



Global geriatric oncology: the European perspective

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 @nicolobattisti

The ROYAL MARSDEN
NHS Foundation Trust

Cancer and Aging Research Group meeting
9th March 2021

ICR The Institute of
Cancer Research

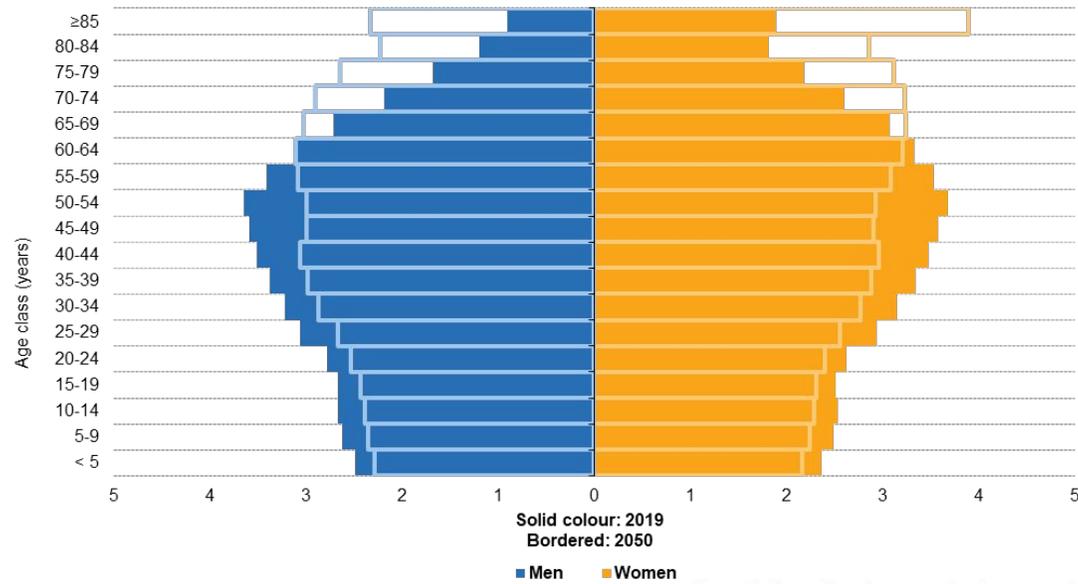
Disclosures

- Travel grants: Exact Sciences, Pfizer, Lilly
- Speaker fees: Pfizer, AbbVie

Ye Olde Continent

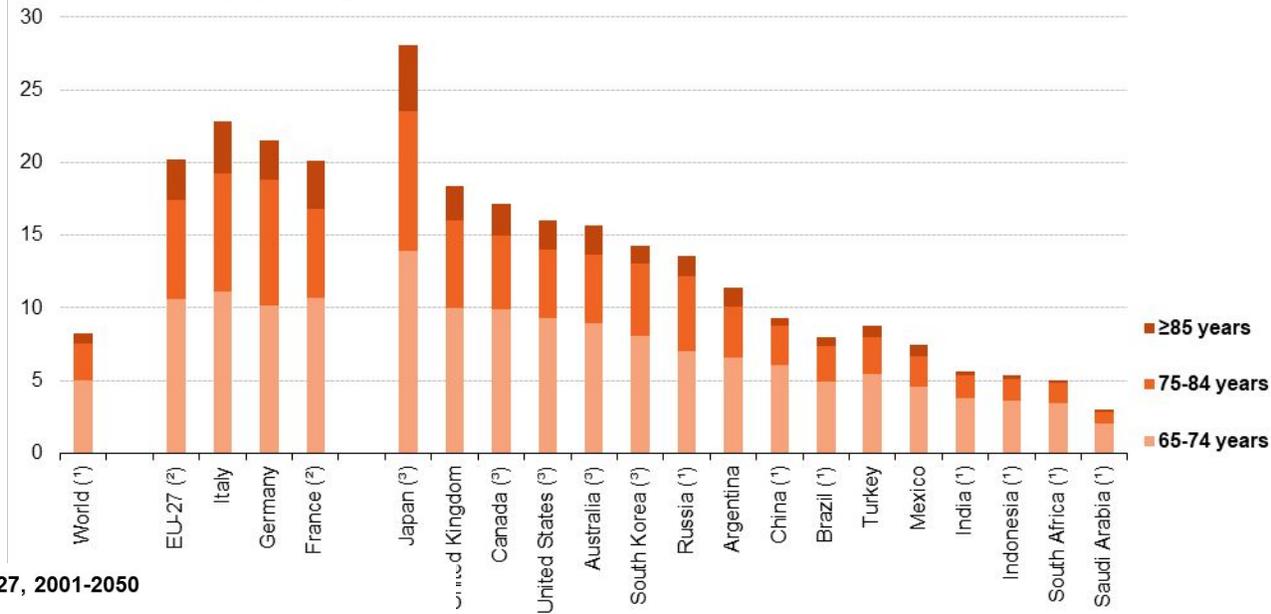
Population pyramids, EU-27, 2019 and 2050

(% share of total population)



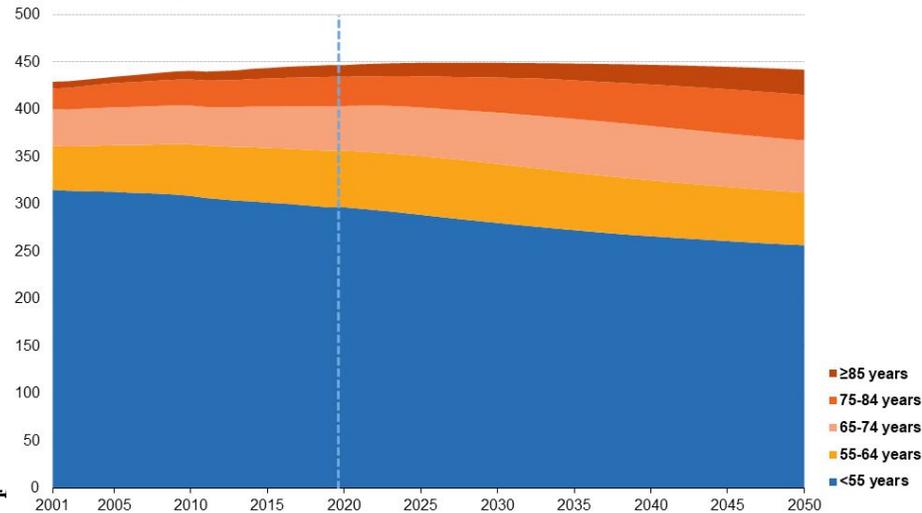
People aged ≥ 65 years, by age class, 2019

