

senyfundació

Schizophrenia Research Foundation



Annual Report 2005

Català Español **English**

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The **SENYFoundation** is a private non profit making foundation created in 1996 with the main aim of promoting research into schizophrenia and chronic mental illnesses. **SENYFoundation** is registered with The Autonomous Government of Catalonia Foundation Register and classified as a welfare and scientific benefit foundation by resolution 10-07-1996. Registration number 998.

Those interested in receiving a copy of this document should contact:
SENY Fundació Privada • Diputació, 238 àt. 1a • 08007 Barcelona • Tel.: (34) 93 302 30 10
seny@senyfundacio.org • <http://www.senyfundacio.org>

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PRESENTATION

I am pleased to present this report on the activities of **SENYFoundation** for 2005. This year has been one of great activity for our foundation in the three key areas of operation.

In the area of research, there has been a new research award program for schizophrenia projects. This open call for project proposals has been very well received by both the national and international scientific community. The quality of the projects presented has made the task of evaluation by the two (national and international) project evaluation committees (peer-reviewed) difficult although highly stimulating. We would especially like to thank Dr. Camí (President of the National Committee) and Dr. Torrey (President of the International Committee), as well as all the other expert reviewers, for their help and enthusiasm in this initiative. The financial grant of more than 250,000 Euros has already been committed to the project "*Genetics and neuroimaging markers of schizophrenia*", under the direction of Dr. Crespo-Facorro as principal investigator (University Hospital Marqués de Valdecilla, Santander). Our congratulations to all the researchers who presented proposals and research topics.

Working in networks, in other words institutional collaboration with professionals and research centres, has continued notably to bear fruit. Three collaboration projects are underway which deal with three research topics of relevance to schizophrenia research in Spain. The results of the second edition of the bibliometric analysis on schizophrenia research in Spain (1999-2004) are already available. The results and conclusions of this study are detailed in this report and are downloadable on our web page.

The financial help from Fundació "la Caixa" (The Caixa Foundation) and *l'Agència d'Avaluació de Tecnologia i Recerca Mèdiques* (AATRM) (Catalan Agency of Health Technology

Assessment and Research) has allowed us to advance significantly with the project "Salud Familiar y Esquizofrenia" (Family Work and Schizophrenia). This is a project which attempts to verify the effectiveness of family work interventions in Catalonia.

Finally, the multi-centred project "Validación de instrumentos de medida" (Validation of measurement instruments and scales in mental health), will allow us to have validated instruments on insight, global functioning of the patients, and quality of life and prognosis of the illness.

In the area of capacity building and training of professionals, a timely supervision course on the technique "Family Work" was given by Professor Leff to those professionals who attended the initiation course at the Institute of Psychiatry of London. As is the custom in **SENYFoundation** we have continued to give grants and offer financed assistance for professionals to attend selected courses, international conferences, and also to carry out periods of research abroad. The now traditional intensive course on scientific presentations in English benefited from the invaluable help of Stephen Kelly.

In the area of the dissemination of information and of scientific knowledge our webpage plays an important role www.senyfundacio.org. As you know, it is a webpage of services, for information about the activities of **SENYFoundation**, for the materials which have been published as well as for news from the scientific world backed by scientific rigour and quality.

SENYFoundation has been present in several national and international conferences and symposiums. This presence has allowed us to keep up to date with the most recent trends in the knowledge of this illness, its etiology and advances in its treatment. Some of the most

notable conferences were the International Congress on Schizophrenia Research (Savannah, April 2005), the *IX Congreso Nacional de Psiquiatría* (The IX National Conference on Psychiatry) (Pamplona, October 2005), the *VI Congreso Multimodalidad de Resonancia Magnética* (VI Multi-modality Conference on Magnetic Resonance) (Valencia, November 2005) as well as other national and international symposiums and meetings. These became not-to-be-missed dates for their interest and relevance, as well as opportunities to raise the profile of the **SENYFoundation**.

All of this activity has been possible thanks to the collaboration and work of many people and professionals of our country. We are grateful as a foundation to all those people and institutions, both public and private, which one way or another have contributed to make it possible. Thanks to all.

Jordi Masià Mas-Bagà
President
SENYFoundation



SCHIZOPHRENIA

Schizophrenia is a serious mental illness which affects 1% of the population. In Spain alone, it is estimated that there are some 400,000 people affected by this illness. The illness usually involves a loss of contact with reality and a functional deterioration regarding many aspects of life. It also affects the families of these patients, as it means an increase in their responsibilities, as well as the healthcare systems and society on a whole owing to the elevated economic and social cost involved. The stigma associated with mental illnesses has also meant that for many years, sufferers have been avoided or hidden away. Today, thanks to the participation of the scientific community as well as society itself, this is changing.

Currently, we know that it is an illness which is biologically based, even though we do not know its causes in any great depth.

There is no cure for schizophrenia. Drugs and treatments which are more or less effective do exist, which above all control the symptoms, even though they do also frequently cause undesirable side effects. Research into this illness becomes fundamental when looking to the future. Neither a cure, nor hope for improvements will be achieved without the contribution of rigorous and quality research.



OBJECTIVES AND MISSION

The **SENYFoundation** is a private non profit making foundation, founded in 1996 with the objective of promoting research in the field of schizophrenia and severe mental disorders.

Our mission is to be a point of reference for all those professionals interested in mental health, as well as a centre for the promotion and provision of basic, clinical and social research, training and the management of knowledge.

