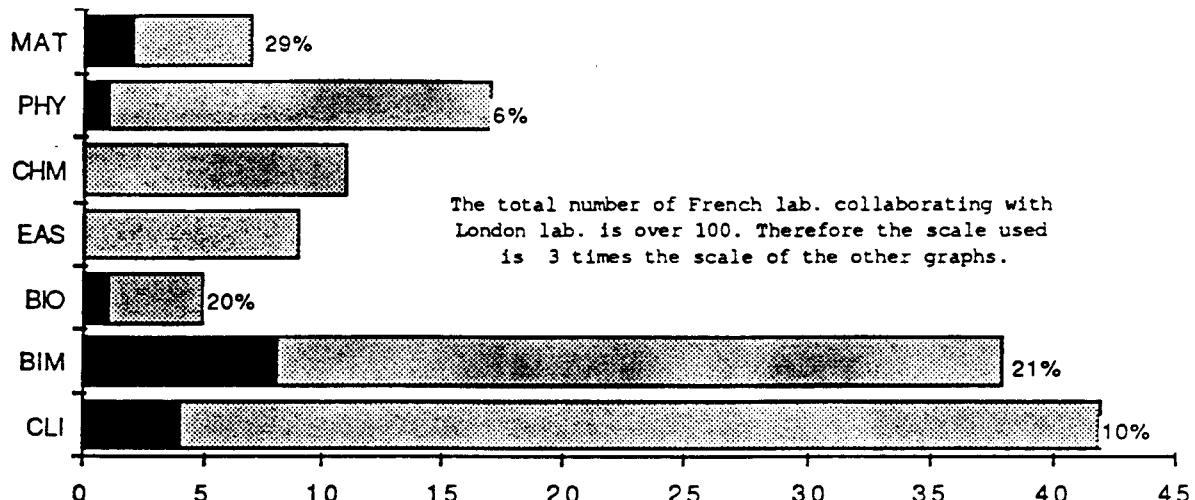
OXFORD

EAS: 1 cooperation
1 publication

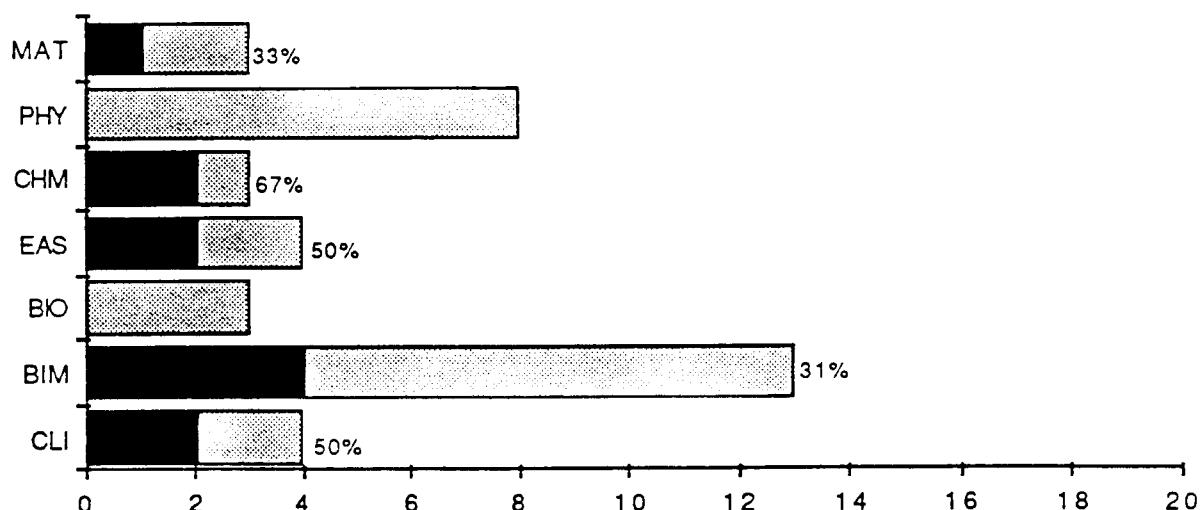
Nb COOP	BRITISH LAB.	BR. AUTHOR	FR. TOWN	FRENCH LAB.	FR. AUTHOR	OTHER LAB.	Nb PUB
1	U./	Antonucc E	Meudon Nice	Observ Paris Observ Nice	EN ATTENTE		1

**% PARTICIPATION OF THE CNRS TO THE FRENCH
SCIENTIFIC COOPERATION WITH LONDON, CAMBRIDGE
AND OXFORD**

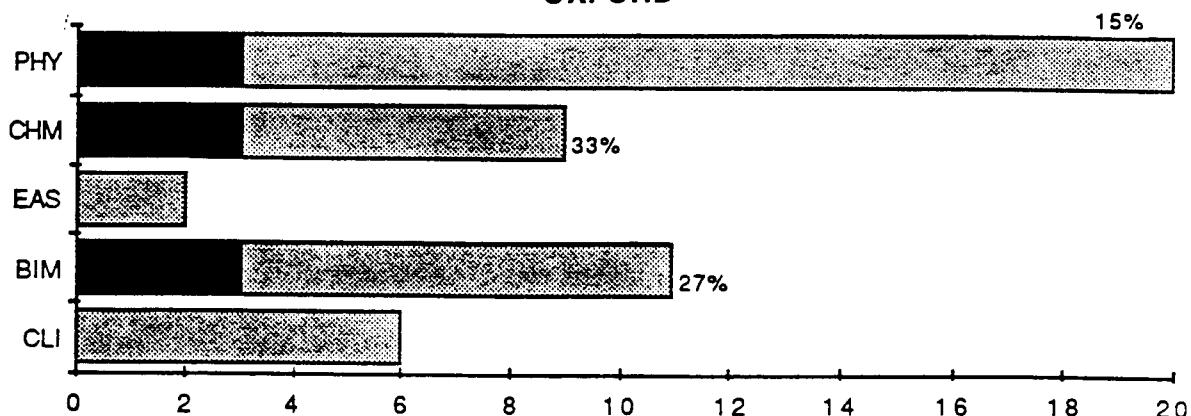
LONDON



CAMBRIDGE



OXFORD



■ Nb. FR. LAB.
■ Nb. LAB.CNRS
 (except CNRS)