(% share of total population)



Population developments, by age class, EU-27, 2001-2050

(million inhabitants)

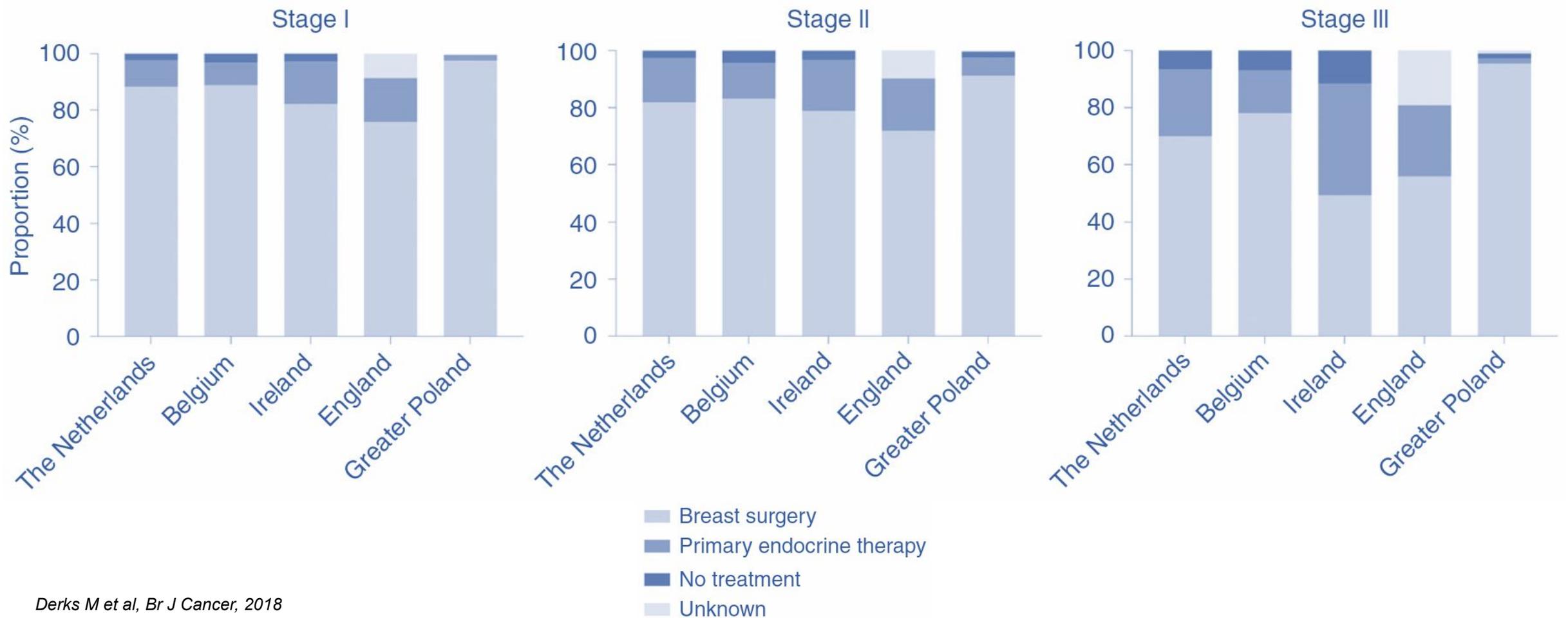


Eurostat

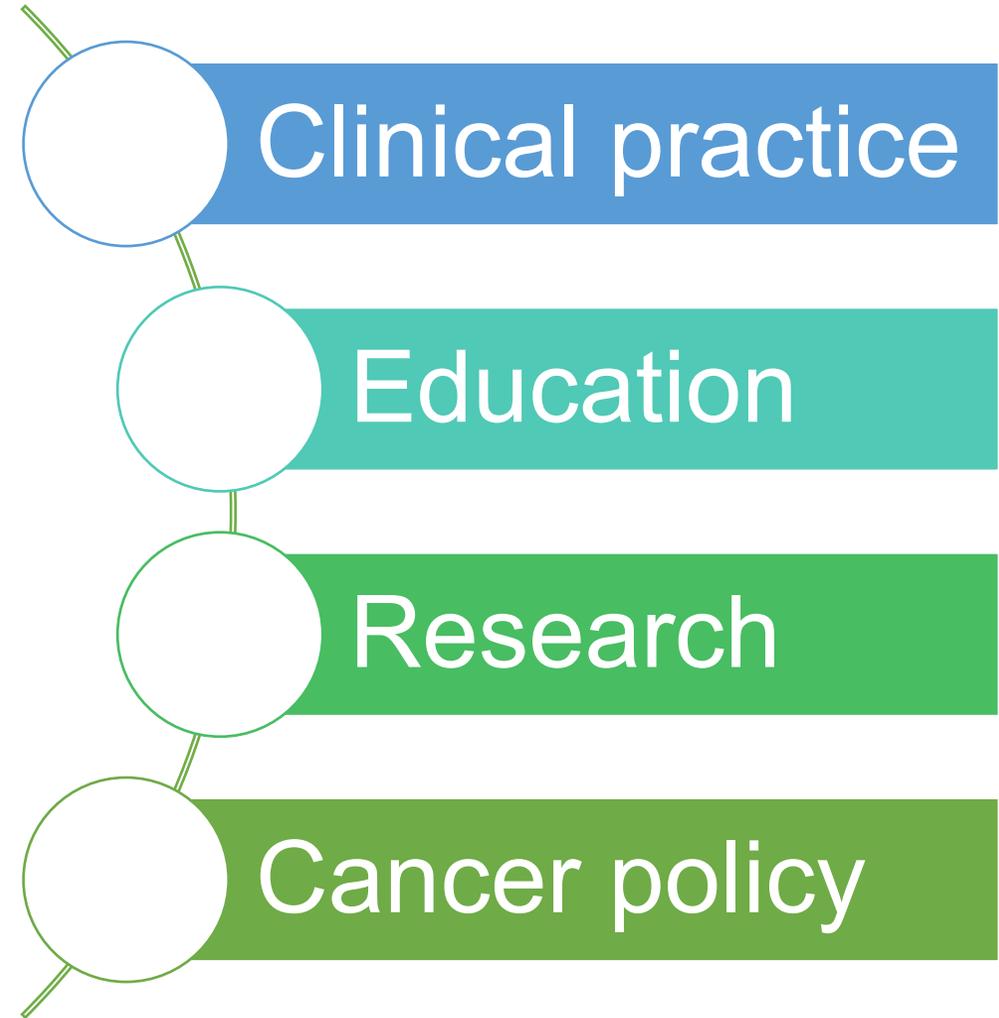
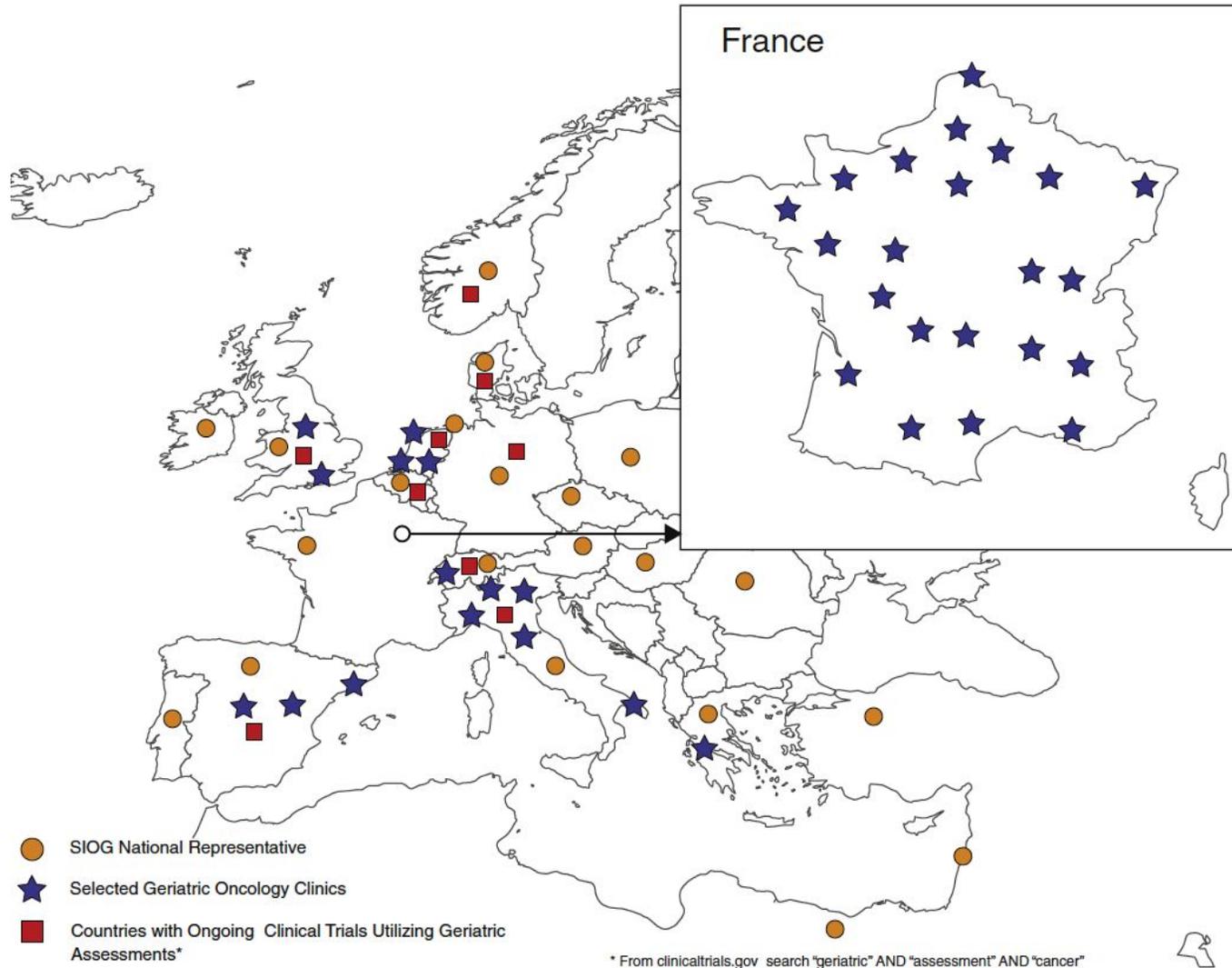
(<https://ec.europa.eu/eurostat/statistics-explained/index>
- statistics on population developments)

Treatment variation

Proportion of patients receiving various treatment options by stage of disease
EURECCA Breast Cancer Group analysis, 2000-2013



A dynamic environment



The example of France

- **Geriatric Oncology Units (UCOG)**

- Disseminate **geriatric oncology practice**
- Develop **geriatric oncology research**
- Promote **teaching** and **training**
- **Inform** patients, caregivers and public



- Annual **INCa funding**:

- UCOG: 160,000-250,000€
- AOG: 90,000€
- Inter-regional support: 52,154€
- Overall cost: 5,200,000€



Département de l'Amélioration de la Qualité des Soins
et de l'Accès aux Innovations