This mission is based on three focal points around which all of our activities revolve:

- **The promotion of basic, clinical and social research.** To facilitate and boost research in the area of serious mental illnesses in order to improve knowledge about it, its causes and its treatment.

- **Training of professionals.** To contribute to the training of the professionals of the future, offering them methodological and practical resources which will allow them to improve the quality of their research and the clinical assistance that they provide.
- **Dissemination and communication.** To actively spread scientific and social knowledge about the illness, its treatment and the effects of it.



THE BOARD AND INTERNAL ORGANISATION

SENYFoundation trust is comprised of the following members:

President:	Jordi Masià Mas-Bagà
Vice-president:	Francesc Enrich Muls
Members:	Albert Camp Puigdomènech Imma Camp Vila Emili Cuatrecasas Figueras Pedro Fontana García Ramon Guardans Vallès Carlos Jané Camacho Joan Majó Cruzate Ernest Maragall Mira Joan Artur Margenat Padrós Ignasi Masià Figueras Pere Masià Figueras Casimiro Molins Ribot Antoni Negre Villavecchia Gerardo Salvador Coderch Antoni Sansalvadó Tribó Joan Antoni Samaranch Torelló Juan M. Torres Riera Antoni Vila Casas
Secretary:	Raimon Bergós Civit

Internal Organization:

Managing Director:	Pedro Gallo de Puelles
Psychologist and researcher:	Gemma Escartin Martin
Psychologist and researcher:	Sílvia Noguer Carmona
Tecnical Secretary:	M ^a Jesús García Suárez
Collaborators:	Mireya García-Durán Huet, Javier Goti Elejalde



ACTIVITIES, PROJECTS AND SERVICES

PROMOTION OF BASIC, CLINICAL AND SOCIAL RESEARCH

PRESENTATION OF THE RESULTS OF THE 1999 SENYFoundation-AATRM SCHIZOPHRENIA RESEARCH PROJECT TENDER

April 26, 2005 at the headquarters of the Departament de Salut de la Generalitat de Catalunya (Department of Health of the Catalonia Regional Government) the presentation of the final results of the winning projects in the schizophrenia research tender of 1999 **SENY Foundation-AATRM** took place. The ceremony was attended by Dr. Marina Geli (Ministress of Health), Dr. Joan Pons (Director AATRM), Mr Jordi Masià



Public presenting of projects results Open Tender SENYFoundation-AATRM 1999

(President of **SENYFoundation**), as well as by all the principal investigators of the projects financed.

The scientific production resulting from these projects has been notable. At time of publication of this annual report 2005 there have been a total of 14 scientific articles (2 of which have been published in international journals), 43 oral communications to conferences and 9 books, scientific reports and other documents. A scientific compendium of the projects presented can be consulted online via the website of SENYFoundation www.senyfundacio.org and the AATRM website www.aatrm.net



We include here a, necessarily brief, summary of the results presented.

Dr. Tizón, (project: 02E/99 ALERT SIGNS AND PRODROMIC SYMPTOMS OF SCHIZOPHRENIA IN A HEALTH CARE DELIMITED POPULATION)

emphasised the sum of psycho-social risk factors that both patients of schizophrenia and those with "other psychosis", for example his children, suffer from and the importance of carrying out research on this group of patients via primary care providers.

Scientific production:

Scientific articles 9: *Archivos de Psiquiatría* (2), *Revista de la Asociación Española de Neuropsiquiatría*, *Atención Primaria*, *Revista de Psicoterapia Psicosomática*, *Formación Médica Continuada*, *Intersubjetivo/Intrasubjetivo*, *Revista de Psicopatología y Salud Mental del Niño y del Adolescente*

Communications in congress (oral communications or poster sessions) 4: international (2), national (2)

Others 9: Books and scientific reports; other documents

Dr. Vilalta, (project: 33E/99 RISK FACTORS OF THE DEFICIENCY SYNDROME IN SCHIZOPHRENIA)

stressed that a quarter of hospitalised patients with schizophrenia have or develop a deficit syndrome. These patients already presented a lower premorbid adaptation despite not obtaining significant differences from the other patients in the neurological tests obtained at the moment of mental imbalance.

Scientific production:

Communications in congress (oral communications or poster sessions) 3: national (3)

Dr. Garrido, (project: 10E/99 ESTABLISHMENT OF SCHIZOPHRENIA NEUROPSYCHOLOGIC SUBTYPES RELATED TO THE SYNDROMIC HETEROGENEITY OF THE DISORDER: DIAGNOSTIC UTILITY AND ORIENTATION OF TREATMENT)

underlined the fact that the results given by the study identify which are the neural-psychological subtypes which shape the cognitive heterogeneity of the people who suffer from schizophrenia. These results contribute to understanding the pathophysiology of the illness and to the advancement of the development and implementation of both pharmaceutical and psychological therapeutic strategies.

Scientific production:

Communications in congress (oral communications or poster sessions) 2: international (2)

Dr. Sarró, (project: 14E/99 SCHIZOPHRENIA: DETECTION AND ASSESSMENT OF DEPRESSIVE SYMPTOMS) presented the verification of the *Calgary Depresión Scale for Schizophrenia* (CDSS) a scale of reference for the evaluation of depressive symptoms in schizophrenia, which will allow epidemiological data to be compared and will allow participation in international studies.

