Elections to Council Nucleus and Nominating committee 2024-2026 –

**Motivation letter: Why are you interested in joining the Council Nucleus or Nominating committee (250 words max)?**

My name is **Gemma Chiva-Blanch**, and with this brief letter I would like to express my willingness to become Secretary of the CBCS.

As a proactive and highly motivated scientist, I firmly believe in professional societies and teamwork. I was elected nucleolus member of the **ESC- Young Thrombosis Group (YTRG)** from 2017 to 2020, and for two of those years, I served as the liaison with the Scientists of Tomorrow (SoT). I have been actively involved in the YTRG activities over these years and actively contributed to the SoT quarterly Newsletters. During my time as a member of the YTRG, we launched a Facebook page and established the Article of the Month programme, which allowed us to work closely with the Senior members of the WG.

I was elected as a SoT nucleus member (2021-2023), and I have been the **SoT representative within the CBCS these years**. After the pandemics, we (the SoT) have relaunched several activities such as career-mentoring sessions in close collaboration with the CBCS, or webinars with other Young Cardiovascular Societies. I am also non-voting nucleus member of the Working Group on Cellular Biology of the Heart thanks to my active involvement within the SoT-CBS.

I am enthusiastic, cheerful, hardworking, and I am willing to actively contribute to the activities of the Council from a senior perspective. My previous work within the ESC-CBCS qualifies me for the position, and I am prepared to serve as Secretary, if you give me the opportunity.

Yours sincerely,

**Gemma Chiva-Blanch, PhD, FESC**
SHORT CV - GEMMA CHIVA BLANCH

Name and Surname | Gemma Chiva Blanch
---|---
Born date, age | November the 6th 1982, 41

Researcher’s identification number | 
Researcher ID | O-8072-2018
Scopus Author ID | 35774206800
ORCID | 0000-0001-6093-0160

Education and Degree Honours

<table>
<thead>
<tr>
<th>Bachelor/Master/PhD</th>
<th>University</th>
<th>Year</th>
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<tbody>
<tr>
<td>PhD in Medicine</td>
<td>University of Barcelona (UB)</td>
<td>2013</td>
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<tr>
<td>Official Master in Food Development and Innovation</td>
<td>University of Barcelona (UB)</td>
<td>2009</td>
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<tr>
<td>Bachelor Degree in Food Science and Technology</td>
<td>University of Barcelona (UB)</td>
<td>2007</td>
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<tr>
<td>Diploma in Human Nutrition and Dietetics</td>
<td>Human Nutrition and Dietetics School (CESNID-UB) -UB</td>
<td>2004</td>
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Past and present positions

- January 2023- currently: Associate Professor of the Health Sciences Faculty, Universitat Oberta de Catalunya (UOC), and Researcher at the August Pi i Sunyer Biomedical Research Institute (IDIBAPS) in Barcelona. Group Leader of the “Nutrition, Biomarkers and Cardiovascular Risk” group at the Catalan Nutrition Center of the Institute of Catalan Studies (CCNIEC).

- December 2019- December 2022: CIBER Fisiopatología de la Obesidad y Nutrición (CIBEROBN-ISCIII) Research Fellow, IDIBAPS, group of Translational research in diabetes, lipids and obesity (PI, Dr. Josep Vidal).

- 2014-2019: Cardiovascular Research Center (ICCC) in Barcelona, currently integrated at the IIB-Sant Pau (PI: Prof. Lina Badimon) with Sara Borrell and Juan de la Cierva- Incorporación postdoctoral contracts.
  2015-2016: Six-month research stage at international centre as invited scientist: Clinical Centre for Heart Research, Department of Cardiology, Ullevål Hospital in Oslo, Norway (IP: Prof. Ingebjørg Seljeflot).

- 2008-2013: Cardiovascular risk, Nutrition and Aging Laboratory, Institut d’Investigacions Biomèdiques Agustí Pi i Sunyer (IDIBAPS), Hospital Clinic-UB (PI: Dr. Ramon Estruch)
  2011: Two-month stage at Institute of Advanced Studies of Madrid (IMDEA), Madrid (PI: Prof. Francesco Visioli) with an Ajudes per a estudis o projectes fora de Catalunya de la Fundació Pedro i Pons.

