



Università degli Studi di Roma "Tor Vergata"

CURRICULUM DIDATTICO-SCIENTIFICO DEL PROF. DANIELE PIETRUCCI

DATI PERSONALI

Nome e Cognome: Daniele Pietrucci

Luogo e data di nascita: Roma, 30/10/1989



ATTUALE POSIZIONE: Ricercatore Post-Doc (Assegnista di Ricerca)

Dipartimento: Dipartimento per l'Innovazione nei Sistemi

Agoralimentari, Forestali e Biologici –

Università degli Studi della Tuscia, Viterbo;

Indirizzo: Via S. Camillo de Lellis, snc, Viterbo, 01100

E-mail: daniele.pietrucci.89@gmail.com

Orario ricevimento: tutti i giorni previo appuntamento (online)

Settore scientifico-disciplinare: BIO/11

ATTIVITA' DIDATTICA - SCIENTIFICA

Titoli accademici e di studio:

- **2014:** Laurea Magistrale in Bioinformatica (110/110 e lode). Università degli Studi di Roma Tor Vergata, Dipartimento di Biologia;
- **2019:** Dottorato di Ricerca in Biologia Evoluzionistica ed Ecologia. Università degli Studi di Roma Tor Vergata, Dipartimento di Biologia;
- **2020:** Abilitato alla Professione di Biologo. Registrazione n. AA_085968 Ordine dei Biologi.

Formazione post-laurea presso istituzioni italiane ed estere ed incarichi professionali

- **02/2015-05/2015:** Collaboratore per attività di ricerca. Dipartimento per l'Innovazione nei Sistemi Agoralimentari, Forestali e Biologici – Università degli Studi della Tuscia, Viterbo;
- **01/2019-01/2020:** Assegnista di Ricerca . Università degli Studi di Roma Tor Vergata, Dipartimento di Biologia;
- **02/2019-07/2020:** Borsa di Ricerca. Università degli Studi di Roma Tor Vergata, Dipartimento di Biologia;
- **09/2020-11/2020:** Collaboratore per attività di ricerca. Ospedale Pediatrico Bambino Gesù;

Attività di ricerca: 15 pubblicazioni selezionate

- Teofani A, Marafini I, Laudisi F, **Pietrucci D**, Salvatori S, Unida V, Biocca S, Monteleone G, Desideri A. *Intestinal Taxa Abundance and Diversity in Inflammatory Bowel Disease Patients: An Analysis including Covariates and Confounders*. *Nutrients*. 2022 Jan 8;14(2):260.
- Mecocci S, **Pietrucci D**, Milanese M, Pascucci L, Filippi S, Rosato V, Chillemi G, Capomaccio S, Cappelli K. *Transcriptomic Characterization of Cow, Donkey and Goat Milk Extracellular Vesicles Reveals Their Anti-Inflammatory and Immunomodulatory Potential*. *Int J Mol Sci*. 2021 Nov 25;22(23):12759.
- Carpentieri G, Leoni C, Pietraforte D, Cecchetti S, Iorio E, Belardo A, **Pietrucci D**, Di Nottia M, Pajalunga D, Megiorni F, Mercurio L, Tatti M, Camero S, Marchese C, Rizza T, Tirelli V, Onesimo R, Carozzo R, Rinalducci S, Chillemi G, Zampino G, Tartaglia M, Flex E. *Hyperactive HRAS dysregulates energetic metabolism in fibroblasts from patients with*

Costello syndrome via enhanced production of reactive oxidizing species. Hum Mol Genet. 2021 Sep 11;ddab270.

- Laudisi F, Stolfi C, Bevivino G, Maresca C, Franzè E, Troncone E, Lolli E, Marafini I, **Pietrucci D**, Teofani A, Di Grazia A, Di Fusco D, Colantoni A, Ortenzi A, Desideri A, Monteleone I, Monteleone G. *GATA6 deficiency leads to epithelial barrier dysfunction and enhances susceptibility to gut inflammation.* J Crohns Colitis. 2021 Aug 10;jjab145.
- Mecocci S, Gevi F, **Pietrucci D**, Cavinato L, Luly FR, Pascucci L, Petrini S, Ascenzioni F, Zolla L, Chillemi G, Cappelli K. *Anti-Inflammatory Potential of Cow, Donkey and Goat Milk Extracellular Vesicles as Revealed by Metabolomic Profile.* Nutrients. 2020 Sep 23;12(10):2908.
- Abid N, **Pietrucci D**, Salemi M, Chillemi G. *New Insights into the Effect of Residue Mutations on the Rotavirus VP1 Function Using Molecular Dynamic Simulations.* J Chem Inf Model. 2020 Oct 26;60(10):5011-5025.
- **Pietrucci D**, Teofani A, Unida V, Cerroni R, Biocca S, Stefani A, Desideri A. *Can Gut Microbiota Be a Good Predictor for Parkinson's Disease? A Machine Learning Approach.* Brain Sci. 2020 Apr 19;10(4):242.
- Lai S, Molfino A, Testorio M, Perrotta AM, Currado A, Pintus G, **Pietrucci D**, Unida V, La Rocca D, Biocca S, Desideri A. *Effect of Low-Protein Diet and Inulin on Microbiota and Clinical Parameters in Patients with Chronic Kidney Disease.* Nutrients. 2019 Dec 9;11(12):3006
- **Pietrucci D**, Cerroni R, Unida V, Farcomeni A, Pierantozzi M, Mercuri NB, Biocca S, Stefani A, Desideri A. *Dysbiosis of gut microbiota in a selected population of Parkinson's patients.* Parkinsonism Relat Disord. 2019 Aug;65:124-130.
- Mastroilli E, **Pietrucci D**, Barco L, Ammendola S, Petrin S, Longo A, Mantovani C, Battistoni A, Ricci A, Desideri A, Losasso C. *A Comparative Genomic Analysis Provides Novel Insights Into the Ecological Success of the Monophasic Salmonella Serovar 4,[5],12:i:* Front Microbiol. 2018 Apr 17;9:715.