Scientific production:

Scientific articles 3: Schizophrenia Research, *Actas Españolas de Psiquiatría, Informaciones Psiquiátricas*
Communications in congress (oral communications or poster sessions) 3: international (2), national (1)

Dr. Fañanás, (project: 24E/99 GENETIC STUDY ON THE PREDISPOSITION TO SUFFER FROM SCHIZOPHRENIA AND TO THE THERAPEUTIC RESPONSE, DEPENDING ON INDIVIDUAL VARIATIONS OF DOPAMINERGIC AND SEROTONINERGIC RECEPTORS) stressed the implications in the identification and definition of genotypes of vulnerability for schizophrenia in relation to the expression of these genotypes and the therapeutic response to them. This will allow treatment programs and the possible prevention of mental disorder.

Scientific production:

Communications in congress (oral communications or poster sessions) 2: international (2)

Dr. Rico, (project: 16E/99 SAFETY AND EFFECTIVENESS OF ANTIPSYCHOTIC TREATMENT COMBINED WITH GROUP PSYCHOTHERAPY IN PATIENTS WITH PSYCHOTIC CRISES) pointed out the importance in psychotic crises of a combined treatment of risperidona with group psychotherapy compared to no treatment or to a single treatment just with drugs or with psychotherapy.

Scientific production:

Communications in congress (oral communications or poster sessions) 7: national (7)

Dr. Obiols, (project: 17E/99 PSYCHOEDUCATION AND EARLY ADOLESCENT DETECTION PROGRAMME FOR YOUNG-AGE ONSET PSYCHOTIC DISORDERS) warned that the results obtained in his study reveal that in the general adolescent population one can find subjects with endophenotype disorder similar to those found in inpatient care settings. This data supports the idea of the possible early detection of psychotic disturbances in juveniles.

Scientific production:

Scientific articles 2:
Journal of Psychology and Psychological Therapy, Revista de Psicopatología y Psicología Clínica
Communications in congress (oral communications or poster sessions) 16: international (9), national (7)

"ES MUY IMPORTANTE DAR CONTINUIDAD A LA INVESTIGACIÓN"



Jordi Masià, fundador de Seny, en el Departamento de Salud.

"Es muy importante dar continuidad a la investigación", ya que de lo contrario, los resultados se pierden, ha afirmado Jordi Masià, fundador de la Fundación Seny (vocablo catalán que podría traducirse como sentido común y que hace referencia al cerebro). La Fundación Seny que se dedica, entre otras funciones, a financiar proyectos de investigación en esquizofrenia trabaja en estrecho contacto con la Fundación Stanley, con la que Masià contactó a través del doctor E. Fuller Torrey. Su sede está en Washington y es, hoy por hoy, la más importante del mundo. Para junio de este año 2005, la Seny está organizando un concurso por valor de 300.000 euros para financiar un solo proyecto. El comité de selección tendrá una composición mixta, ya que formarán parte de él expertos de Seny y de Stanley. De este modo, aunque esa considerable cuantía recaiga en un solo de los trabajos candidatos, la Stanley podrá ojear otros y reconsiderarlos en el futuro, ha explicado Masià.

Interviewing Mr Masià, President of SENYFoundation (*Diario Médico*, 29th April 2005).
["It is crucial that research in Schizophrenia benefits from continuity in the funding"]

Dr. Farriols, (project: 27E/99 ASSESSMENT OF THE IMPACT OF PSYCHOSOCIAL INTERVENTION PROGRAMMES IN SCHIZOPHRENIC PATIENTS: GROUP TREATMENT AND HOME CARE) concluded that group psycho-social intervention for people with schizophrenia has a positive impact on the improvement in quality of life, self perception and increase in self esteem, as well as on the reduction in symptomatology and in relapses. It was also emphasized that telephone contact is sufficient to strengthen the link between the patient and mental health institutions.

Scientific production:
Communications in congress (oral communications or poster sessions) 6: international (2), national (4)

2005-SENYFoundation OPEN CALL FOR RESEARCH PROJECT PROPOSALS IN SCHIZOPHRENIA.

In May 2005, SENYFoundation was the driving force for the II Convocatoria de Investigación en Esquizofrenia 2005 (II Open Call for Research Project Proposals in Schizophrenic 2005) with a grant of up to 300,000€ for a single winning project. The rules for application and the application form (all in English) were made available to the professionals via the webpage of the foundation. On June 30, 2005 the application period was closed, after receiving a total of 16 research proposals from national and international groups.

Two evaluation committees were formed, a national one presided over Dr Jordi Camí and an international one presided over Dr Fuller Torrey. All the projects were reviewed by three or more evaluators. The board of governors of SENYFoundation, following the recommendations of the two scientific committees, decided 27 September 2005 to grant financial help of more than 255,000€ to the project "Genetics and neuroimaging markers of schizophrenia". The winning project is headed as principal investigator by Dr Crespo-Facorro (Hospital Universitario Marqués de Valdecilla, Santander). Researchers from Santander, Pamplona, London and Seoul participate in the project.

