

CURRICULUM VITAE

Personal Details

Stefano Benedicenti
Title: Professor
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16100 Genoa, Italy
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Email address: benedicenti@unige.it

Photo



Education

Deemed suitable for the role of Professor in the Faculty of Medicine and Surgery at the University of Palermo in the Department of Science, MED 28, Dentistry in 2004.

Registered with the Provincial College of Physicians, Surgeons and Dentists in the Province of Genoa on January 23, 1995.

Obtained National License to practice Dentistry in November of 1994, final mark 60/60

Graduated in Dentistry and Prosthodontics, 1994
final mark 110/110 cum laude with research thesis entitled “*Application of a new amalgam with gallium in place of mercury*”,
Università degli Studi di Genova, Largo Rossana Benzi 10, Pavilion 4, Genoa Italy

Accepted into the faculty of Medicine and Surgery at the University of Genoa in 1988.

Completed secondary studies at Liceo Scientifico C. Colombo of Genoa in the academic year 1987/1988, final mark 56/60.

Experience

Professor in the Faculty of Medicine and Surgery at the Università degli Studi di Genova
07/2009 - present

Dean of the (Masters/bachelor) Degree course in Dental Hygiene
04/2021 - present

Chief Medical Officer of the Dental School- University of Genova- Pavilion 4- San Martino Hospital
04/2021 - present

Deemed suitable for the role of Full Professor
2017 - present

<u>President of the second level Master Degree in “Digital Dentistry”</u>	2019 - present
<u>President of the second level Master Degree in “Advanced Aesthetics and Restorative Dentistry”</u>	2016 - present
<u>Referent of the Erasmus program In Dentistry- University of Genova</u>	2015 - present
<u>Provincial Advisor for the Medical and Dental board</u>	2012 - present
<u>Head of the department center of conservative and endodontic dentistry of the Università degli Studi di Genova</u>	2010 - present
<u>President of the second level Master Degree in “International Master in Laser Dentistry”</u>	2010 - present
<u>Provincial Advisor for ANDI (National Association Italian Dentists)</u>	2009 - present
<u>Visiting Professor at New York University, New York</u>	2006
<u>Visiting Professor at Indian University, Wharda</u>	2006
<u>Visiting Professor at the University of Buffalo, Buffalo, New York</u>	2003
<u>President of 19 international Fellowship Courses in Laser Dentistry, Endodontics and Restorative Dentistry in Iran, Turkey, Lebanon, India, China, UAE, Bahrein, Qatar, Kuwait, Indonesia, Malesia, Sudan, Morocco</u>	2010 - present
<u>Adjunct Professor at the Università degli Studi di Genova, Largo Rossana Benzi 10, Pavilion 4, Genoa Italy</u>	1999 to 2009

Relevant Publications

135 peer reviewed publications

<https://www.scopus.com/authid/detail.uri?authorId=23092962600>

h index: 27

citations : 2255

Scopus

EXPORT DATE:20 February 2024

Hanna, R., Miron, I.C., Benedicenti, S.
57192870834;58848210000;23092962600;

Feasibility and Safety of Adopting a New Approach in Delivering a 450 nm Blue Laser with a Flat-top Beam Profile in Vital Tooth Whitening. A Clinical Case Series with an 8-Month Follow-Up

(2024) Journal of Clinical Medicine, 13 (2), art. no. 491, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183412644&doi=10.3390%2fjcm13020491&partnerID=40&md5=68e0e24ac56726bae06253e88254beaa>

DOI: 10.3390/jcm13020491

PUBLISHER: Multidisciplinary Digital Publishing Institute (MDPI)

Afrasiabi, S., Benedicenti, S., Signore, A., Arshad, M., Chiniforush, N.
57210110994;23092962600;24823383300;22978648700;55175544800;
Simultaneous Dual-Wavelength Laser Irradiation against Implant-Adherent Biofilms of Staphylococcus aureus, Escherichia coli, and Candida albicans for Improved Antimicrobial Photodynamic Therapy
(2024) Bioengineering, 11 (1), art. no. 48, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183185452&doi=10.3390%2fbioengineering11010048&partnerID=40&md5=8a181757aee08c643b6a92767946641b>

