

UNIVERSITA' DEGLI STUDI DI MILANO

CONCORSO PUBBLICO PER L'AMMISSIONE AI CORSI DI DOTTORATO - XXXIX CICLO

CORSO DI DOTTORATO IN SCIENZE FARMACOLOGICHE BIOMOLECOLARI, SPERIMENTALI E CLINICHE

Il colloquio consisterà in una presentazione power point del progetto della durata di 15 minuti (10 min. di presentazione e 5 min. di discussione). Si prega di presentarsi al colloquio 10 minuti prima della convocazione muniti di un documento di riconoscimento valido. Il colloquio avverrà presso il Dipartimento di Scienze Farmacologiche e Biomolecolari "Rodolfo Paoletti", Via Balzaretti 9, 20133 Milano - AULA D - h 08:30

The oral exam will consist in 15 minutes (10 minutes of power point presentation focussed on the project presented followed by 5 minutes of discussion). The interview will take place at Dipartimento of Scienze Farmacologiche e Biomolecolari "Rodolfo Paoletti", Via Balzaretti 9, 20133 Milano - AULA D h 08:30. Please, prepare a valid ID or passport.

The On-Line interview will take place on the platform TEAMS and will start at h 16:30 local time (h 4:30 pm, CET) by the link:  
[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_ODM4YTUwZjEtMDg1Mi00NmJiLTk5YjAtNDJmMWRkMWI5M2ly%40thread.v2/0?context=%7b%22Tid%22%3a%2213b55eef-7018-4674-a3d7-cc0db06d545c%22%2c%22Oid%22%3a%22ce2c4648-11c3-4504-b432-20acd6eb7645%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ODM4YTUwZjEtMDg1Mi00NmJiLTk5YjAtNDJmMWRkMWI5M2ly%40thread.v2/0?context=%7b%22Tid%22%3a%2213b55eef-7018-4674-a3d7-cc0db06d545c%22%2c%22Oid%22%3a%22ce2c4648-11c3-4504-b432-20acd6eb7645%22%7d)

Please, prepare a valid ID or passport.

| <i>Il candidato, per essere ammesso al colloquio, deve ottenere nel Curriculum minimo 10 punti e nel Progetto di Ricerca minimo 5</i> |                 |                      |                    |                  |                                      |                               |                  |   |
|---|-----------------|----------------------|--------------------|------------------|--------------------------------------|-------------------------------|------------------|---|
| cognome   | nome            | punteggio curriculum | punteggio progetto | punteggio totale | esito (ammesso/non ammesso/escluso*) | data colloquio:<br>14/09/2023 | orario colloquio | titolo progetto presentato  |
| AFRIDI  | MUHAMMAD SAJJAD | 7.5                  | 5                  | 12.5             | non ammesso                          |                               |                  | Personalized Medicine   |
| ALI   | AHMED           | 8                    | 6                  | 14               | non ammesso                          |                               |                  | Mechanisms of Neurodegeneration : Parkinson's disease and Oxidative Stress  |
| BECCHETTI   | ALESSIA         | 18                   | 9                  | 27               | Ammesso                              | 14/09/23                      | 08:30            | Identification of biomarker(s) to differentiate migraine with aura and causal or incidental patent foramen ovale (PFO |

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|------------|---------|------|-----|------|---------|----------|-------|---|
| BETTINSOLI | VALERIA | 10.6 | 8   | 18.6 | Ammesso | 14/09/23 | 08:30 | Identification of stress pathways triggered by RNA-based drugs and development of GLP-like in vitro assays for organ-specific toxicity  |
| BIANCHI    | DAVIDE  | 12   | 8   | 20   | Ammesso | 14/09/23 | 08:30 | Improving QbD strategy for monoclonal antibodies development: an in silico structural approach to evaluate the impact of core fucosylation and light chain isotype on biological activity of mAbs |
| BOTTANELLI | CHIARA  | 11.5 | 8.5 | 20   | Ammesso | 14/09/23 | 08:30 | Early life adversities and adolescent depression: identification of the molecular mechanisms associated with neurodevelopmental brain trajectories  |
| BRAGHIN    | MIRIANA | 11.1 | 8   | 19.1 | Ammesso | 14/09/23 | 08:30 | Unraveling the role of metabolism in the crosstalk between adipocytes and breast cancer cells   |
| CATTANEO   | MARCO   | 15.5 | 7   | 22.5 | Ammesso | 14/09/23 | 09:30 | UNRAVELING BULBAR-ONSET AMYOTROPHIC LATERAL SCLEROSIS BY A SYSTEM BIOLOGY STRATEGY.   |