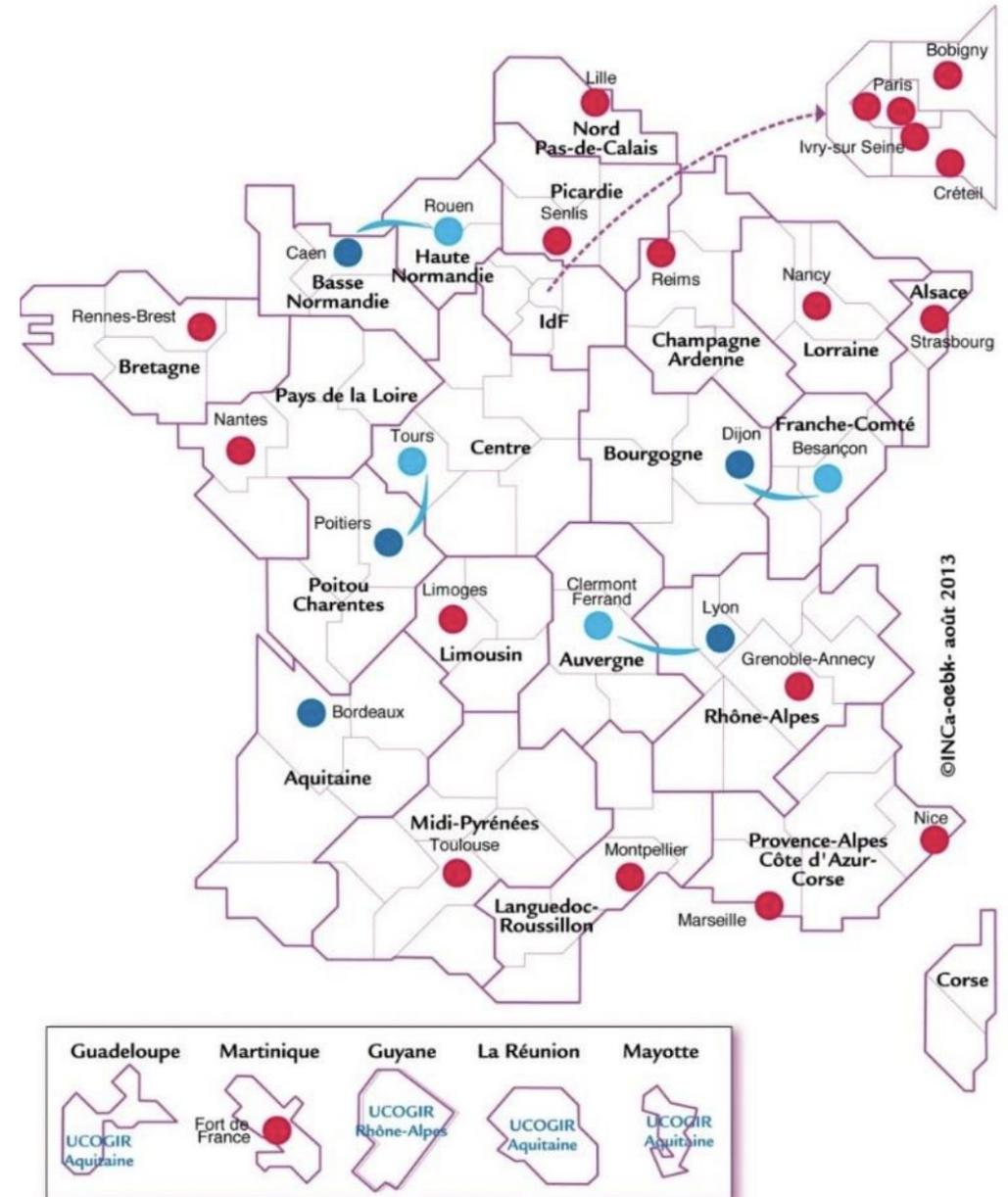
Présentation de l'appel à projets national 2006

Emergence d'unités pilotes de coordination en
Oncogériatrie (UPCOG)

Date limite de dépôt des dossiers
Vendredi 15 septembre 2006

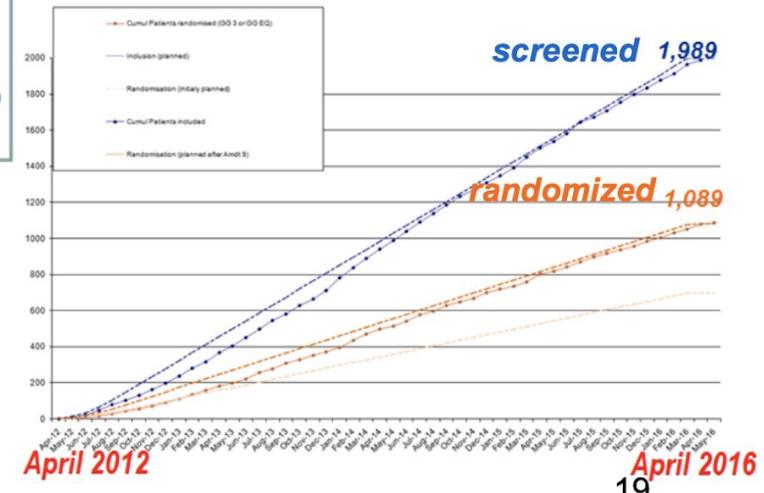
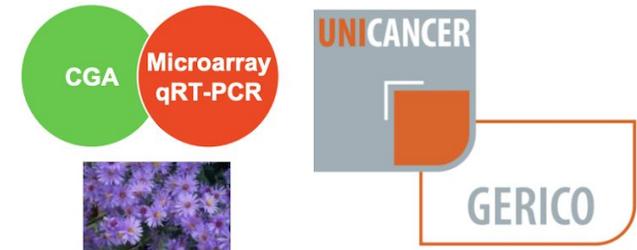
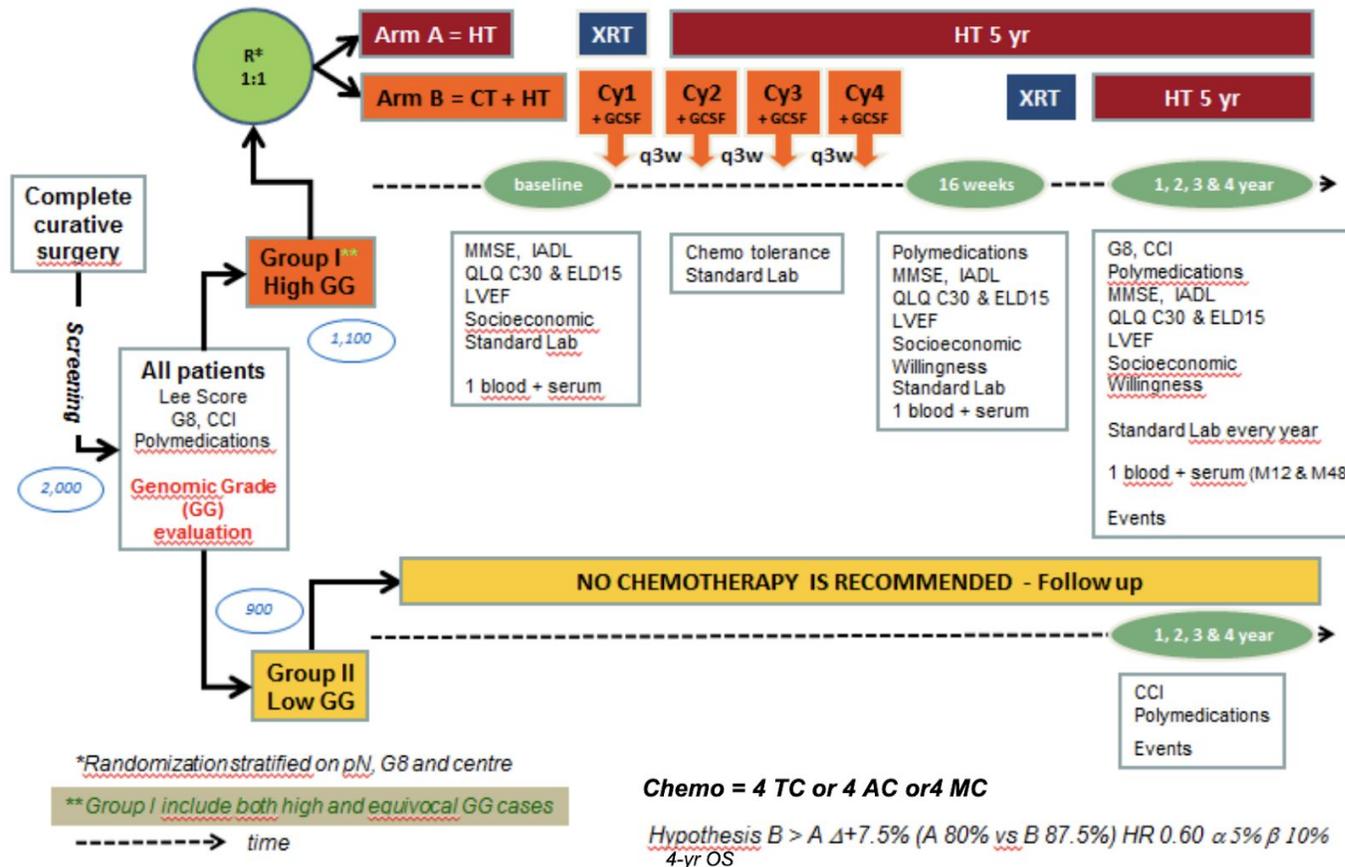
Geriatric oncology units in France