DOI: 10.3390/bioengineering11010048

PUBLISHER: Multidisciplinary Digital Publishing Institute (MDPI)

Hanna, R., Benedicenti, S.
57192870834;23092962600;
10,600 nm High Level-Laser Therapy Dosimetry in Management of Unresponsive Persistent Peripheral Giant Cell Granuloma to Standard Surgical Approach: A Case Report with 6-Month Follow-Up
(2024) Journal of Personalized Medicine, 14 (1), art. no. 26, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183166416&doi=10.3390%2fjpm14010026&partnerID=40&md5=2ffd0e44c4bd3ef470313aad04f7ac75>

DOI: 10.3390/jpm14010026

PUBLISHER: Multidisciplinary Digital Publishing Institute (MDPI)

Levrini, L., Rossini, M., Truppello, E., Sevi, S., Fiorini, E., Benedicenti, S., Pasquale, C., Farronato, D.
6506657251;54585929400;58817075900;58817557400;58817677900;23092962600;56800510000;22034456100;
Evaluation of Sterify Gel as an Adjunctive Treatment to Scaling and Root Planing in Promoting Healing of Periodontal Pockets: A Split-Mouth Randomized Controlled Trial
(2024) International Journal of Dentistry, 2024, art. no. 3113479, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182578380&doi=10.1155%2f2024%2f3113479&partnerID=40&md5=9e341412703b0efad41cfc3105147a66>

DOI: 10.1155/2024/3113479

PUBLISHER: Hindawi Limited

Shahi Ardakani, A., Afrasiabi, S., Sarraf, P., Benedicenti, S., Solimei, L., Chiniforush, N.
58736332300;57210110994;57190217790;23092962600;57223001568;55175544800;
In Vitro Assessment of SWEEPS and Antimicrobial Photodynamic Therapy Alone or in Combination for Eradicating Enterococcus faecalis Biofilm in Root Canals
(2023) Pharmaceutics, 15 (11), art. no. 2628, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178356642&doi=10.3390%2fpharmaceutics15112628&partnerID=40&md5=898b437166842dcc8320cefd3fc0f92>

DOI: 10.3390/pharmaceutics15112628

PUBLISHER: Multidisciplinary Digital Publishing Institute (MDPI)

Pasquale, C., De Angelis, N., Barberis, F., Lagazzo, A., Dellacasa, E., Biggio, D., Schiaffino, M., Raiteri, R., Ceseracciu, L., Benedicenti, S., Amaroli, A.
56800510000;18233623100;8690378800;35194414000;55922991800;58554696900;57219892574;
7005989160;8545961300;23092962600;6507689224;
Safety and Effectiveness of Conventional Commercial Products for Professional Tooth Bleaching: Comparative Ex Vivo Study Using AFM Microscopy and Nanoindentation
(2023) *Applied Sciences (Switzerland)*, 13 (16), art. no. 9371, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169103910&doi=10.3390%2fapp13169371&partnerID=40&md5=56f4518c352f27a4b0f76421512a054c>

DOI: 10.3390/app13169371

PUBLISHER: Multidisciplinary Digital Publishing Institute (MDPI)

Pordel, E., Ghasemi, T., Afrasiabi, S., Benedicenti, S., Signore, A., Chiniforush, N.
56556846200;58551822900;57210110994;23092962600;24823383300;55175544800;
The Effect of Different Output Powers of Blue Diode Laser along with Curcumin and Riboflavin against *Streptococcus mutans* around Orthodontic Brackets: An In Vitro Study
(2023) *Biomedicines*, 11 (8), art. no. 2248, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168900971&doi=10.3390%2fbiomedicines11082248&partnerID=40&md5=dea9b965d7683cf79c28d3c435396f8a>

DOI: 10.3390/biomedicines11082248

PUBLISHER: Multidisciplinary Digital Publishing Institute (MDPI)