KEY ELEMENTS OF THE WINNING PROJECT

Title:

Genetics and neuroimaging markers of schizophrenia

Principal Investigator:

Dr. Benedicto Crespo Facorro

Centre: Hospital Universitario Marqués de Valdecilla, Santander, Spain

Amount granted: 255.750 €

Reserachers in the project

- Prof. Vázquez-Barquero, Dr. Pérez-Iglesias, Dr. Roíz. Department of Psychiatry, University of Cantabria Santander, Spain
- Dr. Arranz. Pharmacogenetic Division, Institute of Psychiatry, London
- Dr. Mata. Fundación Argibide, Pamplona, Spain
- Prof. Kim y Prof. Park. Departament of Psichiatriy and Nuclear Medicine, Yonsei University of Seoul, South Corea

Objetive: To study in depth the presence of genetic and brain image markers and their relationship with clinical and cognitive aspects of schizophrenia.

The advertising of the research award program and its later resolution was carried out in national newspapers and journals such as, *La Vanguardia*, *El País*, *ABC*, *Las Provincias de Valencia*, as well as in other local newspapers and digital media (www.psiquatria.com).

We would like to thank the nearly twenty evaluators that participated in this process as well as all those researchers who presented research proposals within the tender.

BIBLIOMETRIC ANALYSIS OF SCHIZOPHRENIA RESEARCH IN SPAIN (1999-2004): ANALYSIS OF COLLABORATION AMONG AUTHORS (2nd Edition)

This second edition of the study was carried out in collaboration with the AATRM (Catalan Agency for Health Technology Assessment and Research) and researchers in the IMIM (Municipal Institute for Medical Research of Barcelona).

The main objective of the study consisted of demonstrating, by means of bibliographic methods, the scientific production of research into schizophrenia in Spain. It also involved obtaining a map of effective collaborations among authors and research centres, by bringing to light the existing behind the scenes networks and schools of thought. This study enables you to know the output of Spanish researchers from the various hospitals, universities and other Spanish research centres, and also their international collaboration.



Oral presentation of study results at the IX National Congress of Psychiatry, Pamplona, 2005. Left to right, *Silvia Noguera* and *Toni Parada* (AATRM)

All scientific original articles and review articles published from Spanish centres, both in national and international magazines indexed in (national and international) bibliographic databases and belonging to the period 1999-2004 have been gathered together and analysed.

We believe that this information is of great interest and value both for the researchers themselves and for the national and international agencies which finance research. Making the efforts of the researchers and research groups visible is not only necessary, but is also essential to bring research closer to society.

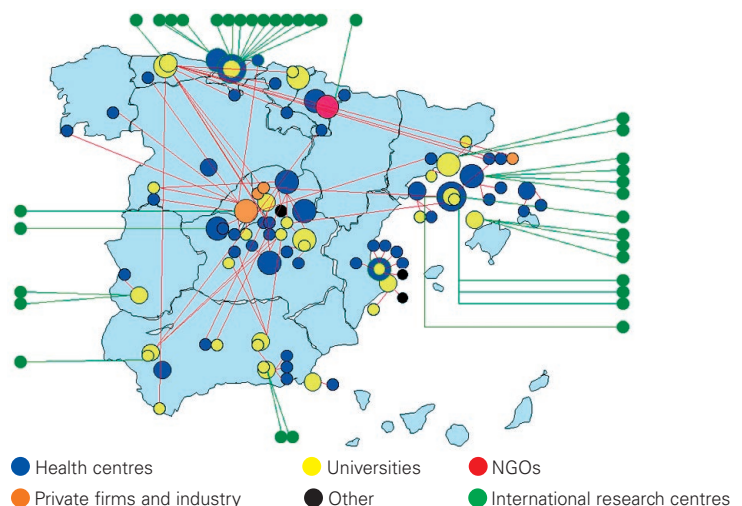
We currently have preliminary results corresponding to the analysis of 90% of the total number of articles included, in which

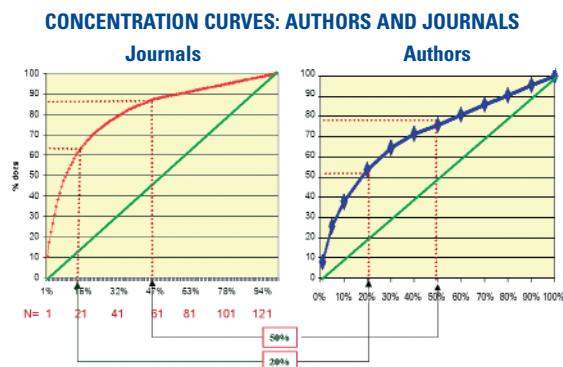


Oral presentation of study results at the IX National Congress of Psychiatry, Pamplona, 2005. *Silvia Noguera* (SENyFoundation)

1160 authors belonging to 363 institutions have been identified. This data was presented in an extraordinary oral presentation within the IX National Congress of Psychiatry which took place in Pamplona, Spain, October 24-28, 2005, and in the XI Jornadas Nacionales de Información y Documentación en Ciencias de la Salud which took place in Terrassa, October 6-8, 2005. The presentation slides are available in PDF format in our webpage (www.senyfundacio.org). We hereby include two figures presenting two of the main findings in the study. It is estimated that the study will be completed during the first semester 2006, and will include a total number of over 600 articles published in more than 130 different journals.

COLLABORATION AMONG RESEARCH GROUPS ON SCHIZOPHRENIA IN SPAIN.