Region	City	Name
Alsace	Strasbourg	UCOG d'Alsace (UCROG: unité de coordination régionale en OG)
Aquitaine	Bordeaux	UCOGIR d'Aquitaine
Auvergne	Clermont-Ferrand	AOG d'Auvergne
Basse Normandie	Caen	UCOGIR de Basse Normandie
Bourgogne	Dijon	UCOGIR de Bourgogne
Bretagne	Rennes – Brest	UCOG de Bretagne
Centre	Tours	AOG du Centre
Champagne-Ardenne	Reims	UCOG de Champagne-Ardenne
Franche-Comté	Besançon	AOG de Franche-Comté
Haute Normandie	Rouen	AOG de Haute Normandie
Ile-de-France	Paris	UCOG Paris Ouest (POGOP: Programme oncogériatrique de l'ouest parisien)
	Créteil	UCOG Paris Sud (UCOG Sud-Val de Marne)
	Bobigny	UCOG Paris-Seine-Saint-Denis (UCOG des hôpitaux universitaires de Paris Seine-Saint-Denis)
	Ivry-sur-Seine	UCOG Paris Est
	Paris	UCOG Paris Nord (UCOG des Hôpitaux Paris Nord)
Languedoc-Roussillon	Montpellier	UCOG de Languedoc-Roussillon
Limousin	Limoges	UCOG du Limousin
Lorraine	Nancy	UCOG de Lorraine (ULCOG: unité lorraine de coordination oncogériatrique)
Martinique	Fort-de-France	UCOG de Martinique
Midi-Pyrénées	Toulouse	UCOG de Midi-Pyrénées
Nord-Pas-de-Calais	Lille	UCOG du Nord-Pas-de-Calais
Pays de la Loire	Angers – Nantes	UCOG des Pays de la Loire
Picardie	Creil – Senlis	UCOG de Picardie
Poitou-Charentes	Poitiers	UCOGIR de Poitou-Charentes
Provence-Alpes-Côte d'Azur/Corse	Marseille	UCOG PACA Ouest
	Nice	UCOG PACA Est
Rhône-Alpes	Annecy – Grenoble	UCOG
	Lyon	UCOGIR Rhodanienne - Rhône-Alpes



ASTER 70 study (NCT01564056)

Adjuvant chemotherapy for ER+ HER2- BC in 70+ patients



Geriatric oncology initiatives in the rest of Europe

Country	City	Institution	Contact	Opportunities
Greece	Patras	University of Patras	Dimitrios Kardamakis	Observership
Italy	Treviglio	ASST Bergamo Ovest – Treviglio Hospital	Andrea Luciani	Clinical observership
	Milan	Istituto Palazzolo – Don Gnocchi	Silvio Monfardini	Geriatric oncology department
	Prato	Nuovo Ospedale di Prato	Laura Biganzoli	Medical Oncology Research Fellowship in Geriatric Oncology
	Lecce	Vito Fazzi Hospital	Silvana Leo	Clinical observership
	Padova	Istituto Oncologico del Veneto (IOV)	Antonella Brunello	Observership and research opportunities
Netherlands	Groningen	University Medical Center Groningen	Barbara L. van Leeuwen	Research group with a focus on decision making processes prior to surgery and improvement of postoperative outcomes. Opportunities for clinical/epidemiological and basic research
	Leiden	Leiden University Medical Center	G. J. Liefers	Research group focused on breast and colorectal cancer. Both opportunities for clinical/epidemiological and basic research
	Utrecht	Diakonessenhuis Utrecht	Marije E. Hamaker	Research group focused on clinical research
	Venlo	VieCuri Medical Centre	M.L.G. Janssen-Heijnen	Research group focused on colorectal, breast, lung, prostate cancer and multimorbidity. Opportunities for clinical and epidemiological research
Spain	Barcelona	Hospital Duran i Reynals - Institut Català d'Oncologia	Antonio Maite	Observership
	Madrid	Hospital Universitario Fundación Jiménez Díaz	Raul Cordoba	Observership on hematologic malignancies
	Madrid	Hospital Universitario Rey Juan Carlos	Javier Martinez-Peromingo	Observership
	Cuenca	Hospital General Virgen de la Luz in Cuenca	Maria José Molina-Garrido	Observership
United Kingdom	Nottingham	University of Nottingham	Kwok-Leung Cheung	PhD projects
	Sheffield	University of Sheffield	Lynda Wyld	Research projects within the Bridging the Age Gap study
	Leeds	St James's University Hospital	Kieran Horgan	Research within the National Audit of Breast Cancer in Older Patients (NABCOP)
	London	Guy's and St Thomas' NHS Foundation Trust	Tania Kalsi	Fellowships within the Geriatric Oncology service
	Brighton	Brighton and Sussex University Hospitals NHS Trust	Malcolm W. Reed / Juliet Wright	Joint medical/surgical breast clinic
Ireland	Dublin	Trinity College Dublin	Anita O'Donovan	Research opportunities
	Waterford	Waterford Regional Hospital	Anne Horgan	Geriatric oncology clinic
Belgium	Brussels	Institut Bordet	Lissandra Dal Lago / Nadia Santoro	Observership
	Leuven	University Hospitals Leuven	Hans Wildiers	Research programme
Switzerland	Bellinzona	Istituto Oncologico della Svizzera Italiana	Vilma Ratti	Geriatric oncology department
	Fribourg	HFR Fribourg - Hôpital cantonal	Vèrène Dougoud-Chauvin	Geriatric oncology clinic

