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	<b>SINERGY WORKSHOP ON TRANSLATIONAL &amp; CLINICAL ONCOLOGY APPLIED TO ENVIRONMENTAL &amp; OCCUPATIONAL CANCER: FOCUS ON RADON</b>
<b>Coordinator</b>	Laura Mezquita, MD, PhD; Hospital Clinic of Barcelona, Barcelona, Spain; Laboratory of Translational Genomics and Targeted therapies in solid Tumors, IDIBAPS; Department of Medicine, University of Barcelona
<b>Date</b>	13 - 15 May 2024; Hybrid 3-day course
<b>Place</b>	Campus Clínic (FRCB-IDIBAPS, Hospital Clinic and University of Barcelona – UB -) C/ del Rosselló, 149, L'Eixample, 08036 Barcelona <a href="https://www.clinicbarcelona.org/en/idibaps">https://www.clinicbarcelona.org/en/idibaps</a>
<b>Course topic:</b>	This is a Workshop for researchers working in the radiation and radon field on <b>clinical and translational oncology</b> applied to radiation-related tumors. The main objective is to train a group of radiation researchers to <b>gain knowledge in oncology and precision medicine applied to radiation-related tumors</b> , an area that has been underexplored in their training for a comprehensive understanding of ionizing radiation in cancer from 360° perspective, integrating the clinical implications.

<b>AGENDA</b>	
<b>Mon, 13.05.2024</b>	<b>DAY 1: PRECISION MEDICINE IN ONCOLOGY</b>
	<p>09:00- 09:30: Welcome. (Dr. L. Mezquita)</p> <p>09:30-10:15: Lecture 1: <u>Oncology, Clinical &amp; Translational research in 2024.</u> (Dr. L. Mezquita)</p> <p>10.15-10.40: <i>Coffee Break.</i></p> <p>10.40- 12.00: Visit - IDIBAPS, Hospital Clinic &amp; UB facilities. (Dr. L. Mezquita; A. Arcocha)</p> <p>12.00-12.45: Lecture 2: <u>Precision medicine &amp; molecular profiling: molecular pathways in cancer.</u> (Dr. Teixidó)</p> <p>12.45-14.30: <i>Lunch Break.</i></p> <p>14.30-15.15: Lecture 3: <u>Immunoncology: the role of the immune system in cancer.</u> (Dr. S. Navarro)</p> <p>15.15-16.00: Lecture 4: <u>Genetic predisposition in Cancer.</u> (Dr. JC Laguna)</p> <p>16.00-16.45: Lecture 5: <u>Radiation Oncology in the era of Precision Medicine.</u> (Dr. C Ares)</p> <p>16.45-17.30: Lecture 6: <u>Cancer Prevention: interventions and clinical implications.</u> (Dr. A. Navarro)</p> <p>17.30-17.45: <i>Break.</i></p> <p>17.45-18.45: <u>Expert Mentoring Sessions</u> [one-on-one discussions between the participants and Faculty team; <b>please – contact us if you are interested</b>]</p>
<b>Tue, 14.05.2024</b>	<b>DAY 2: SOLID &amp; HEMATOLOGICAL TUMORS</b>
	<p>9.00-9.45: Lecture 7: <u>Lung &amp; other thoracic tumors: clinical &amp; translational perspective.</u> (Prof. B. Besse)</p> <p>9.45-10.30: Lecture 8: <u>Brain tumors: clinical &amp; translational perspective.</u> (Dr. E Pineda)</p> <p>10:30-11.00: <i>Coffee Break.</i></p> <p>11.00-11.45: Lecture 9: <u>Hematological malignancies: clinical &amp; translational perspective.</u> (Dr. A. Cortés)</p> <p>11.45-12.30: Lecture 10: <u>Pediatric cancer: clinical &amp; translational perspective.</u> (Dr. A. Castañeda)</p> <p>12.30-14.00: <i>Lunch Break.</i></p> <p>14.00-14.45: Lecture 11: <u>Gastric &amp; other gastrointestinal tumors: clinical &amp; translational perspective.</u> (Dr. T. Sauri)</p> <p>14.45-15.30: Lecture 12: <u>Breast Cancer &amp; gynecological tumors: clinical &amp; translational perspective.</u> (Dr. E. Seguí)</p> <p>15.30-16.15: Lecture 13: <u>Other solid tumors: clinical &amp; translational perspective.</u> (Dr. M. García de Herrerós)</p> <p>16.15-16.45: <i>Break.</i></p> <p>16.45-18.45: <u>Expert Mentoring Sessions</u> [one-on-one discussions between the participants and Faculty team; <b>please – contact us if you are interested</b>]</p>
<b>Wed, 15.05.2024</b>	<b>DAY 3: RADIATION-RELATED CANCER &amp; CLINICS</b>
	<p>9.00-10.30: <u>Meet the Expert Session</u></p> <ul style="list-style-type: none"> <li>- 9.00-9.30: Environmental &amp; occupational cancer: Exposome (Dr. M. Kogevinas)</li> <li>- 9.30-10.00: Radiation related cancer in patients: clinical &amp; translational perspective (Dr. L. Mezquita)</li> <li>- 10.00-10.30: Roundtable – Discussion</li> </ul> <p>10.30-11.00: <i>Coffee Break.</i></p> <p>11.00-12.00: Translation to the Clinic: “Molecular Tumor Board” learning session. A clinical case of a patient with a solid tumor - discussion of the clinical orientation based on the molecular profile. (Dr. JC Laguna)</p> <p>12.00-13.30: “Precision Medicine Workshop”: Practical Application in Tumor Cases; participation of Molecular Tumor Board team. (Dr. JC Laguna; Dr. L. Mezquita; Molecular Tumor Board team)</p> <p>13.30-15.00: <i>Lunch Break.</i></p> <p>15.00-16.00: Patient’s perspective (Patient with lung cancer)</p> <p>16.00-16.30: Conclusions &amp; take-home messages (Dr. L. Mezquita)</p>

