

Curriculum Vitae

Europass

Personal Information

First Name and Last Name

Savino Paradiso

Address n.1

Address n. 2

Mobile Phone

E-mail

Citizenship

Italian

Date of birth

Gender

M

Professional Experience

Date	From November 2022 to November 2023
Job position	<i>Research Fellowship</i> <i>"Epigenetic mechanisms underlying anorexia and sarcopenia in cancer."</i>
Main Activities	SSD: MED/09 • DNA/RNA extraction • PCR / q-RT-PCR • Western Blot
Name of University	Sapienza – University of Rome - Department of Translational and Precision Medicine
Name of Laboratory	Laboratory of Nutrition and Metabolism Director: Prof. Maurizio Muscaritoli Tutor: Prof. Alessio Molfino
Date	From June 2022 to September 2022
Job position	<i>Senior Fellowship</i> <i>"Evaluation of the in vitro antitumor effect of natural compounds inhibiting Notch and/or Hedgehog signaling pathways in experimental models of human cholangiocarcinoma."</i>
Main Activities	SSD: MED/12 • Cellular Biology • Molecular Biology • PCR / q-RT-PCR • Western Blot
Name of University	Sapienza – University of Rome - Department of Translational and Precision Medicine
Name of Laboratory	Laboratory of Hepatology Director: Prof. Domenico Alvaro Tutor: Prof. Vincenzo Cardinale

Date	From November 2021 to Present
Job position	<i>PhD Student</i> <i>“Experimental and clinical Hepato-Gastroenterology”</i>
Main Activities	• Cellular Biology • Cellular Isolation • Molecular Biology • Metabolism Assays • PCR / q-RT-PCR • 3D cultures (e.g., tumoroids, organoids) • Western Blot • Flow cytometry (e.g., Acridine Orange, PI, Annexin V) • DNA/RNA/Protein/miRNA extraction • MTT/MTS assay • Colony-forming assay • GraphPad Prism • FlowJo • Direct/indirect co-culture • PBMCs isolation • Liquid Biopsy
Name of University	Sapienza – University of Rome - Department of Translational and Precision Medicine
Name of Laboratory	Laboratory of Hepatology Director: Prof. Domenico Alvaro Tutor: Prof. Vincenzo Cardinale

Date	From June 2019 to July 2021
Job positions	Curricular Internship
Main Activities	• Cell culture • Western Blot • PCR • Real Time PCR • Immunoprecipitation • Viral transfection • Drug treatments • Immunofluorescence • Flow cytometry (BD FACSCalibur) • Protein extraction • DNA/RNA extraction • Cell staining (e.g., Acridine Orange, PI, Annexin V) • Cell cycle analysis • MTT/MTS proliferation assay
Name of University	Sapienza – University of Rome - Department of Molecular Medicine
Name of Laboratory	Laboratory of Molecular Pathology Director: Prof.ssa Isabella Screpanti Tutor: Prof. Diana Bellavia Experimental thesis: “The "retrograde" signaling pathway induced by Notch's ligand, Jagged1, is directly involved in chemoresistance mechanisms in colorectal cancer: new potential therapeutic approaches.”

Date	From May 2018 to August 2018
Job position	Erasmus +Traineeship
Main Activities	• Cell culture • NK92 cell culture • ImageJ - MTrackJ • Flow Cytometry • FlowJo • Transwell Migration Assay • GraphPad Prism
Name of University	University of Liverpool - Institute of Infection and Global Health
Name of Laboratory	Department of Infection Biology Tutor: Dr. Janine Coombes
Date	From November 2017 to March 2018
Job position	Curricular Internship
Main Activities	• Immunofluorescence • Flow Cytometry • Western Blot • Gene Silencing • In Vitro Transwell Migration Assay
Name of University	Sapienza – University of Rome - Department of Molecular Medicine
Name of Laboratory	Laboratory of Immunology and Immunopathology Director: Prof.ssa Angela Santoni Tutor: Prof. Giovanni Bernardini
	Experimental thesis: “Analysis of gene expression silencing of the CXCR3 chemokine receptor”.

Education

Date **July 22, 2021**

Master's Degree Laurea Magistrale in **Biotechnologie Mediche** – Curriculum **Biomolecolare (LM-9)**