FAMILY WORK AND SCHIZOPHRENIA

The project "Salud familiar y esquizofrenia: intervención y evaluación multicéntrica sobre la efectividad del trabajo familiar en esquizofrenia" (Family Work and schizophrenia: multi-centred assessment of the effectiveness of 'Family Work' intervention in Catalonia, partially funded by Fundación "la Caixa" (La Caixa Foundation), obtained the recognition and complementary financing in 2005 from the AATRM in its public competitive research tender on clinical and health services research projects, published in DOGC n° 4214, September 8, 2004.



Some members in the Family Work working group. Left to right Gemma Hurtado, Cristina Doménech, Montserrat García, Maria Reinales and Sílvia Noguer

The objective of this project is to evaluate the effectiveness of family intervention according to the "Family Work" model, with regard to the social functioning and the evolution of the illness in patients with schizophrenia, and burden of the disease upon family members.

It is a multi-centred study, coordinated by **SENYFoundation** with the partnership of the following centres: *Corporació Sanitària Parc Taulí (Sabadell)*, *l'Hospital Clínic (Barcelona)*, *Centre Assistencial Dr. Emili Mira (Santa Coloma de Gramenet)*, *Institut d'Assistència Sanitària de Girona (IAS)-Parc Hospitalari Martí i Julià (Salt)*, and *Sant Joan de Déu – Serveis de Salut Mental (Sant Boi de Llobregat)*. In this study we monitor 20-25 families receiving "Family Work" intervention from professionally trained psychologists and psychiatrists per psychiatrist. "Family Work" intervention pays special attention to the emotions expressed by families and relatives. In some of the cases the professionals travel to the family home to carry out the work sessions.

SENYFoundation has been training professionals in this technique for the last 4 years, by awarding grants and covering travel expenses to training courses in the London Institute of Psychiatry, and by organising annual supervision meetings with Professor J. Leff himself in Barcelona.

It is expected that the first results of the study will be available during 2006.

VALIDATION OF SCALES IN MENTAL HEALTH

The project "Validation of measurement instruments and scales in mental health" started at the end of 2004 and the beginning of 2005. It is a collaboration project between research centres and health centres, which will allow the use of validated versions of international scales. Making these scales available in Spanish is essential for the day-to-day work of a researcher or a professional in mental health.

An exhaustive search has been carried out which has allowed the identification of non-valid instruments. From this information a group of experts rated unvalidated scales according to need and relevance criteria. The scales finally selected are:

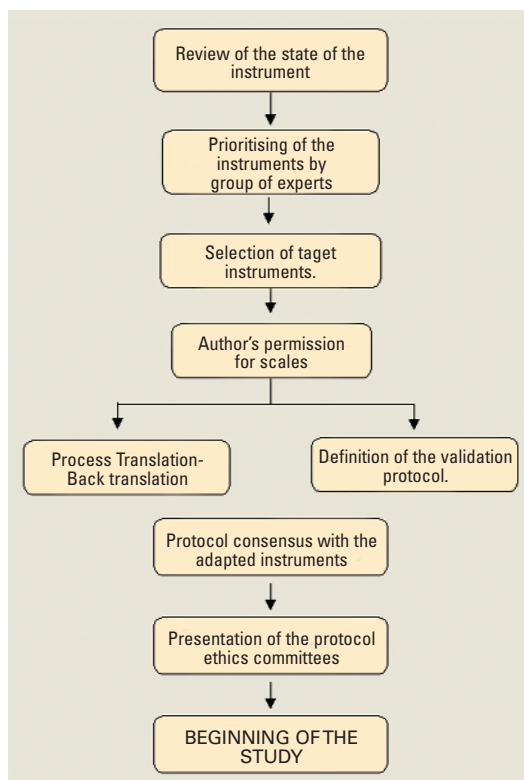
- Strauss-Carpenter Scale.
(Strauss JS, Carpenter WT, 1972).

- Global Assessment of Functioning Scales. (DSM-III-R)
- Beck Cognitive Insight Scale. (Beck AT, 2004)
- Satisfaction with Life Domain Scale. (Baker and Intagliata, 1982)

A research group was formed which participated in the process of the translation and adaptation of the abovementioned instruments. To this aim, monthly meetings were held for defining the protocol as well as achieving consensus in the translation and back-translation of the scales. Members of the group include professionals of *Hospital Clínic (Barcelona)*, *Consorci Sanitari del Maresme (Mataró)*, *Hospital Sant Joan de Deú – Serveis de Salut Mental (Sant Boi de Llobregat)*, *Hospital Universitari Pere Mata (Reus)* and **SENYFoundation**.

With this aim, monthly meetings were held for defining the protocol of the study as well as later meetings for achieving consensus in the translation and back-translation of the scales.

SUMMARY OF THE PROCEEDINGS PREVIOUS TO THE BEGINNING OF THE STUDY



Once the protocol was written and approved by the work group, it went on to be approved by the ethics committees of each centre.

The project is now well underway and the results are expected the second semester 2006 .

TRAINING

"FAMILY WORK" SUPERVISION COURSE

This has been the second consecutive year that **SENYFoundation** has organised the supervision course in the "Family Work" technique in Barcelona for those professionals trained in the London Institute of Psychiatry. The supervision course took place November 3 and 4, and was coordinated by Professor Julian Leff, who declared himself satisfied with the way this therapy technique is being introduced into the different primary mental health care services in Catalonia.



Participants in the Family Work supervision course. Left to right, Esther Pousa, Montserrat Dolz, Mª Cruz Negro, María Reinales, Laia Blanqué, Núria López, Dolors Serra and Prof. Julian Leff.