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| CENCI       | GLORIA   | 14   | 6   | 20   | Ammesso | 14/09/23 | 09:30 | Sviluppo di nanovettori lipopeptidici autoassemblanti complessati con siRNA come terapia antitumorale innovativa                                    |
| CENTAZZO    | MATTEO   | 14   | 9   | 23   | Ammesso | 14/09/23 | 09:30 | Characterization of molecular and cellular mechanisms responsible for incomplete immune reconstitution in HIV(+) patients on antiretroviral therapy |
| CICCIARELLI | FELICE   | 12.5 | 6   | 18.5 | Ammesso | 14/09/23 | 09:30 | The specific JNK3 inhibitor peptide (SIMBA2) against transient cerebral ischemia  |
| CORNAGGIA   | LAURA    | 14.5 | 8.5 | 23   | Ammesso | 14/09/23 | 09:30 | Investigation of the interplayed role between polyQ and testosterone during motoneurons differentiation in Spinal and Bulbar Muscular Atrophy       |
| DE CILLIS   | FLORIANA | 12   | 7   | 19   | Ammesso | 14/09/23 | 10:30 | Early life stress and altered behaviours later in life: dissecting the interplay between the gut microbiota and the immune system.                  |

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| DE CORCI  | SIMONE         | 12.5 | 5   | 17.5 | Ammesso     |          | ONLINE | Oleic acid as a structural and functional component for the development of nanocarriers in the treatment of melanoma |
| DE MITRI  | ZEMIRA         | 15   | 8.5 | 23.5 | Ammesso     | 14/09/23 | 10:30  | Glioblastoma patient-derived extracellular vesicles to develop tools for the targeted delivery of therapeutic agents |
| FICARELLI | ALBERTO        | 18   | 4   | 22   | non ammesso |          |        | LA CREAZIONE DI UNA CELLULA SUPER COMPETITIVA PER CONTRASTARE L'ESPANSIONE TUMORALE                                  |
| FRANCHI   | ELSA           | 16   | 9   | 25   | Ammesso     | 14/09/23 | 10:30  | siRNA-based therapies to modulate ceramide synthesis in atherosclerosis  |
| GARAGNANI | STEFANO ANGELO | 10   | 4.5 | 14.5 | non ammesso |          |        | IDENTIFICAZIONE E SVILUPPO DI NUOVI ANTIVIRALI CONTRO COVID-19 E FUTURE PANDEMIE DA CORONAVIRUS.                     |

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| GENINI     | PATRIZIA | 10   | 6.5 | 16.5 | Ammesso     | 14/09/23 | 10:30  | EARLY LIFE STRESS AND THE INCREASED VULNERABILITY FOR STRESS-RELATED PSYCHIATRIC DISORDERS: DISSECTING THE KEY MOLECULAR MECHANISMS IN AN IN VITRO MODEL OF STRESS AND INFLAMMATION IN A DISH |
| GILLANI    | MUHAMMAD | 12   | 0   | 12   | non ammesso |          |        |   |
| IMPERATO   | GABRIELE | 14.1 | 8.5 | 22.6 | Ammesso     | 14/09/23 | 10:30  | Investigating the role of metabolism in HCC progression and sorafenib-resistance development  |
| INVERNIZZI | SABRINA  | 18   | 9   | 27   | Ammesso     | 14/09/23 | 11:30  | U1 snRNAs as a novel RNA-based therapeutic approach to attenuate C9ORF72 pathology in patient-derived iPSC-neurons and cerebral organoids   |
| JAFARI     | NILOUFAR | 12   | 5   | 17   | Ammesso     |          | ONLINE | INVESTIGATING OF HEPATITIS B PROTEIN "X" (HBX) AS A NOVEL THERAPEUTIC TARGET FOR CHRONIC HEPATITIS B AND HEPATOCELLULAR CARCINOMA   |

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| KANADIL       | MOHAMMED   | 14   | 4   | 18   | non ammesso |          |        | Classification Q-SAR models to detect the potential anti-inflammatory activity of botanical extracts.   |
| KUCI          | FESTINA    | 10   | 6   | 16   | Ammesso     |          | ONLINE | Studying the role of mitochondrial dynamism in cardiometabolic diseases   |
| LEVA          | SUSANNA    | 9.2  | 7   | 16.2 | non ammesso |          |        | Prospettive future per la BNCT: studio preclinico sulla fattibilità e gli effetti della terapia a cattura neutronica per il trattamento dell'Alzheimer. |
| LOCIURO       | LAURA      | 14.5 | 8.5 | 23   | Ammesso     | 14/09/23 | 11:30  | Development of a novel lipid-based delivery system to silence Nfix in Muscular Dystrophies  |
| LONGO MINNOLO | MARIKA     | 14.8 | 8   | 22.8 | Ammesso     | 14/09/23 | 11:30  | Hepatitis B virus X protein (HBx) as new therapeutic target for chronic hepatitis B and hepatocellular carcinoma  |
| LUCINI PAIONI | ALESSANDRO | 14   | 8   | 22   | Ammesso     | 14/09/23 | 11:30  | Engineering stem cells for immunomodulatory cell therapy of cardiovascular diseases   |
| MAKOLLI       | AMIR       | 10   | 4.5 | 14.5 | non ammesso |          |        | Optimization of nanosystems containing Thymus vulgaris essential oil and cytotoxic activity   |