European Organisation for Research and Treatment of Cancer: Cancer in Elderly Task Force

- **Aims: develop, conduct, coordinate and promote research for older patients with cancer**
- **Main achievements:**
 - **Elderly Minimal Dataset (MinDS)** to harmonize data collection relevant to older patients – included in all EORTC trials
 - **European Medicines Agency’s geriatric expert group** established in 2010 to inform registration trial strategies
 - Contribution to the development of the **QLQ-ELD14 scale**
 - Endpoints and trial design in geriatric oncology research: a **joint EORTC-Alliance-SIOG position paper**
 - Investigating the value of **biological markers of ageing**
 - Older patients Working Group within the **EORTC Breast Cancer Group**
- **Full list of publications:**
<https://www.eortc.org/bibliography/#group=55>



Lissandra Dal Lago
Medical oncologist
Institut Jules Bordet
Brussels, Belgium
Chair



Andrea Luciani
Medical oncologist
ASST Bergamo Ovest
– Treviglio Hospital,
Treviglio, Milan, Italy
Secretary



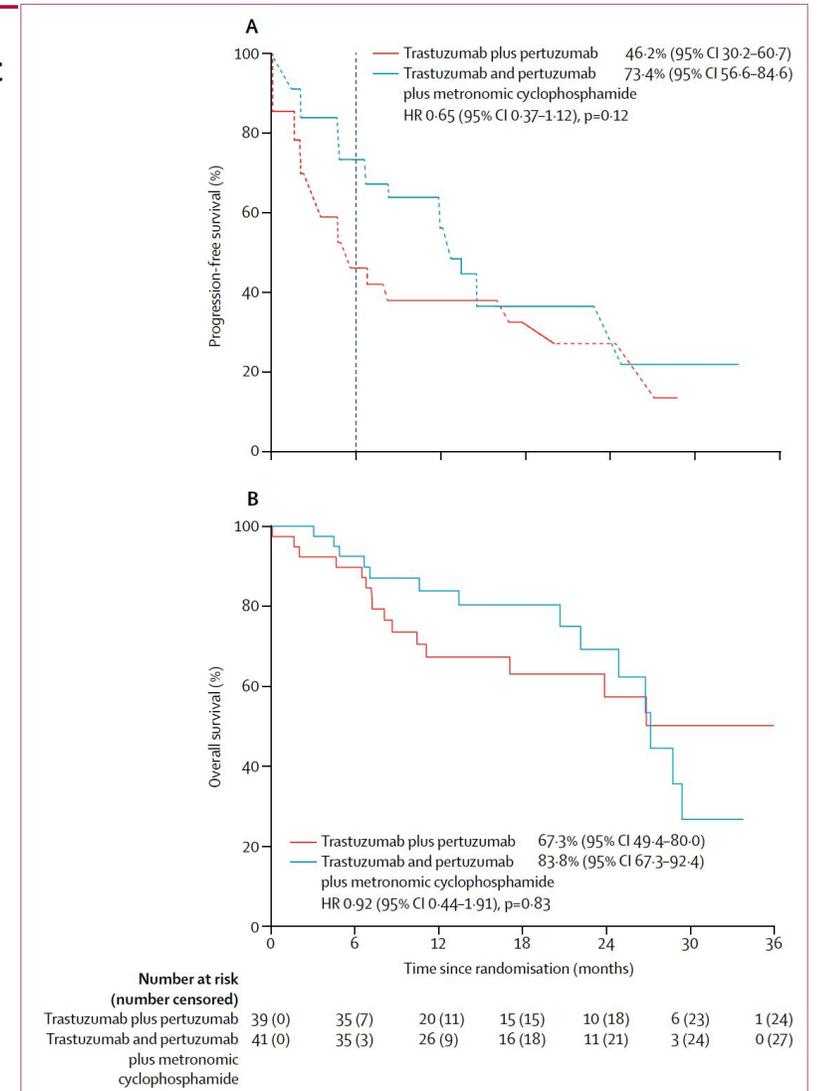
Antonella Brunello
Medical oncologist
Istituto Oncologico del
Veneto (IOV)
Padova, Italy
Treasurer

EORTC 75111-10114 study

- **N = 80 patients**
- Eligibility:
 - HER2+ ABC
 - ECOG PS 0-3
 - LVEF $\geq 50\%$
 - Age ≥ 70 years or ≥ 60 years + functional impairment
 - ≤ 1 prior line of anti-HER2 treatment (trastuzumab or lapatinib) + endocrine therapy
- IV trastuzumab + IV pertuzumab +/- metronomic oral cyclophosphamide (50 mg daily without interruption)
 - In case of PD, all patients offered T-DM1
- Median PFS: 12.7 months (6.7-24.8) vs 5.6 months (3.6-16.8)
- No febrile neutropenia
- Diarrhea in $\geq 50\%$
- Frailty (G8) strong prognostic factor for OS

Pertuzumab and trastuzumab with or without metronomic chemotherapy for older patients with HER2-positive metastatic breast cancer (EORTC 75111-10114): an open-label, randomised, phase 2 trial from the Elderly Task Force/Breast Cancer Group

Hans Wildiers, Konstantinos Tryfonidis, Lissandra Dal Lago, Peter Vuylsteke, Giuseppe Curigliano, Simon Waters, Barbara Brouwers, Sevilay Altintas, Nathan Touati, Fatima Cardoso, Etienne Brain



APPALACHES study (NCT03609047)



The future of cancer therapy

EORTC-ETF-BCG STUDY 1745 (APPALACHES):

A PHASE II STUDY OF ADJUVANT PALBOCICLIB AS AN ALTERNATIVE TO CHEMOTHERAPY IN ELDERLY PATIENTS WITH HIGH-RISK ER+/HER2- EARLY BREAST CANCER

