

## H2020-ITN THERACAT (765497)

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<b>Deliverable Title</b>	Periodic report on dissemination (papers, patents, presentations in conferences) and participation in outreach activities (M24)						
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<b>Actual Delivery Date</b>	15/05/2020	<b>Contributors</b>	EDI and IBEC				

### Overview/Abstract

Periodic report on dissemination (papers, patents, presentations in conferences) and participation in outreach activities (M24).

### Explanation for large delay in submitting deliverable

N/A

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### Document Control

<b>Issue #</b>	<b>Date</b>	<b>Changed Pages</b>	<b>Cause of Change</b>	<b>Implemented by</b>
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## 1. Report on dissemination and communication (M24)

During the second year of the project, ESRs were clearly settled down and well-integrated in the framework of the project and of the corresponding research groups, and started to have the first relevant results. Therefore, they actively participated in dissemination and communication activities of the project and the science behind the THERACAT approach, opened both to the scientific community and to the general public.

### 1.1. Communication activities

Communication activities performed during the second year have consisted on:

- **Project website:** it has been updated including all communication and dissemination activities performed so far (<https://theracat.eu/>).
- **Social media:** several posts have been published in social media accounts of beneficiary BGX (LinkedIn, Youtube, Facebook, Twitter) thanks to the collaboration of Africa Galvez (**ESR9**), which received about 6.000 views during the last year.
  - [https://www.linkedin.com/posts/biogelx-limited\\_biogelx-tumor-model-for-chemotherapy-testing-activity-6597807130659684352-agGU/](https://www.linkedin.com/posts/biogelx-limited_biogelx-tumor-model-for-chemotherapy-testing-activity-6597807130659684352-agGU/)
  - [https://www.linkedin.com/posts/biogelx-limited\\_goodbye-flat-biology-2019-biogelx-tumor-activity-6597110360078192640-ZHeY/](https://www.linkedin.com/posts/biogelx-limited_goodbye-flat-biology-2019-biogelx-tumor-activity-6597110360078192640-ZHeY/)
  - [https://www.linkedin.com/posts/biogelx-limited\\_goodbye-flat-biology-2019-biogelx-tumor-activity-6600685886327918592-7k7S/](https://www.linkedin.com/posts/biogelx-limited_goodbye-flat-biology-2019-biogelx-tumor-activity-6600685886327918592-7k7S/)
  - [https://www.linkedin.com/posts/biogelx-limited\\_advanced-biomaterials-a-key-focus-in-the-activity-6544558341656588288-ed5G/](https://www.linkedin.com/posts/biogelx-limited_advanced-biomaterials-a-key-focus-in-the-activity-6544558341656588288-ed5G/)
  - [https://www.youtube.com/watch?v=p48Un3EUR9Q&feature=youtu.be&utm\\_content=108117114&utm\\_medium=social&utm\\_source=linkedin&hs\\_channel=lcp-3042346](https://www.youtube.com/watch?v=p48Un3EUR9Q&feature=youtu.be&utm_content=108117114&utm_medium=social&utm_source=linkedin&hs_channel=lcp-3042346)
  - <https://www.facebook.com/plugins/post.php?href=https%3A%2F%2Fwww.facebook.com%2Fbiogelx%2Fposts%2F1394863554031498%3A0>
  - <https://www.facebook.com/plugins/post.php?href=https%3A%2F%2Fwww.facebook.com%2Fbiogelx%2Fposts%2F1357338224450698%3A0>
  - <https://www.facebook.com/plugins/post.php?href=https%3A%2F%2Fwww.facebook.com%2Fbiogelx%2Fposts%2F1355342501316937%3A0>
  - <https://twitter.com/biogelx/status/1111667118821519360>
  - <https://twitter.com/biogelx/status/1088791120635707394>
  - <https://twitter.com/biogelx/status/1017697911818407936>
  - <https://twitter.com/biogelx/status/1204366040592982017>
  - <https://twitter.com/morenorse/status/1199284377177464832>
  - <https://twitter.com/biogelx/status/1194920240335007744>
  - <https://twitter.com/biogelx/status/1192041436319043584>
  - <https://twitter.com/biogelx/status/1191344668853915648>

A THERACAT social media account will be launched within the next few months in collaboration with the Communications and Outreach Unit of IBEC to communicate the first project results and encourage students to undertake research careers.