Additional info	<p>If you are interested on one to one mentoring session with one or more Faculty, Please contact <b>before May 10<sup>th</sup></b> to: <a href="mailto:imezquita@clinic.cat">imezquita@clinic.cat</a>; <a href="mailto:lalcolea@recerca.clinic.cat">lalcolea@recerca.clinic.cat</a></p>
Faculty team	<p><b>Coordinator (Host):</b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Laura Mezquita</b>; medical oncologist, clinician-scientist, Thoracic Tumors Group, Hospital Clinic, IDIBAPS, Barcelona, Spain; Co-coordinator of the Molecular Tumor Board at Hospital Clinic; Task leader in RADONORM (4.5)</li> </ul> <p><b>Medical Oncology</b></p> <ul style="list-style-type: none"> <li>- <b>Prof. Aleix Prat</b>; medical oncologist, clinician-scientist, Head of the Clinic Cancer Center at Hospital Clinic, Head of the Laboratory of Translational Genomics in IDIBAPS, Barcelona, Spain</li> <li>- <b>Dr. Juan Carlos Laguna</b>; medical oncologist, Thoracic Tumors Group, Hospital Clinic, IDIBAPS, Barcelona, Spain</li> <li>- <b>Dr. Alejandro Navarro</b>; medical oncologist, Thoracic Tumors Group, Hospital Clinic, IDIBAPS, Barcelona, Spain</li> <li>- <b>Ainara Arcocha</b>; Project manager of Radon Research Projects, Thoracic Tumors Group, Hospital Clinic, IDIBAPS, Barcelona, Spain</li> <li>- <b>Dr. Estela Pineda</b>; medical oncologist, Brain Tumors Group, Hospital Clinic, Barcelona, Spain</li> <li>- <b>Dr. Tamara Sauri</b>; medical oncologist, Gastrointestinal Tumors Group, Hospital Clinic, Barcelona, Spain</li> <li>- <b>Dr. Marta García de Herrerros</b>; Urological Tumors Group, medical oncologist, Hospital Clinic, IDIBAPS, Barcelona, Spain</li> <li>- <b>Dr. Elia Segui</b>; medical oncologist, Breast Cancer Group, Hospital Clinic, IDIBAPS, Barcelona, Spain</li> </ul> <p><b>Immunology</b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Sergio Navarro</b>; Immunologist, Immunology Department, Hospital Clinic, IDIBAPS, Barcelona, Spain</li> </ul> <p><b>Radiation Oncology</b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Carme Ares</b>; Radiation Oncologist, Radiation Oncology Department, Hospital Clinic, IDIBAPS, Barcelona, Spain</li> </ul> <p><b>Hematology</b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Albert Cortés</b>, Hematologist, Hematology Department, Hospital Clinic, IDIBAPS, Barcelona, Spain</li> </ul> <p><b>Pediatric Oncology</b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Alicia Castañeda</b>; Pediatric Oncologist, Sant Joan de Deu Hospital, Barcelona, Spain</li> </ul> <p><b>Pathology Department</b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Cristina Teixidó</b>; molecular biologist, Molecular Pathology Department, Hospital Clinic, IDIBAPS, Barcelona, Spain</li> </ul> <p><b>Molecular Tumor Board</b></p> <ul style="list-style-type: none"> <li>- <b>Dr. Xavier Solé</b>; bioinformatician, Bioinformatics Unit, Molecular CORE Group, Hospital Clinic, IDIBAPS, Barcelona, Spain; Member of the Molecular Tumor Board at Hospital Clinic.</li> <li>- <b>Dr. Jose Luis Villanueva</b>; bioinformatician, Hospital Clinic, IDIBAPS, Barcelona, Spain; Member of the Molecular Tumor Board at Hospital Clinic.</li> <li>- <b>Dr. Celia Badenas</b>; geneticist, Head of the Genetics Unit, at Hospital Clinic, Barcelona, Spain; Member of the Molecular Tumor Board at Hospital Clinic.</li> <li>- <b>Dr. Miriam Potrony</b>; geneticist, Hospital Clinic, Barcelona, Spain; Member of the Molecular Tumor Board at Hospital Clinic.</li> <li>- <b>Dr. Elia Grau</b>, clinical counselor, Hospital Clinic, Barcelona, Spain; Member of the Molecular Tumor Board at Hospital Clinic.</li> <li>- <b>Dr. Gisela Grau</b>, pharmacist, Hospital Clinic, Barcelona, Spain; Member of the Molecular Tumor Board at Hospital Clinic.</li> <li>- <b>Dr. Carla Montironi</b>; molecular biologist, Molecular Pathology Department, Hospital Clinic, IDIBAPS, Barcelona, Spain; Co-coordinator of the Molecular Tumor Board at Hospital Clinic.</li> <li>- <b>Dr. Laura Mezquita</b>; medical oncologist, clinician-scientist, Thoracic Tumors Group, Hospital Clinic, IDIBAPS, Barcelona, Spain; Co-coordinator of the Molecular Tumor Board at Hospital Clinic; Task leader in RADONORM (4.5)</li> </ul> <p><b>Invited speakers</b></p> <ul style="list-style-type: none"> <li>- Dr. Manolis Kogevinas [ISGlobal, Barcelona, Spain]</li> <li>- Prof. Benjamin Besse; medical oncologist, head of Clinical Research, Gustave Roussy Cancer Centers, France; Task leader in RADONORM (4.5)</li> <li>- Patient with lung cancer, AEACAP representative (Spanish Association of patients with lung cancer)</li> </ul>