Eggenhöffner, R., Ghisellini, P., Rando, C., Pechkova, E., Terencio, T., Mazzolai, B., Giacomelli, L., Barbaro, K., Benedicenti, S.
6603901939;6603078437;6506675307;6602561407;55224930900;6507602081;14022671600;57190875343;23092962600;
Innovative Nanostructured Fillers for Dental Resins: Nanoporous Alumina and Titania Nanotubes
(2023) *Biomedicines*, 11 (7), art. no. 1926, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175101330&doi=10.3390%2fbiomedicines11071926&partnerID=40&md5=75b221c8194f2cee0f1ac8c233ccb57d>

DOI: 10.3390/biomedicines11071926

PUBLISHER: Multidisciplinary Digital Publishing Institute (MDPI)

Rostami, G., Afrasiabi, S., Benedicenti, S., Signore, A., Chiniforush, N.
54793325500;57210110994;23092962600;24823383300;55175544800;
The Evaluation of SWEEPS Plus Antimicrobial Photodynamic Therapy with Indocyanine Green in Eliminating *Enterococcus faecalis* Biofilm from Infected Root Canals: An In Vitro Study
(2023) *Biomedicines*, 11 (7), art. no. 1850, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168872259&doi=10.3390%2fbiomedicines11071850&partnerID=40&md5=9d989ec9df3e0bc3d9933d050a43fb19>

DOI: 10.3390/biomedicines11071850

PUBLISHER: Multidisciplinary Digital Publishing Institute (MDPI)

El Khoury, M., Akl, R., El Feghali, R., Ghoubril, S., Ghoubril, J., Khoury, E., Migliorati, M., Benedicenti, S.
58512932400;57201472556;57213116631;58513426400;55637342400;49661684000;54879290000;
;23092962600;

Can Photobiomodulation Therapy Using an 810-nm Diode Laser Increase the Secondary Stability of Orthodontic Mini-Screws? A Split-Mouth Double-Blind Randomized Clinical Trial

(2023) *Applied Sciences (Switzerland)*, 13 (14), art. no. 8167, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166247561&doi=10.3390%2fapp13148167&partnerID=40&md5=8a329e5a1ad5bd81b65df783aa469071>

DOI: 10.3390/app13148167

PUBLISHER: Multidisciplinary Digital Publishing Institute (MDPI)

Cervetto, C., Amaroli, A., Amato, S., Gatta, E., Diaspro, A., Maura, G., Signore, A., Benedicenti, S., Marcoli, M.

6505938609;6507689224;57227172200;23468996300;7004555976;7004513464;24823383300;23092962600;6603870944;

Photons Induce Vesicular Exocytotic Release of Glutamate in a Power-Dependent Way (2023) *International Journal of Molecular Sciences*, 24 (13), art. no. 10977, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164943196&doi=10.3390%2fijms241310977&partnerID=40&md5=1aa16e983fb62d712f1e6ad737b45d6b>

DOI: 10.3390/ijms241310977

PUBLISHER: Multidisciplinary Digital Publishing Institute (MDPI)

Materni, A., Pasquale, C., Signore, A., Benedicenti, S., Amaroli, A.

Comparison between the Flapless Surgical Approach and a Novel Single Incision Access in Terms of Recovery Time and Comfort after Extraction of Impacted Inferior Third Molars: A Randomised, Blinded, Split-Mouth Controlled Clinical Trial

(2023) *Journal of Clinical Medicine*, 12 (5), art. no. 1995, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149948332&doi=10.3390%2fjcm12051995&partnerID=40&md5=6d0c5a761b809594905945c902fd39fe>

DOCUMENT TYPE: Article

SOURCE: Scopus

Pasquale, C., De Angelis, N., Dellacasa, E., Raiteri, R., Barberis, F., Lagazzo, A., Benedicenti, S., Amaroli, A.