- **News on beneficiaries' websites:** some news about the THERACAT project have been published on BGX website, which received 15.165 views during the last year.
  - <https://www.biogelx.com/goodbye-flat-biology-biogelx-tumor-model-for-chemotherapy-testing/>
  - <https://www.biogelx.com/advancing-3d-models-for-defeating-cancer/>
  - <https://www.biogelx.com/biogelx-tumor-model-for-chemotherapy-testing/>
  - <https://www.biogelx.com/advanced-biomaterials-key-focus-in-development-of-bioorthogonal-and-bioresponsive-strategies/>
  - <https://www.biogelx.com/3d-hydrogels-and-bioinks-for-in-vitro-modelling-in-advanced-therapies-our-experience-at-ibin-3dbionet-meeting/>
- **Newspapers:** Shreyas Wagle from TAU (**ESR2**) was interviewed by the Indian local newspaper Loksatta and presented the THERACAT project and consortium (<https://www.loksatta.com/viva-news/jagachya-pativar-article-shreyas-wagle-abn-97-1996446/>).
- **Outreach events:** several ESRs participated in outreach events at their host institutions opened to students at different levels, as detailed below.
  - **Alis Olea (ESR7, IBEC).** Participation in "(Re)search4Talent" event for undergraduate and master students interested in a research career at IBEC (Barcelona, SPAIN). 21/05/2019
  - **Manos Archontakis (ESR6, TUE).** Demonstration of microscope facilities for BSc students at TUE (Eindhoven, THE NETHERLANDS). 11/2019
  - **Maria Vlastara (ESR12, TAG).** Hands-on-sessions at the Radboud University Medical Center Summer school "State of the art Radionuclide Imaging and Therapy in Oncology" (Nijmegen, THE NETHERLANDS). 12-16/08/2019
  - **Stephen Croke (ESR5, EDI), Melissa van de L'Isle (ESR11, EDI), Asier Unciti-Broceta (EDI).** Short stay of High School student (Eva Russo) from Algeciras (Spain) that won a Diverciencia scholarship to visit EDI lab and learn on bioorthogonal chemistry (Edinburgh, UK). 02-06/09/2019. [https://www.europasur.es/algeciras/omar-rodriguez-eva-russo-diverciencia\\_0\\_1360364158.html](https://www.europasur.es/algeciras/omar-rodriguez-eva-russo-diverciencia_0_1360364158.html)
  - **Boris Lozhkin (ESR10, BAS), Thomas Ward (BAS).** Chemistry Olympiad Workshop for gifted Swiss high school students (Basel, SWITZERLAND). 23/11/2019

- **Cancer-related charity events:** Africa Galvez from BGX (**ESR9**) will participate in the 2020 Scottish 10K Run, fundraising for Cancer Research UK (Edinburgh, UK). <https://fundraise.cancerresearchuk.org/page/africagalv>  
*Of note, due to the COVID-19 confinement measures it may be that the run itself is cancelled (scheduled September 20<sup>th</sup>, 2020), but the fundraising event is still active and people are donating to Africa's fundraising page for CRUK.*
- **THERACAT video (D8.4):** Anjana Sathyan (**ESR4**), Manos Archontakis (**ESR6**), Alis Olea (**ESR7**) and Daniel Rodríguez (**ESR13**) established a working group to create a video to explain main goals of the THERACAT project and societal implications for a general audience. They are currently working on the content and visualization, and after COVID-19 restrictions the video will be performed in collaboration with the ICMS animation studio of TUE.

## 1.2. Dissemination activities

Dissemination activities performed during the second year (or currently on-going) have been the following:

- **Publication of results in scientific peer-reviewed journals:** despite the progresses made by the ESRs in their individual research projects, no paper has been published yet. Two ESRs are currently preparing their first manuscript to be submitted to international peer-reviewed journals: Alis Olea from IBEC (**ESR7**, topic: study of the behaviour in cells of micelles produced by TAU using advanced microscopy imaging) and Boris Lozhkin from BAS (**ESR10**, topic: new methodology to generate monosubstituted benzene derivatives).
- **Conferences:**
  - *Poster presentation:*  
Authors: **Africa Galvez-Flores (ESR9, BGX)**. Title: 3D Hydrogels and Bioinks for Realistic In-vitro Cancer Modelling. Conference: Goodbye Flat Biology (Berlin, GERMANY). 11/11/2019
  - *Oral presentation:*  
Authors: **Africa Galvez-Flores (ESR9, BGX)**. Title: 3D Hydrogels and Bioinks for In-vitro modelling in Advanced Therapies. Event: Joint 3DBioNet IBIN Meeting (London, UK). 20/01/2020
- **Workshop/seminars:**
  - Authors: **Maria Vlastara (ESR12, TAG)**. Title: In-vivo click and click-to-release strategies for in vivo catalyst activation. Event: Presentation at the Nuclear Medicine Department, Radboud University Medical Center (Nijmegen, THE NETHERLANDS). 28/05/2019

- Authors: **Africa Galvez-Flores (ESR9, BGX)**. Title: An In-vitro 3D Model for Chemotherapy Testing. Event: Biomaterials Seminar Series at the Centre for the Cellular Microenvironment (University of Glasgow, UK). 26/11/2019
- Authors: **Anjana Sathyan (ESR4, TUE)**. Title: Single chain polymeric nanoparticles as catalyst carriers for prodrug activation. Event: Colloquium at the TU Eindhoven (Eindhoven, THE NETHERLANDS). 14/12/2019
- Authors: **Stephen Croke (ESR5, EDI)**. Title: Targeting Cancer Through the Local Destruction of Proteins. Event: Seminar at Institute of Genetics & Molecular Medicine (Edinburgh, UK). 21/01/2020
- Authors: **Linlin Deng (ESR8, TUE)**. Title: A study on the stability of single chain polymeric nanoparticles in complex media. Event: Colloquium at the TU Eindhoven (Eindhoven, THE NETHERLANDS). 17/02/2020

## 2. References

N/A