Study Coordinator: Hans Wildiers, UZ Leuven, Belgium

Study Co-coordinator: Etienne Brain, Institut Curie, France

Young EORTC Coordinator: Kevin Punie, UZ Leuven, Belgium

GBG
GERMAN
BREAST
GROUP



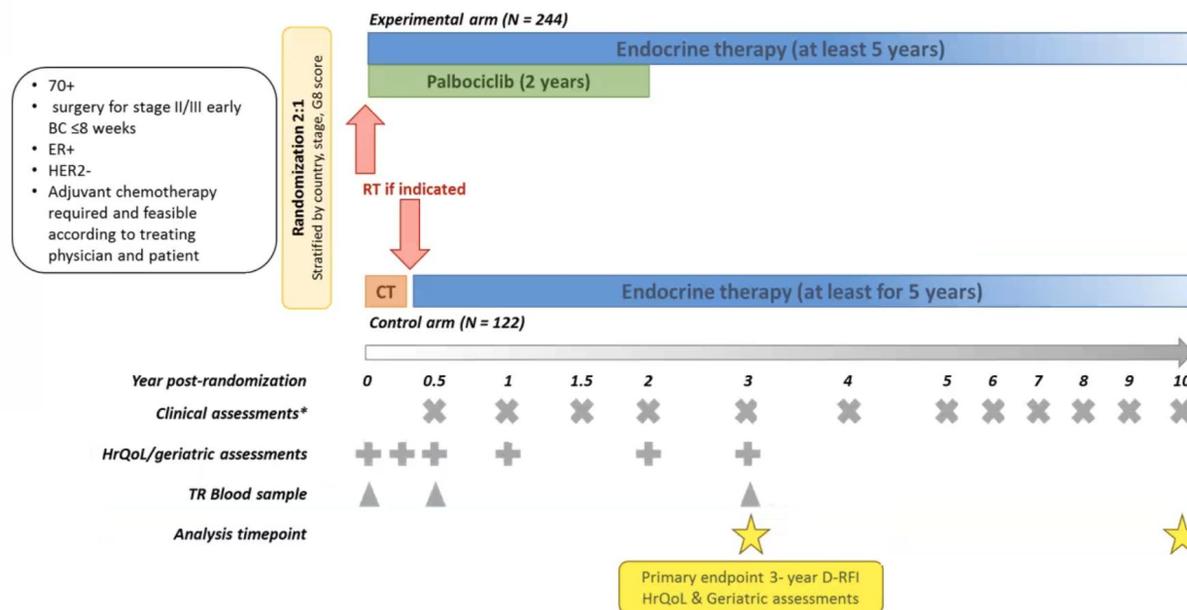
BIG
Breast International Group

GOIRC
GRUPPO ONCOLOGICO ITALIANO
DI RICERCA CLINICA

GERICO
unicancer

STUDY DESIGN

- Two-arm, open-label, multi-center, randomized (2:1) non-comparative phase II study



ESMO/SIOG Cancer in the Elderly Working Group

- Joint venture created in 2019
- **Aims: promote education in cancer topics specific to this population**
- Activities:
 - To **improve management** of the older patients with cancer
 - To better **educate oncology professionals** in issues related to older patients with cancer
 - To **raise awareness** on specific needs and requirements related to the management of older patients with cancer
- Achievements:
 - *Special session at the ESMO Virtual Congress 2020: Challenges in managing an aging population of patients with cancer (in collaboration with SIOG)*
 - *Collaborative session at the ESMO Asia Virtual Congress 2020: Geriatric oncology in Asia: The silver tsunami is here, are we ready? (in collaboration with SIOG)*
 - *ESMO-SIOG Collaborative session at ESMO Asia 2019 Congress: Early and Advanced Colorectal Cancer in Older Adults*
 - *ESMO-SIOG Collaborative session at ESMO 2019 Congress: Immunotherapy in Older Patients: Challenges and Opportunities*



• Chairs

- **Demetris Papamichael, Cyprus (ESMO)**
- **Etienne Brain, France (SIOG)**

• Committee Members

- Capucine Baldini, France (SIOG)
- Laura Biganzoli, Italy (ESMO)
- Valentin Goede, Germany (SIOG)
- Ravindran Kanesvaran, Singapore (ESMO)
- Elisabeth Quoix, France (ESMO)
- Siri Rostoft, Norway (SIOG)
- Christopher Steer, Australia (ESMO)
- Hans Wildiers, Belgium (SIOG)

International Society of Geriatric Oncology



- Leading international organization in geriatric oncology founded in 2000
- Members from 80 countries – including 196 members from 21 European countries
- **Mission: improve education, clinical practice and research**
- **Annual conference**
- Two annual **advanced courses** (Treviso, Italy; Canberra, Australia)
- Local **courses and preceptorships**
- **43 guidelines and position papers**
- **E-learning** and webinars
- Paul Calabresi Award
- Interest groups: **Young, Nursing & Allied Health**
- **30 Task Forces, 2 Working Groups** (ESMO & COVID-19)
- **35 National Representatives**
- Official publication: **Journal of Geriatric Oncology** – Editor-in-chief: Dr. Supriya Mohile, MD



Ravindran
Kaneshvaran
Medical
oncologist
(Singapore)
President



Nicolò M. L.
Battisti
Medical
oncologist
(UK)
President-Elect



Grant Williams
Medical
oncologist
(USA)
Treasurer



Laura Biganzoli
Medical
oncologist
(Italy)



Lore Decoster
Medical
oncologist
(Belgium)



Raul Cordoba
Haematologist
(Spain)



Beatriz
Korc-Grodzicki
Geriatrician
(USA)



Hans Wildiers
Medical
oncologist
(Belgium)



Melissa Loh
Onco-haematolog
ist
(USA)



Johanna Portielje
Medical
oncologist
(Netherlands)



Martine Puts
Nurse
(Canada)



Isacco Montroni
Surgeon
(Italy)



Najia Musolino
(Switzerland)
CEO

Meetings

Annual conferences



"Geriatric oncology - becoming mainstream cancer care"



"From research to practice: incorporating geriatric oncology into patient care"



"Geriatric Oncology: a multidisciplinary approach in a global environment"

SIOG website (<https://siog.org/home>)

Regional events



"Bridging the Gap to Optimizing Management of Cancer in the Elderly"