The different individual case-studies brought up for discussion by professionals were enriching for all. Professor Julian Leff was interested in some of the Catalan families studied as candidates to include them in his next book devoted to tackling particularly complex families.

SENYFoundation INTENSIVE PRESENTATION COURSE, (3rd Edition)

In 2005 the 3rd edition of the course "Intensive Presentation Course" took place July 11 to 14. The course consisted of 12 hours of theoretical and practical cases produced by Professor S. Kelly. The contents of this last edition of the course were the following:

COURSE CONTENT

The presentation environment and equipment

Preparation and structuring of content

Effective openings – techniques

Audience management

Using your voice

Signposting – Helping the audience to follow you

Effective endings

Dealing with questions



Course participants

GRANTS

SENYFoundation awarded grants and financed travel expenses in 2005:

- 1 grant and financed travel expenses for the International Congress on Schizophrenia Research. Savannah, United States, from April 2 to 6.

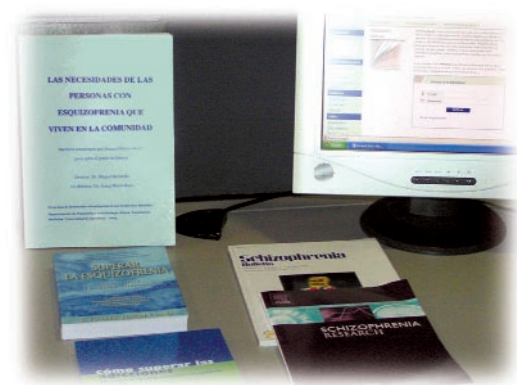
- 1 grant and one financed trip for Miss Esther Pousa for a three month research stay in the *Department of Cognitive Neuropsychiatry (Institute of Psychiatry)* in London, to complete the analysis of data, study and evaluation of the results phase of the project "*Exploratory study of the association between Insight and Theory of Mind (ToM) in stabilized schizophrenic patients*" as part of her PhD thesis.



Esther Pousa at the Institute of Psychiatry of London

DISSEMINATION AND COMMUNICATION

DOCUMENT CENTRE



Document Centre resources

The SENYFoundation library is available to all professionals. The objective is to achieve a large, easily accessible library specializing in schizophrenia. It can be consulted through our website www.senyfundacio.org or at our head office.

During 2005, the document base was increased with national as well as international books, and with a subscription to a new magazine. Therefore, at this time the library has the following specialized and high scientific interest magazines available:

- Schizophrenia Bulletin (from vol. 17, no. 2, 1991 to the 1st quarter of 2004; and vol. 31 n° 2, 3 and 4, 2005)
- Schizophrenia Research (from vol. 47, no. 1, 2001 to present date)
- Archives of General Psychiatry (from vol. 54, no. 3, 1997 to present date)
- The Barcelona School of Medicine journal of psychiatry (vol. 29, no. 6, 2002 to present date)
- Prostaglandins Leukotrienes and Essential Fatty Acids (vol. 70 no. 1, 2, 3, 5, 6, vol. 71 no. 1, 2, 3, 4, 5,6 and vol.72 n°1 y 2)
- **NEW** Anales de Psiquiatría (vol. 21 n°1 2004, to present date)

PhD THESIS 2005

The bibliographic base was increased during 2005 with the acquisition of new Spanish doctoral thesis in schizophrenia. At this time, the number of doctoral thesis provided by their authors is 31.

1. Hospitalisation course in patients suffering from schizophrenia. Analysis of three psychiatric case histories. Josep Maria Haro Abad. Bellaterra, 1995
2. Expansion of type CAG repeated trinucleotides in schizophrenia. Lourdes Martorell Bonet. Reus, 1998
3. Phenotype and neuropsychological characteristics of personality in parents not affected by schizophrenic patients. Beatriz Caparrós Caparrós. Girona, 1999
4. Characteristics of phosphorylation of the protein associated with microtubules 2 in its proline-rich region. Carlos Sánchez Martín. Santander, 1997
5. Efficacy of a psychosocial intervention in a group of chronic psychotic patients. Núria Farriols i Hernando. Barcelona, 2001
6. Validation of a programme of assessment and modification of behaviour applied to families and/or those closest to people diagnosed of schizophrenia. Beatriz Terrassa Blázquez. Palma de Mallorca, 2001
7. Risk in psychopathology in offspring of psychotic patients. Juan Manuel Blanque López. Barcelona, 1993
8. Psychophysiology of the cognitive processes in schizophrenias. José Ignacio Robles Sánchez. Madrid, 1994
9. Familial therapeutic orientation in schizophrenia: development in families and patients. Carles Ballús Creus. Barcelona, 1996
10. Schizophrenia, chronicity and quality of life. Rafael Touriño González. Las Palmas de Gran Canarias, 2001
11. Study of inhibitory mechanisms in visuo-spatial attention: inhibition of return in visual interference tasks. Ana Belén Vivas Navarro. Almeria, 1999
12. Cerebral blood flow in schizophrenia patients and healthy controls throug PET-H215O using an auditory attention paradigm. Pilar López García. Pamplona, 2001
13. Neuropsychological rehabilitation of the schizophrenic patient. Rafael Penadés. Barcelona, 2002
14. Assessment of the efficacy of a training programme in social skills for people suffering from schizophrenia. Roser Cirici. Barcelona, 2000
15. Prenatal suffering and genetic variability as causative factors of schizophrenia and schizophrenia spectrum disorders phenotype. Araceli Rosa i de la Cruz. Barcelona, 2002
16. Study regarding the cognitive performance of patients in the first stages of schizophrenia and their evolution after one year of treatment for the illness. Maite Garolera i Freixa. Barcelona, 2003

