

41.00.40
TEL. 41.44.00
41.44.90
TELEX : 23-867

Division des Affaires Scientifiques
Scientific Affairs Division

Dr. N. di Lullo

SL.5-2-05/1105(71)MDL

2nd September, 1971

Dear Dr. Kehoe,

We have received in our office from Dr. Leon Goldman, and Professor Dr. Johanna Vahl, an application for a NATO Research Grant, a copy of which is enclosed, giving your name as one of the referees.

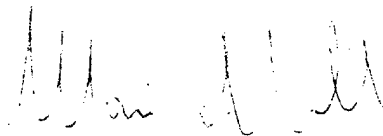
The NATO Research Grants Programme is specially intended to stimulate international collaboration in the basic sciences by making funds available to projects for which international co-operation is essential.

Your assistance in the evaluation of the proposal would be very valuable to our Advisory Panel. In particular, we would welcome your comments on the scientific value of the proposal, the scientists' qualifications and the facilities available, and the possible benefits derived from the international co-operation involved.

A speedy reply would be very much appreciated so that the application can be presented to the members of the Advisory Panel on the Research Grants Programme at their next meeting in October.

Thanking you in advance,

Yours sincerely,



Mario DI LULLO

Dr. R. Kehoe,
Kettering Laboratory,
University of Cincinnati

N 24761

DIVISION DES AFFAIRES SCIENTIFIQUES
SCIENTIFIC AFFAIRS DIVISION

1110 BRUXELLES
Tél. 41.00.40
41.44.00
41.44.90

DEMANDE DE SUBVENTION A LA RECHERCHE APPLICATION FOR RESEARCH GRANT

- 1 - Nom(s) et adresse(s) du (ou des) demandeur(s) : **Leon Goldhamer, M.D.**
Name(s) and address(es) of applicant(s) : **Director, Laser Laboratory**
Children's Hospital Research
3333 Lenoir Avenue and Bethesda
Cincinnati, Ohio 45229
Germany
- 2 - Nom(s) et adresse(s) des principaux collaborateurs appartenant à des pays autres que celui du (ou des) demandeur(s).
Name(s) and address(es) of principal collaborators in countries other than the applicant's:
Dr. Charly Allen
Staff Scientist
Pinkus Research Laboratory
540 Lincoln Street
Waltham, Massachusetts 02154
- 3 - Titre résumé du projet pour lequel la subvention est demandée :
Short title of project for which support is requested : **STUDY OF THE EFFECTS OF LASER RADIATION ON THE METABOLISM OF CHILDREN AS A TEST MODEL FOR ENVIRONMENTAL POLLUTION BY LEAD**
- 4 - Montant des fonds demandés (en dollars américains) :
Amount of funds requested (in US dollars) : **\$13,750 for first year; similar amount for second year**
- 5 - Date prévue pour le début du projet, et durée approximative :
When is it hoped to start the project and for how long is it estimated to continue ?
Project can be started immediately and continued for one year
- 6 - Indiquer toute autre source de financement du projet :
Indicate other sources of finance for the project : **No other funds available for this project.**
Equipment value: \$2,000.00
University funds for portion of salaries.
- 7 - Directeur(s) du projet, si différent(s) de 1 :
Director(s) of project if different from 1 : **None other**
- 8 - Nom et adresse de deux personnes en référence (appartenant de préférence à des pays autres que celui du demandeur) :
Name and address of two referees (preferably in countries other than the applicant's) :
1. Dr. Robert Kohn (lead expert)
Battering Laboratory
University of Cincinnati
Cincinnati, Ohio, USA
Dr. Marc S. Kruse
Centre National de la Recherche Scientifique
Laboratoire de Biologie
1, Place A. Briand
Bellevue, France

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Figure 1

1. The first of these is the fact that the United States has a large and growing population of people who are not citizens of the United States. This is a result of the large number of immigrants who have come to the United States in recent years, and the fact that many of these immigrants are not naturalized citizens.

1. The first of these is the fact that the United States has a large and growing population of people who are not citizens of the United States. This is a result of the large number of people who have immigrated to the United States in recent years, and the fact that many of these people are not naturalized citizens. This is a problem because these people are not entitled to the same rights as citizens, and they are not subject to the same laws. This is a problem for the United States because it is a country of laws, and it is important that all people who live in the United States are subject to the same laws.

1. 凡在本行开立存款账户的客户，均可向本行申请开立支票。

1. The purpose of this report is to provide information on the results of the investigation of the alleged activities of the [redacted] in the [redacted] area.
2. The investigation was conducted by the [redacted] and the [redacted] on [redacted] and [redacted].
3. The results of the investigation are as follows:
- a. [redacted]
 - b. [redacted]
 - c. [redacted]
 - d. [redacted]
 - e. [redacted]
4. The investigation has revealed that the [redacted] is active in the [redacted] area and is engaged in [redacted] activities.
5. It is recommended that the [redacted] be kept under close surveillance and that the [redacted] be kept informed of any developments.

On the other hand, it is also true that the soil is not a homogeneous mass. It is a complex of many different materials, and its properties are determined by the nature and distribution of these materials. The soil is also a dynamic system, and its properties change over time and space. Therefore, it is essential to study the soil as a complex, dynamic system, and to take into account the many factors that influence its properties and behavior.

KE 00399

...the project involves co-operation with ... describe the type of co-operation ...

Budget établi pour la subvention demandée. Prière de donner tous les détails sur :

- (a) type et coût de tous les équipements demandés ;
- (b) nature et coût de tous les produits de consommation ;
- (c) détails de toutes les dépenses de voyage ;
- (d) dépenses de personnel ; spécifier les détails, salaires, durée d'engagement, qualifications, etc... ;
- (e) toute autre dépense proposée.

Budget for grant requested. Please give full details of :

- (a) type and cost of any equipment requested ;
- (b) nature and cost of any consumable supplies ;
- (c) details of any travelling expenses ;
- (d) expenses for staff ; specify salaries, length of engagement, qualifications, etc... ;
- (e) any other proposed expenses.

It is important to note that the expensive sophisticated laser instrumentation and the X-ray and microwave instrumentation are all available. The moderate costs relate to the sampling and:

- a. the equipment - the development of plastic chambers so hair sampling can be done for micro-emissions spectroscopy without contamination from the chamber. The hair must be suspended without contamination, in space so that the laser emission spots concern only the hair shaft. X-ray is needed to develop this type of chamber.
- b. Costs of analyses (laser microprobe) five year for 70 analyses with 3 analyses each over a period of one year - total 70 analyses -
atomic absorption control test
lead analysis in blood urine

c. Costs of Staff

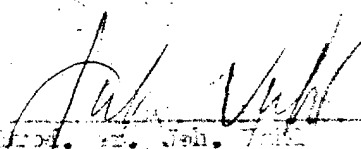
USA - Dr. Leon Goldfarb	2000.00
Epidemiologist Local Police Laboratory	1000.00
Part Time Anatomical Services	1000.00
Part Time Technician	1000.00
Mail Services for specimens	50.00
Travel Expenses -	50.00
Germany - Dr. Johannes Vohl	1000.00
Part Time Technician	1000.00
Travel Expenses - for visits to respective laboratories and meetings in respective countries	50.00
Mail Services for specimens	50.00

12

Date et signature(s).

Date and signature(s).


 Dr. Leon Goldfarb
 Director, Laser Laboratory
 Medical Center
 University of Cincinnati
 Cincinnati, Ohio 45229
 U.S.A.


 Dr. Johannes Vohl
 Institut für Mikroskopie
 Universität
 Medizinische Fakultät
 Bonn
 Germany

00401