Preceptorships

SIOG Preceptorship on breast cancer in older women



Advanced courses in geriatric oncology

- Aim: provide the basis of the multi-dimensional approach to be pursued for the management of older patients with cancer
- Topics:
 - Principles of **oncology for geriatricians**
 - Principles of **geriatrics for cancer specialists**
 - Case-based discussions and debates
- Accredited 23 European CME



A dynamic organization

Interest Groups:

- Young SIOG
- SIOG Nursing & Allied Health

Ad hoc committees

- Geriatricians
- Surgeons



European Cancer Organisation



- Not-for-profit federation of **34 Member Societies** working in oncology and **20 European Patient Advisory Committee members**
- Convenes oncology professionals and patients to **agree policy, advocate for positive change** and **speak for the European cancer community**
- Mission: **reduce the burden of cancer, improve outcomes and the quality of care** for cancer patients, through **multidisciplinary** and **multiprofessionalism**
- Annual **European Cancer Summit** (17-18 Nov 2021)
- **European Code of Cancer Practice**
- Accreditation of educational events: **Accreditation Council of Oncology in Europe** (ACOE)
- **9 Focused Topic Networks**: Prevention, HPV Action, Health systems and treatment optimization, Quality cancer care, Survivorship and quality of life, Digital Health, Workforce, COVID-19, **Inequalities**



Matti Aapro
PRESIDENT



Andreas Charalambous
PRESIDENT-ELECT



Wim Oyen
TREASURER



Mark Lawler
EUROPEAN CODE OF PRACTICE
PROJECT CO-CHAIR (EX-OFFICIO)



Mike Morrissey
CHIEF EXECUTIVE (EX-OFFICIO)

 @EuropeanCancer

European Code of Cancer Practice

YOU HAVE A RIGHT TO:



[#cancerpatientrights](#) [#codeofcancerpractice](#)

europeancancer.org/code

Inequalities Network

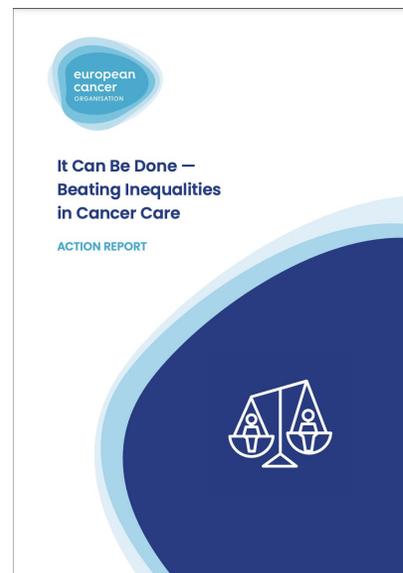
- **Aim:** highlight readily available policy mechanisms to **ensure equity and raise standards and outcomes in cancer care** across Europe for all groups

- Five workstreams:

- **Geographical divide**
- **Gender**
- **Ethnicity**
- **Age**
- **Health literacy and patient education**

- Achievements:

- *Action report: It can be done – Beating Inequalities in Cancer Care*
- *Roundtable meeting on inequalities (14th October 2020)*
- *European Cancer Summit 2020 session “Disparities and Discrimination in Cancer Care”*



Co-Chairs



Dr Nicolò Matteo Luca Battisti
INTERNATIONAL SOCIETY OF GERIATRIC ONCOLOGY



Prof Hendrik Van Poppel
EUROPEAN ASSOCIATION OF UROLOGY



Member Organisations Part of this Network

Patient Organisations Part of this Network

Charities and Foundations Part of this Network

EU Parliament Special Committee on Beating Cancer public hearing, 11th January 2021

- **Topic:** *Challenges and opportunities to improve the care of older adults with cancer in Europe*
- **Demands**
 - Improve **access to healthcare professionals trained in geriatric oncology**
 - Embed geriatric training in the curricula of cancer specialists and oncology training in those of geriatricians
 - Take action on workforce shortages
 - Foster the **inclusion of older patients in cancer clinical trials**
 - Initiate a Commission-sponsored study into the EU regulatory environment for clinical trials
 - Recognize and **respond to the comorbidity challenge**
 - Improve data collection and reporting on the interface cancer/comorbidities
 - Ensure research on comorbidities is a core part of the EU cancer policy

PUBLIC HEARING
SPECIAL COMMITTEE ON BEATING CANCER
Monday 11.01.2021
13:45-16:15 and 16:45-18:45
ANTALL BUILDING - ROOM 401
AND WITH REMOTE PARTICIPATION
The hearing can be followed online: [Join now](#)

**Beating cancer:
empowering patients
and their caregivers**

Chaired by **Bartosz Artukowicz**

Speakers:
Jan GEISSLER, Managing director of Patvocates
Stanimir HASARDZHIEV, Chairperson of the Bulgarian National Patients' Organization
Françoise MEUNIER, Vice-President of the Federation of European Academies of Medicines
Willy PALM, Unit Head, Regional Governance, World Health Organization
Stefan GIJSSELS, CEO of Digestive Cancers Europe
Matti AAPRO, President of European Cancer Organisation
Katie RIZVI, Executive Director of Youth Cancer Europe
Andreas CHARALAMBOUS, President of the European Oncology Nursing Society
Claire CHAMPEIX, Project Officer, Eurocarers
Niccolò BATTISTI, President-Elect of International Society of Geriatric Oncology



European Union Parliament BECA website:

<https://www.europarl.europa.eu/committees/en/public-hearing-beating-cancer-empowering/product-details/20210106CHE08021>

Europe's Beating Cancer Plan

- **Age** is a key health determinant
- **Knowledge Centre on Cancer** to ensure better coordination of scientific initiatives at EU level (2021-2022)
- **Cancer Inequalities registry** (2021-2022)
- **Better life for cancer patients initiative** (2021-2023)
- **Cancer Diagnostic and Treatment for All initiative** to ensure access to innovative cancer diagnosis and treatments (2021-2025)
- **Mobile healthcare units** staffed with multidisciplinary teams and **advanced mobile technologies** to ensure equal, high-quality, affordable and accessible cancer care



Stella Kyriakides

**European Commissioner for
Health and Food Safety**

The future is bright for geriatric oncology in Europe

- Several **geriatric oncology clinic/units**
- Robust **research programs** and collaborative groups
- European countries are setting an example for **cancer policy** at international level
- **SIOG** presence well established
- **Many stakeholders** are engaging in the discussion
- Policy makers are actively **listening**...



Thank you!



The Royal Marsden, Sutton, UK



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#gerihem

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