Exams	Exam	SSD	Score
	DIAGNOSTICA DI LABORATORIO E MOLECOLARE - DIAGNOSTICA MOLECOLARE E IMAGING	BIO/12, MED/04, MED/08, MED/36	30 e lode
	PRINCIPI DI BIOETICA DEONTOLOGIA DIRITTO ED ECONOMIA AZIENDALE - STRUMENTAZIONE ORGANIZZAZIONE E SICUREZZA DI LABORATORIO	MED/02, MED/42, SECS-P/08	30 e lode
	IMMUNOLOGIA ED IMMUNOPATOLOGIA - PATOLOGIA MOLECOLARE E CELLULARE	MED/04, MED/05	30
	BIOINGEGNERIA CELLULARE TISSUTALE E D'ORGANO - TECNICHE BIOTECNOLOGICHE IN CHIRURGIA	BIO/13, MED/04, MED/18, MED/46, MED/50	28
	FARMACOLOGIA E TERAPIE MOLECOLARI	BIO/14, MED/49	30
	PATOLOGIA GENETICA E GENETICA UMANA - BIOTECNOLOGIE DELLA RIPRODUZIONE UMANA	MED/04, MED/05	30 e lode
	MEDICINA MOLECOLARE E MODELLI ANIMALI DI MALATTIA - MEDICINA RIGENERATIVA	MED/04, MED/08, MED/09, MED/11, MED/15, MED/46, VET/01	30 e lode
	BIOTECNOLOGIE CELLULARI	BIO/17	30
	SCIENZE E TECNICHE MORFO-FUNZIONALI AVANZATE	BIO/09, BIO/16	30
	BIOCHIMICA E BIOLOGIA STRUTTURALE - BIOINFORMATICA ED INGEGNERIA PROTEICA	BIO/10, BIO/11	30 e lode
	BASI MOLECOLARI DELLE FUNZIONI CELLULARI	BIO/13	30 e lode
	VIROLOGIA E PARASSITOLOGIA MOLECOLARE	MED/07, VET/06	30

Name of University Sapienza – University of Rome

Date	March 15, 2018
Bachelor's Degree	Laurea Triennale in Biotechnologie (L-2)
Exams	• ISTOLOGIA E BIOLOGIA DELLO SVILUPPO (BIO/06; BIO/17) • BIOLOGIA CELLULARE (BIO/06; BIO/13) • ACCESSO AI FARMACI NEI PAESI IN VIA DI SVILUPPO (-) • CHIMICA GENERALE E INORGANICA (CHIM/03) • LINGUA INGLESE (-) • MATEMATICA (MAT/05) • ANATOMIA E FISIOLOGIA GENERALE (BIO/09; BIO/16) • MICROBIOLOGIA INDUSTRIALE E TECNOLOGIE AMBIENTALI (CHIM/11; ING-IND/25) • FISIOLOGIA UMANA E FISIOLOGIA VEGETALE (BIO/04; BIO/09) • BIOLOGIA MOLECOLARE (BIO/10; BIO/11) • CHIMICA ORGANICA (CHIM/06) • CHIMICA FARMACEUTICA E TECNOLOGIE FARMACEUTICHE (CHIM/08; CHIM/09) • PATOLOGIA CLINICA (MED/05) • BIOCHIMICA E BIOTECNOLOGIE BIOCHIMICHE (BIO/10) • IMMUNOLOGIA E PATOLOGIA GENERALE CON MODELLI DI MALATTIA, BIOETICA ED ASPETTI ECONOMICI E LEGISLATIVI (MED/04; MED/02) • FARMACOLOGIA (BIO/14) • MICROBIOLOGIA GENERALE, BIOTECNOLOGIE MICROBICHE ED ELEMENTI DI MICROBIOLOGIA MEDICA (MED/07; BIO/19) • FISICA (FIS/01) • ANALISI BIOCHIMICO CLINICHE (BIO/12) • BIOINFORMATICA (BIO/10) • CHIMICA ANALITICA ED ELEMENTI DI CHIMICA FISICA (CHIM/01; CHIM/02) • GENETICA (BIO/13; BIO/18)
Name of University	Sapienza – University of Rome
Date	July 2012
High School	Liceo Scientifico sperimentale - "Brocca" Rank: 97/100
Name of High School	Liceo Scientifico E. Majorana, Genzano di Lucania (PZ)

Personal Skills

Native Speaker **ITALIAN**

Other Language **ENGLISH**

Autovalutazione

Livello europeo

Understanding		Speaking		Writing
Listening	Reading	Oral Interaction	Oral Production	
C1	C1	C1	C1	C1

Livelli: A1 e A2: Utente base - B1 e B2: **Utente autonomo** - C1 e C2: Utente avanzato
Quadro Comune Europeo di Riferimento delle Lingue

Capacità e competenze
sociali

Excellent interpersonal and organizational skills learned during:

- English courses in Oxford
- Organization of events
- CEN voluntary service (National Eucharistic Congress) located in Ancona
- migrant volunteering.

Capacità e competenze
organizzative

- Excellent team-leading and problem-solving skills acquired during my presence in the **Assembly of Members** of the cultural association 'Sapienza in Movimento' as well as during my stay in the **Council** of the **Master's Degree** Course in Medical Biotechnology and in the **Commission Quality Assurance** as **Student Representative**.
- Excellent communication skills and strong dialectic.