- 2007 (4 months): Nutrition and Food Science Department, Faculty of Pharmacy, UB (PI: Prof. Lamuela-Raventós).

- 2005-2007 (part-time): Nephrology Department, Hospital de Bellvitge, Universitat de Barcelona –UB- (PI: Dr. Grinyó)

Research Interests

I am a translational scientist interested in the interplay between nutrition and cardiovascular disease. My research is primarily focused in two main lines: 1) the role of extracellular vesicles in atherothrombosis, diabetes and obesity; and 2) the role of diet and specific food compounds in atherosclerosis and cardiovascular risk.
General quality indicators of scientific production

I am the Principal investigator of 2 national projects related to extracellular vesicles and atherosclerosis, and 2 other projects related to diet and cardiovascular risk. I have published 86 articles (Web of Science) among which 67 are indexed in Pubmed and include original manuscripts, consensus papers, and reviews. In addition, I have contributed to 8 book chapters, and I have been co-investigator of 21 research projects (National and European projects either funded by public agencies or industry).

I have an H-Index of 34, an average of 42 cites per paper, and 3581 citations in 2889 papers. I am also referee of several high-impact journals (please visit her publons profile at https://publons.com/researcher/1509223/gemma-chiva-blanch/).

I have mentored 6 Master Students and I am currently the thesis director of a PhD Student.

I also participate periodically in educational and dissemination activities such as the European Young Night of the Science, the Week of the Science, or #100tífiques.

Awards and Honours

- Fellow of the European Society of Cardiology (2021)
- Research Award from the Barcelona Local Government 2020
- European Society of Cardiology (ESC) Educational Grant 2019
- Best oral communication at Eurothrombosis 2018, Barcelona
- Best poster presentation at Eurothrombosis 2016, London (ESC)
- Second best presentation at XVIII Aniversario Becas Manuel de Oya, Centro de Información Cerveza y Salud, Madrid 2017
- 2017 Young Investigator Award for excellence in Clinical Research from the European Society of Clinical Investigation – ESCI, Genève
- Clinical Nutrition Award in recognition of the contribution to the quality of the journal made by a highly cited research paper published in 2013 as first author (2016)
- Immunotools Award (2014)
- Extraordinary Doctorate Award 2012-2013

Positions of trust

- Board member of GEIVEX (the working group of Spanish researchers specialized in the field of extracellular vesicles) from January 2024.
- Elected Nucleolus member of the Scientists of Tomorrow of the European Society of Cardiology (ESC; 2021-2023) and CBCS SoT representative.
- Young Fellow of the European Atherosclerosis Society (EAS; 2019-2023)
- Elected Nucleolus member of the Young Working Group of Thrombosis (YTRG) of the ESC (2017-2021) and representative of the YTRG within the SoT..

Funded Projects as Principal Investigator

1) Title: Extracellular vesicles and genetic variants as biomarkers of significant preclinical atherosclerosis independent of clinical cardiovascular risk
Funding entity: Spanish Arteriosclerosis Foundation
Start and end date: 01/01/2022-01/01/2023
Total amount: € 15,000

2) Title: Extracellular vesicles and genetic variants as biomarkers of significant preclinical atherosclerosis independent of clinical cardiovascular risk
Funding entity: Spanish Ministry of Health (ISCIII)
Start and end date: 01/01/2022-12/31/2024
Total amount: € 84,700

3) Title: Long term effects of walnut consumption on vascular and immune cell
extracellular vesicle release and profile related to atherosclerosis progression and severity: The Walnuts And Healthy Aging (WAHA) Study.
Funding entity: Nutricia Research Foundation.
Start-end date: 01/01/2022-01/12/2022.
Total amount: € 29.955

4) Title: New strategies to promote a sustainable, healthy and inclusive in the city of Barcelona based on a digitization of municipal markets
Funding entity: Barcelona's Town Hall
Start-end date: 02/28/2021 - 02/28/2022
Total amount: € 99,187.5

Short list of main publications