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| MARANTA    | NICOLE            | 16.5 | 6.5 | 23   | Ammesso | 14/09/23 | 11:30 | Valorization of medicinal plants from the alpine area of northern Italy: from folk knowledge to pharmacological studies                                      |
| MERCURIALI | BENEDETTA         | 14.2 | 7   | 21.2 | Ammesso | 14/09/23 | 12:30 | Plant-derived extracellular vesicles as therapeutic agent for ischemic stroke  |
| MIDALI     | MIRIAM            | 12   | 6   | 18   | Ammesso | 14/09/23 | 12:30 | Development of an integrated strategy relevant for the identification of endocrine disrupting chemicals (EDCs) leading to metabolic dysfunction and obesity. |
| MOHAMED    | ALI AHMED MOHAMED | 14.5 | 6   | 20.5 | Ammesso | 14/09/23 | 12:30 | Deciphering Lysosomal Alterations and Quality Control Mechanisms in GBA1-Associated Neurodegeneration: A Non-Neuronal Cell Perspective                       |
| MORETTI    | ARIANNA           | 12.2 | 9   | 21.2 | Ammesso | 14/09/23 | 12:30 | Gene editing of human stem cells to control the immunoinflammatory response during atherosclerosis in humanized experimental models                          |

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| MUHAMMAD | UMAR GHALI   | 11   | 4   | 15   | non ammesso |          |        | Investigating the effect of Artificial Sweeteners on Cholinesterase: Invitro, in-silico, and machine learning approach              |
| NALLIO   | KEVIN        | 15   | 7.5 | 22.5 | Ammesso     | 14/09/23 | 12:30  | Myrtaceae species as a potential new pharmacological therapies for gastrointestinal system.<br>2) Abstrac                           |
| NICOLACI | VINCENZO     | 13   | 5   | 18   | Ammesso     |          | ONLINE | THE POST-ANTIBIOTIC ERA: ASSESSING THE POTENTIAL OF BACTERIOPHAGE THERAPY IN OVERCOMING ANTIBIOTIC RESISTANCE AMONG ESKAPE BACTERIA |
| OSIAC    | SILVIA IOANA | 10   | 6   | 16   | Ammesso     | 14/09/23 | 14:00  | Dynamic regulation of neurodevelopmental ERK signalling: investigating epigenetic risk for drug addiction                           |
| PAPLEKAJ | ARTEDA       | 15.2 | 6   | 21.2 | Ammesso     | 14/09/23 | 14:00  | Preclinical validation of Lysine Specific Demethylase 1 as a novel epigenetic target in the prophylactic treatment of PTSD          |



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| PAROLINI | ANNA      | 10   | 8 | 18   | Ammesso | 14/09/23 | 14:00 | The reprogramming of neutrophils as a target against cardio-metabolic diseases induced by dietary fats  |
| PATELLI  | GUGLIELMO | 10   | 8 | 18   | Ammesso | 14/09/23 | 14:00 | Characterization of alterations in axonal transport due to KIF5A mutants and possible recovery by PQC induction   |
| PORTO    | EDOARDO   | 18   | 5 | 23   | Ammesso | 14/09/23 | 15:00 | Tumor immune infiltrate: novel perspectives for personalized medicine in WHO grade 2 meningioma   |
| POTENZA  | ANTONELLA | 20   | 9 | 29   | Ammesso | 14/09/23 | 15:00 | Unveiling molecular mechanisms of Moyamoya angiopathy: from in vitro cell models to multi-omic approaches   |
| RIBOLDI  | BENEDETTA | 14.5 | 7 | 21.5 | Ammesso | 14/09/23 | 15:00 | Elucidating the role of the prokineticin system as a biomarker and a druggable target for multiple sclerosis and associated symptoms: effects of its pharmacological antagonism |

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| RUGGERI | FEDERICA | 14   | 7.5 | 21.5 | Ammesso | 14/09/23 | 15:00 | Gut-microbiota-brain axis in premenstrual dysphoric disorder (PMDD): role of neuroactive steroids and gut microbiota in PMDD-induced irritability |
| SANTINI | GIANLUCA | 14   | 5   | 19   | Ammesso | 14/09/23 | 16:00 | Ricerca e progettazione di un inibitore di oncoproteine K-Ras da estratti naturali  |
| SCOTTI  | STEFANO  | 12.5 | 5   | 17.5 | Ammesso | 14/09/23 | 16:00 | TOOLS TO IMPROVE THE EFFECTIVENESS OF CHRONIC TREATMENTS BY ADDRESSING INAPPROPRIATE PRESCRIBING AND ADHERENCE TO THERAPY                         |
| SHUAIB  | AHMAD    | 10   | 5   | 15   | Ammesso | 14/09/23 | 16:00 | Neuroprotective Effects of Small Molecules against Amyloid-beta-Induced Toxicity in Cellular and animal models of Alzheimer's Disease             |
| SPATARO | LETIZIA  | 14   | 7.5 | 21.5 | Ammesso | 14/09/23 | 16:00 | Sexual dimorphism in response to diets: the role of dietary AMINO acids in EPIgenetic reprogramming to treat metabolic diseases (AminoEpiC).      |