A Comparative Study on the Effect of Peri-Implant Infection Management Lasers (1064-nm Q-Switch Nd:YAG, 1064-nm Nd:YAG and 980-nm Diode) on Titanium Grade 4 Surface

(2023) *Applied Sciences (Switzerland)*, 13 (1), art. no. 125, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145708660&doi=10.3390%2fapp13010125&partnerID=40&md5=427bcc7b8f8d67c8845cbc8771d4a175>

DOCUMENT TYPE: Article

SOURCE: Scopus

Halim, F.C., Pesce, P., De Angelis, N., Benedicenti, S., Menini, M.

Comparison of the Clinical Outcomes of Titanium and Zirconia Implant Abutments: A Systematic Review of Systematic Reviews

(2022) *Journal of Clinical Medicine*, 11 (17), art. no. 5052, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137843812&doi=10.3390%2fjcm11175052&partnerID=40&md5=f41ee1cf83ee1f9d62e6038f9e2142a2>

DOCUMENT TYPE: Review

SOURCE: Scopus

El Feghali, R., Tatarian, K., Zogheib, C., Benedicenti, S., Pasquale, C., Amaroli, A.

The 1064-nm Nd:YAG Photobiomodulation vs. 20% Benzocaine Topical Gel in Inducing Mucosal Anesthetic Effect: A Double-Blind Randomized Clinical Trial

(2022) Photonics, 9 (8), art. no. 519, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137979198&doi=10.3390%2fphotonics9080519&partnerID=40&md5=91dd57de0050377742bb3a234206008c>

DOCUMENT TYPE: Article

SOURCE: Scopus

Angelis, N.D., Benedicenti, S., Zekiy, A., Amaroli, A.

Current Trends in Bone Augmentation Techniques and Dental Implantology: An Editorial Overview

(2022) Journal of Clinical Medicine, 11 (15), art. no. 4348, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136518742&doi=10.3390%2fjcm11154348&partnerID=40&md5=67ea8702f214146f02e1399e0d386ce7>

DOCUMENT TYPE: Editorial

SOURCE: Scopus

Maiti, N., Benedicenti, S., Henna, Ambesh, S., Gudapati, S., Mustafa, M., Agarwal, K.

Assessment of efficiency of diode laser in root canal disinfection: An original research

(2022) Journal of Pharmacy and Bioallied Sciences, 14 (5), pp. S248-S250.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135123919&doi=10.4103%2fjpbs.jpbs-710-21&partnerID=40&md5=38da889c87fc92fb68519e8ec3ef2dd4>

DOCUMENT TYPE: Article

SOURCE: Scopus

Alsarhan, J., El Feghali, R., Alkhudari, T., Benedicenti, S., Pasquale, C.

Can Photobiomodulation Support the Management of Temporomandibular Joint Pain? Molecular Mechanisms and a Systematic Review of Human Clinical Trials

(2022) Photonics, 9 (6), art. no. 420, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132722622&doi=10.3390%2fphotonics9060420&partnerID=40&md5=66ae1bc67dfb117b53ba4113afb73c7a>

DOCUMENT TYPE: Review

SOURCE: Scopus

Dalvi, S., Lingala, S., Khetal, N., Benedicenti, S., Hanna, R.

Utilisation of an 810 nm diode laser for surgical management of oral soft tissues related to orthodontic treatment: A case series

(2022) Journal of Orthodontics, 49 (2), pp. 221-227.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114455541&doi=10.1177%2f14653125211039231&partnerID=40&md5=3ab43588e1e98966d6834fd6fa4b36c4>

DOCUMENT TYPE: Article

SOURCE: Scopus

Hanna, R., Pawelczyk-Madalińska, M., Sălăgean, T., Nap, M.E., Bordea, I.R., Benedicenti, S.

