

## *Resumed Curriculum vitae*

### **Alexandra Mayer-da-Silva**

**Academic background and titles:** Pre-Bologna Degree and Master's in Applied Mathematics and in Statistics, *University of Lisbon*. Postgraduate courses and training in epidemiology and survival analysis at the *London School of Hygiene and Tropical Medicine, University of Ohio (USA)*, *Residential Summer Course in Epidemiology - European Educational Programme in Epidemiology*, Florence (Italy), *Service de Biostatistique des Hospices Civils de Lyon* (France) and Portuguese universities and institutions.

**Job:** Statistician at the South Region Portugal Cancer Registry (ROR-Sul), Portuguese Oncology Institute of Lisbon, Francisco Gentil (IPOL).

**Current professional responsibilities:** In charge of planning, coordinating, and executing studies on the incidence, survival, prevalence, and mortality associated with ROR-Sul.

Responsible for overseeing and validating the ROR-Sul registry databases, ensuring data quality assurance, and providing monthly reports on management and productivity indicators to IPOL Administration.

Supervised and coordinated the development of the computerized system for data entry and compilation across various health units affiliated with ROR-Sul, which is now fully institutionalized and in use nationwide. Additionally coordinated the development and informatics making of the Portuguese Pediatric Cancer Registry (ROPP), in use.

Conducts training sessions on the use of the cancer registry platform for both IPOL personnel and other centers within the registration network. These sessions ensure data quality control and surveillance of various indicators across different cancer groups.

Prepares data for integration into both national and international publications, including those by the International Agency for Research on Cancer, Childhood Cancer, Eurocare, and CONCORD.

Additionally, participates in various descriptive and analytical epidemiological and medical studies within the field of oncology.

Manages the ROR-Sul Human resources.

**Previously** carried out auditing activities on the management information system of IPOL and performed informatics monitoring GDHs (Homogeneous Diagnostic Groups - the system for payment and collection of clinical acts by hospitals) of IPOL and managed the update, control and improvement of databases related to "waiting lists" of surgical patients.

Also prepared satisfaction questionnaires and conducted their evaluation and statistical analysis to assess quality of health care.

**Representative** of Portugal at GRELL and member of its steering committee.

**Author and co-author** of numerous scientific publications, including theses, books, articles in international and national peer-reviewed journals, and abstracts in conference proceedings. Also presented several posters and oral communications at national and international conferences and meetings.

**Teaching** at university level in postgraduate and professional courses, as well as providing private tutoring in mathematics and statistics.

**Statistical languages and software:** uses and has proficient knowledge of STATA, STATTRANSFER, STATGRAPHICS, SPSS, SAS, STATISTICA, MATHEMATICA, MATLAB, R, S-PLUS, LATEX AND WINBUGS.