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Be Open Act Together



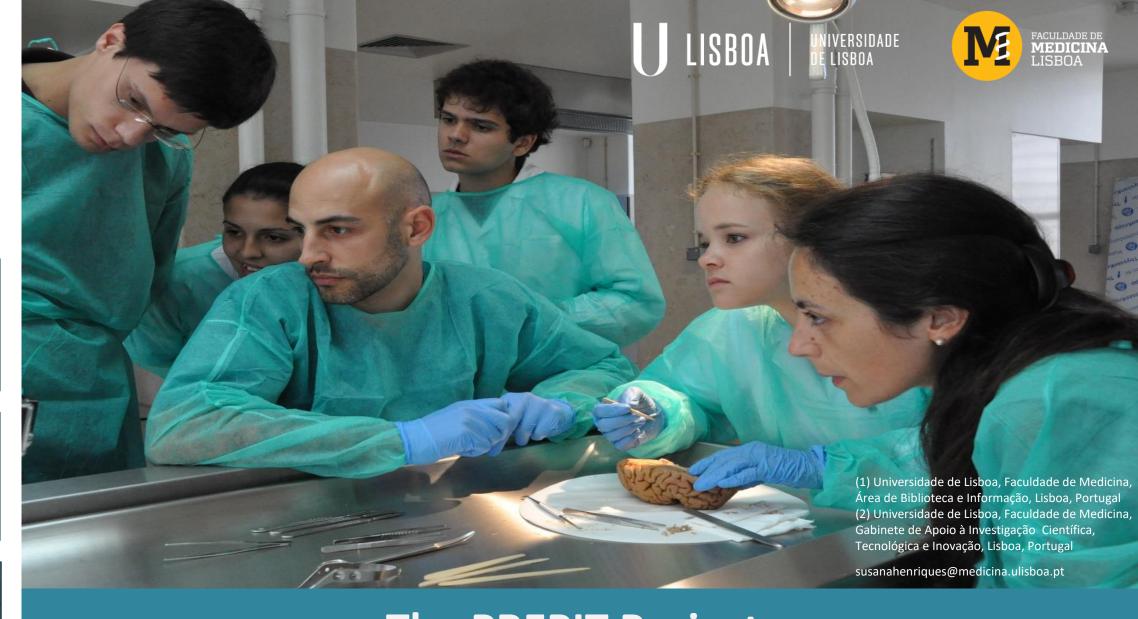
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The PREPIT Project:

Pregraduate Research Program Impact & Trajectories: a work in progress

INTRODUTION

During the past decades, the GAPIC - Scientific Research, Technology and Innovation Support Office of FMUL, has worked to promote and disseminate scientific research among undergraduate medical students and young MD graduates, aiming to provide a positive input in their scientific career path.

After 21 years of GAPIC "Education through Science" programs, the PREPIT project aims to evaluate the impact of these programs on the following domains:

- ✓ Gains in knowledge, skills and attitudes;
- ✓ Barriers and opportunities;
- ✓ Scientific output;
- ✓ Professional trajectories of undergraduate medical students.

Developed in collaboration with the FMUL Library team, the project has two primary objectives:

- ✓ To evaluate scientific productivity indicators of participants in GAPIC undergraduate programs in the short and long terms (study A);
- ✓ To characterize the perspectives of participants in GAPIC undergraduate programs on the importance and impact of these programs (study B).

METHODS

STUDY DESIGN

Population: All undergraduate medical student candidates who were accepted to one or more of GAPIC "Education for Science" programs (or equivalent) from 1997/98 to 2016/2017.

STUDY A

Cohort and Retrospective Study

Bibliometric Analysis

Definition of scientific output considering WoS and Scopus metrics:

- ✓ Researcher profile: h-index
- Publications Profile: Impact Factor; Quartile and Scientific Field

STUDY B

Cross-Sectional Study

Electronic Survey

Closed, single and multiple choice questions (Likert Scale) on:

- ✓ Academic and professional path
- ✓ Participants' perspectives

21 Years

Data will be exported to Excel and analyzed through a statistical analysis package. Descriptive analysis will be done. Univariable and multivariable analysis will be considered to explore predictors of metrics and perspectives. Factorial analysis will also be considered.

RESULTS

20 Years of GAPIC "Education for Science" program [1997/1998 – 2016/2017]



553 Students



387 Projects

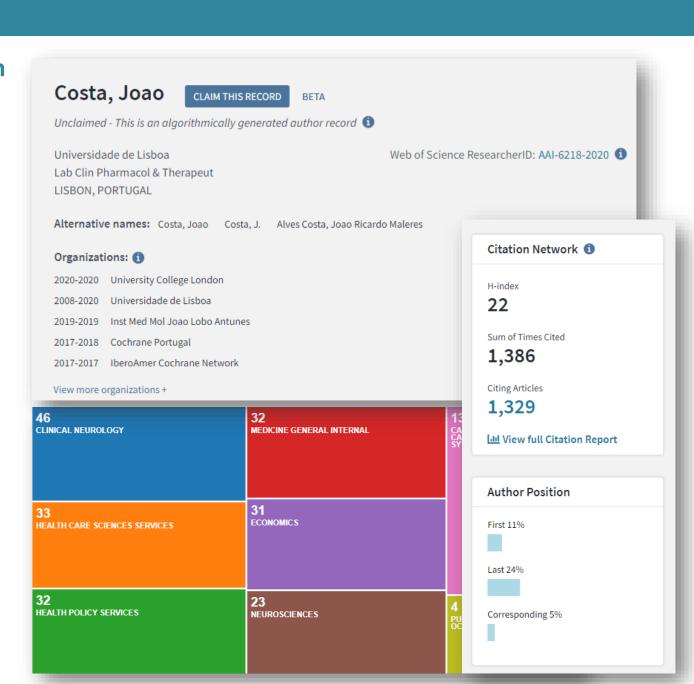


292 WoS
288 Scopus
Identified Authors
(Students with publications)



3575 WoS 3244 Scopus Identified Publications

Ícons: The Noun Project (thenounproject.com)



NEXT STEPS...

Electronic Survey

- ✓ Characterize the sample
- ✓ Evaluate the perceptions on the importance and impact of GAPIC programs
- ✓ Complete missing data
- ✓ Identify, disambiguate and validate researchers
- ✓ Complete WoS and Scopus author search
- ✓ Data analysis