A Novel Concept of Combined High-Level-Laser Treatment and Transcutaneous Photobiomodulation Therapy Utilisation in Orthodontic Periodontal Interface Management

(2022) Sensors, 22 (6), art. no. 2263, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126321658&doi=10.3390%2fs22062263&partnerID=40&md5=6745242f6cdf62b54b3f6c9e8441e066>

DOCUMENT TYPE: Article

SOURCE: Scopus

Hanna, R., Bensadoun, R.J., Beken, S.V., Burton, P., Carroll, J., Benedicenti, S. Outpatient Oral Neuropathic Pain Management with Photobiomodulation Therapy: A Prospective Analgesic Pharmacotherapy-Paralleled Feasibility Trial (2022) *Antioxidants*, 11 (3), art. no. 533, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126061130&doi=10.3390%2fantiox11030533&partnerID=40&md5=431f6c94e228e1e360b918dd2fb83f70>

DOCUMENT TYPE: Article

SOURCE: Scopus

Bellal, S., Feghali, R.E., Mehta, A., Namachivayam, A., Benedicenti, S. Efficacy of near infrared dental lasers on dentinal hypersensitivity: a meta-analysis of randomized controlled clinical trials (2022) *Lasers in Medical Science*, 37 (2), pp. 733-744.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111892633&doi=10.1007%2fs10103-021-03391-1&partnerID=40&md5=62990ff4ed5b34f253c4a20dc3f729fb>

DOCUMENT TYPE: Review

SOURCE: Scopus

Amaroli, A., Ravera, S., Zekiy, A., Benedicenti, S., Pasquale, C. A Narrative Review on Oral and Periodontal Bacteria Microbiota Photobiomodulation, through Visible and Near-Infrared Light: From the Origins to Modern Therapies (2022) *International Journal of Molecular Sciences*, 23 (3), art. no. 1372, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123350957&doi=10.3390%2fijms23031372&partnerID=40&md5=347e349d2cd444b598df1936caa4c989>

DOCUMENT TYPE: Review

SOURCE: Scopus

Amaroli, A., Pasquale, C., Zekiy, A., Benedicenti, S., Marchegiani, A., Sabbieti, M.G., Agas, D. Steering the multipotent mesenchymal cells towards an anti-inflammatory and osteogenic bias via photobiomodulation therapy: How to kill two birds with one stone (2022) *Journal of Tissue Engineering*, 13, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133613451&doi=10.1177%2f20417314221110192&partnerID=40&md5=dc68782e1ddb0913f1c1b83075de73fd>

DOCUMENT TYPE: Review

SOURCE: Scopus

Pontoriero, D.I.K., Madaro, G., Vanagolli, V., Benedicenti, S., Verniani, G., Ferrari Cagidiaco, E., Grandini, S., Ferrari, M. Sealing ability of a bioceramic sealer used in combination with cold and warm obturation techniques (2021) *Journal of Osseointegration*, 13 (4), pp. 248-255.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121138134&doi=10.23805%2fJO.2021.13.04.11&partnerID=40&md5=a1e16a13ba5a2fdbd36c8482b7f2a7e4>

DOCUMENT TYPE: Article

SOURCE: Scopus

Ravera, S., Bertola, N., Pasquale, C., Bruno, S., Benedicenti, S., Ferrando, S., Zekiy, A., Arany, P., Amaroli, A.

808-nm photobiomodulation affects the viability of a head and neck squamous carcinoma cellular model, acting on energy metabolism and oxidative stress production

(2021) *Biomedicines*, 9 (11), art. no. 1717, .

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119607323&doi=10.3390%2fbiomedicines9111717&partnerID=40&md5=b24c44a85ea97b0dc784a102fa43a6a5)

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DOCUMENT TYPE: Article

SOURCE: Scopus

Hanna, R., Dalvi, S., Bensadoun, R.J., Raber-Durlacher, J.E., Benedicenti, S. Role of photobiomodulation therapy in neurological primary burning mouth syndrome. A systematic review and meta-analysis of human randomised controlled clinical trials

(2021) *Pharmaceutics*, 13 (11), art. no. 1838, .