17. **NEW** Genetic variation in serotonergic system genes: vulnerability for major depression and pharmacogenetics of response to SSRI antidepressants. Barbara Arias Sampériz. Barcelona, 2003
18. Spanish authors' concept of schizophrenia using the Spanish psychiatric publications (1939-1975). Fernando Dualde Beltrán. Valencia, 2004
19. Therapy provided to severely deteriorated psychotic patients using animals. Antoni Mayol Pou. Palma, 2002
20. **NEW** Cognitive rehabilitation in schizophrenia: Application of APT (Attention Process Training). Beatriz López Luengo. Madrid, 2000
21. **NEW** The needs of people with schizophrenia who live in the community. Susana Ochoa. Barcelona, 2004
22. **NEW** The perception of social signs in schizophrenia and bipolar disorder. Bárbara Echevarría. Deusto, 2004
23. **NEW** Genetic risk factors for schizophrenia: Analysis of genetic variation of dopaminergic (DRD2 and DRD3) and serotonergic receptors (HTR2A and HTR2C). Mar Fatjó-Vilas. Barcelona, 2004
24. **NEW** Structural neural imaging in first psychotic episodes with first appearance in infancy and adolescence. Dolores M. Moreno. Madrid, 2004
25. **NEW** Statistical segmentation of magnetic resonance imaging. Joan D. Gispert, 2003
26. **NEW** Evolution of negative symptoms psychosis which has never been treated. Francisco Javier Manzanera. Murcia, 2003

The following theses may be accessed directly at www.tdx.cesca.es:

27. Expressed emotion in a Costa-Rican sample of schizophrenic patients. Silvia Sánchez Oller. Bellaterra, 2001
28. Neuroanatomical and neurofunctional bases in attention disorder in schizophrenia: a magnetic resonance study. Pilar Salgado Pineda. Barcelona, 2003

29. **NEW** Evaluation of neural-conducting effects from the exposure to manganese in test animals. The influence of stress. Margarita Torrente. Rovira i Virgili, 2002
30. **NEW** Research and development into abaperidona, a new anti-psychotic 5HT2A/D2 and alfa1-adrenérgico. In vitro and in vivo predictive models of efficiency and adverse effects. Marta Princep. Barcelona, 2004
31. **NEW** Reciprocal control between the pre-frontal cortex and the raphe nuclei. Role of serotonin receptors. M. Victoria Puig. Barcelona, 2004

TECHNICAL NOTES

In 2005 **SENYFoundation** edited a series of **Technical Notes** on advances in schizophrenia research, including the latest results and studies published in each area studied:

- **Secretine in the treatment of schizophrenia**, Javier Goti. March 2005.
- **Celecoxib in the treatment of schizophrenia**, Javier Goti. April 2005.
- **Valacyclovir in the treatment of schizophrenia**, Javier Goti. May 2005.



Technical Notes series

SENYFoundation WEB PAGE

During 2005, the **SENYFoundation** worked to be able to offer a more dynamic web site, aimed at the professional's needs and with additional services. This new communication tool is finally up and running (www.senyfundacio.org) and is available to all professionals and those interested in the research into severe mental disorders. We would also like this new framework of interrelation to offer a new environment for network collaboration.

The main services offered by the web are:

- **Current information about the SENYFoundation** and its research, training and educational activities.



SENYFoundation home page

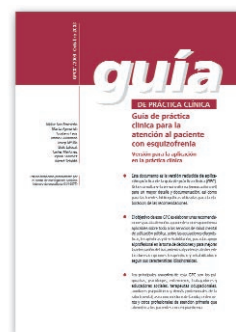
- **News about schizophrenia.** On the home page there is a list of the latest treatments, research, grants, conferences, etc. The news is updated twice a week by the SENYFoundation itself.
- **Virtual library.** The document base can be accessed through our web site and reservations of the required bibliographic resources can be made. The SENYFoundation offers this service free to the whole of Spain with the aim of facilitating access to useful information for research and training purposes.
- **Documental resources.** It includes links which may be useful when searching for information about psychiatry, and links with medical evidence based Data Bases, pharmacology, etc.
- **Material published by the SENYFoundation.** Over recent years, the SENYFoundation has participated in the creation and publishing of a variety of books and documents. In this section, all of the SENYFoundation materials can be seen and our Working Papers downloaded.

- **Links of interest.** A list of links to web pages of interest to professionals and families is available. These links are classified in four large sections: Research, Scientific Societies, Awards and Grants, and Families.

Apart from the previously mentioned services, the web page allows for a virtual working area shared by professionals who contribute to the on going project at the foundation.

CLINICAL PRACTICE GUIDELINE IN THE TREATMENT OF SCHIZOPHRENIA PATIENTS

During 2005 the SENYFoundation has continued to disseminate the Clinical Practice Guideline in the Treatment of Schizophrenia Patients, developed by the Catalan Agency for Health Technology Assessment and Research (CAHTA) and the Mental Health Forum.