Partecipazione a Congressi e
Pubblicazioni

- **CA18122 TRAINING SCHOOL** (Patras, Greece) 1-2 Giugno 2023.
Seminario dal titolo: "Development of biologically useful novel chemical entities (NCEs)".
- **2024** - Potential of a natural compound as Hedgehog pathway inhibitor for the treatment of Intrahepatic Cholangiocarcinoma
Paradiso, S.; Carpino, G.; Quaglio, D.; Ghirga, F.; Di Meo, C.; Paoletti, L.; De Luca, T.; Franchitto, M.; Di Marcotullio, L.; Infante, P.; Gaudio, E.; Alvaro, D.; Cardinale, V. - 04b Atto di convegno in volume congresso: 30° CONGRESSO NAZIONALE DELLE MALATTIE DIGESTIVE (Rome; Italy)
- **2024** - Targeting Hedgehog signaling pathway by a natural compound: a promising approach for anti-cancer therapeutic development in Intrahepatic Cholangiocarcinoma
Paradiso, S.; Carpino, G.; Quaglio, D.; Ghirga, F.; Di Meo, C.; Paoletti, L.; De Luca, T.; Franchitto, M.; Di Marcotullio, L.; Infante, P.; Gaudio, E.; Alvaro, D.; Cardinale, V. - 04f Poster congresso: 56th Annual Meeting of the Italian Association for the Study of the Liver (Rome, Italy) rivista: Digestive and Liver Disease Volume 56 pp. 23
- **2024** - Biliary stem cells in health and cholangiopathies and cholangiocarcinoma
Cardinale, Vincenzo; **Paradiso, Savino**; Alvaro, Domenico - 01g Articolo di rassegna (Review) rivista: CURRENT OPINION IN GASTROENTEROLOGY (Lippincott, Williams & Wilkins: 530 Walnut Street: Philadelphia, PA 19106; (800) 638-3030, (301) 223-2300, EMAIL: orders@lww.com, INTERNET: http://www.lww.com, Fax: (301) 223-2320, (301) 223-2320) pp. 92-98 - issn: 0267-1379 - wos: (0) - scopus: 2-s2.0-85184549791 (0)
- **2024** - Impairing proliferation, survival and invasiveness of Intrahepatic Cholangiocarcinoma through a novel natural Hedgehog pathway inhibitor
Paradiso, S.; Carpino, G.; Quaglio, D.; Ghirga, F.; Di Meo, C.; Paoletti, L.; De Luca, T.; Franchitto, M.; Di Marcotullio, L.; Infante, P.; Gaudio, E.; Alvaro, D.; Cardinale, V. - 04f Poster congresso: Liver Cancer Summit 2024 (Rotterdam - Netherlands) libro: Liver Cancer Summit 2024 - Abstract Book
- **2023** - GLI1-selective inhibitor, Glabrescione B, impairs proliferation in intrahepatic cholangiocarcinoma
Paradiso, S.; Carpino, G.; Quaglio, D.; Ghirga, F.; Di Meo, C.; Paoletti, L.; De Luca, T.; Cremisini, F.; Franchitto, M.; Di Marcotullio, L.; Infante, P.; Gaudio, E.; Alvaro, D.; Cardinale, V. - 04f Poster rivista: UNITED EUROPEAN GASTROENTEROLOGY JOURNAL ([London] : SAGE Publications) pp. 1335-1336 - issn: 2050-6414 - wos: (0) - scopus: (0) congresso: 31st United European Gastroenterology Week 2023 (Copenhagen, Denmark) libro: United European Gastroenterology Journal Volume 11: 31st United European Gastroenterology Week 2023

Altre capacità e competenze

- Cambridge ESOL – Council of Europe **Level B1** – University of Cambridge Certificazione rilasciata in Agosto 2011 - ID credenziale: 0032364122
- Attestato di frequenza del Corso: “Il rischio nelle strutture sanitarie” rilasciata da Unitelma Sapienza - Codice Ateco Q 86.10.30 – Tipologia del rischio: ALTO – Durata: 16 ore – ID attestato: jDnSxQBb
- Abilitazione all’esercizio della professione di Biologo Senior (Sez. A) rilasciata a Novembre 2021
- “Next Generation Sequencing and its Clinical ApplicationsNext Generation Sequencing and its Clinical Applications” Novogene Europe - Data di rilascio: set 2022
- “A Beginner's Guide to DNA Sequencing: Recent AdvancesA Beginner's Guide to DNA Sequencing: Recent Advances” Novogene Europe - Data di rilascio: ott 2022
- “RNA-seq Bioinformatics Analysis ToolRNA-seq Bioinformatics Analysis Tool” Novogene Europe - Data di rilascio: nov 2022
- Attestato di formazione: 3a edizione del Corso di formazione (D.M 5 agosto 2021) accreditato dal Ministero della Salute 0024495-12/10/2022-DGSAF-MDS-P per l'ottenimento dei crediti necessari allo svolgimento delle funzioni a), b), c), d) e dei compiti di VD e RBA (d.lgs 26/2014)
- Attestato di frequenza del Corso: “Formazione Generale Salute e Sicurezza sul lavoro per lavoratori ed equiparati” ottenuto il giorno 13/03/2024 – ID: FyohfNOVmz

Patente A1, B

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all’art. 13 del D.Lgs. 196/2003 e all’art. 13 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali.

Date

26/04/2024

Signature

Savino Paradiso