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ACADEMIC AND SCIENTIFIC CURRICULUM OF PROF. DANIELE PIETRUCCI

PERSONAL DATA

Name and Surname: Daniele Pietrucci
Place and date of birth: Rome, 30/10/1989



CURRENT POSITION: Post-doc Researcher (Research Fellow)
Department: Department for Innovation in Biological, Agro-food and Forest systems – University of Tuscia, Viterbo
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Consulting hours: all days by schedule (online)
Italian Ministry of Education Academic-Scientific sector: BIO/11

SCIENTIFIC AND DIDACTIC ACTIVITY

Education and academic positions:

- **2014:** Master's Degree in Bioinformatics (110/110 e lode). University of Rome "Tor Vergata", Department of Biology;
- **2019:** PhD in Evoluzinary Biology and Ecology. University of Rome "Tor Vergata", Department of Biology;
- **2020:** Abilitato alla Professione di Biologo. Registration n. AA_085968 Ordine dei Biologi.

Professional and didactic activities in Italian and Foreign Institutions:

- **02/2015-05/2015:** Research collaborator. Department for Innovation in Biological, Agro-food and Forest systems – University of Tuscia, Viterbo;
- **01/2019-01/2020:** Research Fellow. University of Rome "Tor Vergata", Department of Biology;
- **02/2019-07/2020:** Research Fellow. University of Rome "Tor Vergata", Department of Biology;
- **09/2020-11/2020:** Research collaborator. Collaboratore per attività di ricerca. Pediatric Hospital Bambino Gesù;

Research activity: 15 most significant publications

- Teofani A, Marafini I, Laudisi F, **Pietrucci D**, Salvatori S, Unida V, Biocca S, Monteleone G, Desideri A. *Intestinal Taxa Abundance and Diversity in Inflammatory Bowel Disease Patients: An Analysis including Covariates and Confounders*. *Nutrients*. 2022 Jan 8;14(2):260.
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Nottia M, Pajalunga D, Megiorni F, Mercurio L, Tatti M, Camero S, Marchese C, Rizza T, Tirelli V, Onesimo R, Carrozzo R, Rinalducci S, Chillemi G, Zampino G, Tartaglia M, Flex E. *Hyperactive HRAS dysregulates energetic metabolism in fibroblasts from patients with Costello syndrome via enhanced production of reactive oxidizing species*. Hum Mol Genet. 2021 Sep 11;ddab270.

- Laudisi F, Stolfi C, Bevivino G, Maresca C, Franzè E, Troncone E, Lolli E, Marafini I, **Pietrucci D**, Teofani A, Di Grazia A, Di Fusco D, Colantoni A, Ortenzi A, Desideri A, Monteleone I, Monteleone G. *GATA6 deficiency leads to epithelial barrier dysfunction and enhances susceptibility to gut inflammation*. J Crohns Colitis. 2021 Aug 10;jjab145.
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- Lai S, Molfino A, Testorio M, Perrotta AM, Currado A, Pintus G, **Pietrucci D**, Unida V, La Rocca D, Biocca S, Desideri A. *Effect of Low-Protein Diet and Inulin on Microbiota and Clinical Parameters in Patients with Chronic Kidney Disease*. Nutrients. 2019 Dec 9;11(12):3006
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- Mastrorilli E, **Pietrucci D**, Barco L, Ammendola S, Petrin S, Longo A, Mantovani C, Battistoni A, Ricci A, Desideri A, Losasso C. *A Comparative Genomic Analysis Provides Novel Insights Into the Ecological Success of the Monophasic Salmonella Serovar 4,[5],12:i:* Front Microbiol. 2018 Apr 17;9:715.