Clinical Practice Guideline

The objective of this guideline is to provide recommendations for the care of patients with schizophrenia regarding diagnostic procedures, therapy and rehabilitation, with the aim of assisting the professional decision making process and to improve the suitability of treatment for the patient, offering them various therapeutic and rehabilitative options according to the characteristics of their illness. The main users of this Guideline are the psychiatrists, psychologists, nurses, and social workers as well as other mental health and primary healthcare professionals.

The guideline is available in three formats, an extensive guide, a short guide and leaflet summarizing the recommendations listed in the Guideline. This documentation can be accessed through the CAHTA web page www.aatrm.net

E-mail communication is used to periodically inform users of the document centre on **SENYFoundation's** new acquisitions.

DISSEMINATION OF COURSES AND GRANTS

In collaboration with the Catalan Foundation for Research, a list of grants, assistance and prizes offered for research into mental health are distributed on a monthly basis by email.

Occasionally, information is also sent regarding national or international courses, conferences and grants offered by wide array of institutions.

DISTRIBUTION OF EDUCATIONAL MATERIAL

During 2005, the **SENYFoundation** has continued to distribute books that we have edited in Spanish in these last years.

- Overcoming Addictions by L.J. Roberts, A. Shaner and T.A. Eckman
- Overcoming schizophrenia by Dr. E.F. Torrey
- Treatment Modules by Dr. R.P. Liberman

SENYFoundation PRESENCE **AT SCIENTIFIC EVENTS**

SENYFoundation has been present in the following symposiums and conferences:

- **The International Congress on Schizophrenia Research.** Savannah, April 2 to 6.
- **Scientific presentation of research project results of the SENYFoundation-AATRM 1999 research tender.** Headquarters of the Department of Health of the Catalan Government, April 26.
- **XX One day conference of the Catalan Society for Behaviour Research and Therapy.** Barcelona, May 6.
- **IX National Congress on Psychiatry.** Pamplona, October 24 to 28.
- **VI Multi-modality Conference on Magnetic Resonance: Schizophrenia. Opening new roads: Genes, Neural imaging and Metabolites.** Valencia, 25 November.



FUTURE PROJECTS

During 2006 **SENYFoundation** will continue to carry out its core activities and services. The research projects described above will continue to be a large part of our daily workload. The second edition of the Bibliometric Analysis will see the light of day in the first half of 2006. In October we expect to make available to the wide scientific community in Spain validated and adapted versions of key international scales. The fifth edition of the Methodology Course on Research into Mental Health will be run, and we

will participate in the dissemination of knowledge and resources for research as is the custom in the foundation.

In the year 2006 we will celebrate 10 years of the Foundation. The anniversary will have a marked scientific nature. It will coincide with the International Meeting of Stanley Research Centres (Bipolar Disorders) which will take place in Barcelona at the beginning of October.



SENYFOUNDATION COLLABORATION WITH OTHER ORGANIZATIONS

- AATRM (Agència d'Avaluació de Tecnologia i Recerca Mèdiques)
CAHTA (Catalan Agency for Health Technology Assessment and Research)
- Centres Assitencials Dr. Emili Mira
Dr Emili Mira health care centres
- Clínica Universitària de Navarra
Clinical University of Navarra
- Consorci Hospitalari Parc Taulí
Parc Taulí Corporation
- Consorci Sanitari del Maresme, Hospital de Mataró
Mataró Hospital Consortium
- Editorial Planeta
Planeta Publishers
- Federació Catalana de Associacions de Familiars de Malalts Mentals
Catalan Federation of Family Associations for Mental Health
- Fundació Abertis (antiga Fundació Castellet de Foix)
Abertis Foundation (previously called Castellet de Foix Foundation)
- Fundació ADANA
ADANA Foundation
- Fundació Argibide (Pamplona)
Argibide Foundation (Pamplona)
- Fundació Catalana per a la Recerca
Catalan Foundation for Research
- Fundació Cuatrecasas
Cuatrecasas Foundation
- Fundació "la Caixa"
"la Caixa" Foundation
- Fundació M^a Francisca de Roviralta
M^a Francisca de Roviralta Foundation
- Fundació Sant Joan de Déu
Sant Joan de Déu Foundation
- Fundació Parc Taulí
Parc Taulí Foundation
- Generalitat de Catalunya
(Catalan government)
- Hospital Clínic de Barcelona
Clinical Hospital of Barcelona
- Hospital Universitario Marqués de Valdecilla, Santander
University Hospital Marqués de Valdecilla, Santander
- IMIM (Institut Municipal d'Investigació Mèdica)
Municipal Insititute for Medical Research
- Institut d'Assistència Sanitaria (IAS), Girona
Institute for Sanitary Assistance (IAS), Girona
- Institut Pere Mata de Reus
Pere Mata de Reus Institute
- Laboratoris Janssen-Cilag
Janssen-Cilag Laboratories
- Sant Joan de Déu-Serveis de Salut Mental
Sant Joan de Déu- Mental Health Services
- Stanley Medical Research Institute
- Universitat Autònoma de Barcelona
Autonomous University of Barcelona
- Universitat de Barcelona
University of Barcelona



senyfundació
Schizophrenia Research Foundation

C/ Diputació, 238 àt. 1a
08007 BARCELONA
Tel. (34) 93 302 30 10
Fax. (34) 93 301 33 58

www.senyfundacio.org
seny@senyfundacio.org