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118692092&doi=10.3390%2fpharmaceutics13111838&partnerID=40&md5=2bd8766191bf63fa6ff0d006d25579ed)

[85118692092&doi=10.3390%2fpharmaceutics13111838&partnerID=40&md5=2bd8766191bf63fa6ff0d006d25579ed](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118692092&doi=10.3390%2fpharmaceutics13111838&partnerID=40&md5=2bd8766191bf63fa6ff0d006d25579ed)

DOCUMENT TYPE: Review

SOURCE: Scopus

Amaroli, A., Arany, P., Pasquale, C., Benedicenti, S., Bosco, A., Ravera, S. Improving consistency of photobiomodulation therapy: A novel flat-top beam hand-piece versus standard gaussian probes on mitochondrial activity

(2021) *International Journal of Molecular Sciences*, 22 (15), art. no. 7788, .

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110667766&doi=10.3390%2fijms22157788&partnerID=40&md5=409b255a141913af65be4b0a7ab b996d)

[85110667766&doi=10.3390%2fijms22157788&partnerID=40&md5=409b255a141913af65be4b0a7ab b996d](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110667766&doi=10.3390%2fijms22157788&partnerID=40&md5=409b255a141913af65be4b0a7ab b996d)

DOCUMENT TYPE: Article

SOURCE: Scopus

Agas, D., Hanna, R., Benedicenti, S., De Angelis, N., Sabbieti, M.G., Amaroli, A. Photobiomodulation by near-infrared 980-nm wavelengths regulates pre-osteoblast proliferation and viability through the pi3k/akt/bcl-2 pathway

(2021) *International Journal of Molecular Sciences*, 22 (14), art. no. 7586, .

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110526631&doi=10.3390%2fijms22147586&partnerID=40&md5=2e3c179b5b2686989c370684d527ad76)

[85110526631&doi=10.3390%2fijms22147586&partnerID=40&md5=2e3c179b5b2686989c370684d527ad76](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110526631&doi=10.3390%2fijms22147586&partnerID=40&md5=2e3c179b5b2686989c370684d527ad76)

DOCUMENT TYPE: Article

SOURCE: Scopus

Hanna, R., Dalvi, S., Bensadoun, R.J., Benedicenti, S.

Role of photobiomodulation therapy in modulating oxidative stress in temporomandibular disorders. A systematic review and meta-analysis of human randomised controlled trials

(2021) *Antioxidants*, 10 (7), art. no. 1028, .

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108539680&doi=10.3390%2fantiox10071028&partnerID=40&md5=e2bf74e036da9cb0c04813e4a b7448c0)

[85108539680&doi=10.3390%2fantiox10071028&partnerID=40&md5=e2bf74e036da9cb0c04813e4a b7448c0](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108539680&doi=10.3390%2fantiox10071028&partnerID=40&md5=e2bf74e036da9cb0c04813e4a b7448c0)

DOCUMENT TYPE: Review

SOURCE: Scopus

Amaroli, A., Benedicenti, S., Bianco, B., Bosco, A., Clemente Vargas, M.R., Hanna, R., Kalarickel Ramakrishnan, P., Raffetto, M., Ravera, S.

Electromagnetic Dosimetry for Isolated Mitochondria Exposed to Near-Infrared Continuous-Wave Illumination in Photobiomodulation Experiments

(2021) *Bioelectromagnetics*, 42 (5), pp. 384-397.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105917208&doi=10.1002%2fbem.22342&partnerID=40&md5=f21c884ad5d50380256a14f3dfb2560c>

DOCUMENT TYPE: Article

SOURCE: Scopus

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Is antimicrobial photodynamic therapy an effective treatment modality for aggressive periodontitis? A systematic review of in vivo human randomized controlled clinical trials

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Oral presentations in congresses and symposiums, Invited Talks

President and Organizer of 20 national and international Conferences
National and International speaker with more than 1000 oral presentations on new technologies in dentistry

Memberships

Committee member of the College of Physicians, Surgeons and Dentists in Genoa
Committee member of ANDI (National Italian Dental Association)
Member of the Academy of Restorative Dentistry
Member of SIE (Italia Association of Endodontics)
Founding Member of IAHT (International Academy of High Tech)
Was a Member of the Board of Directors of AIOLA (Italian Academy of Lasers)
Was a Member of the Scientific Committee of the international scientific magazine TeamWork
Was a Member of the Spanish Academy of Laser Dentistry

Teaching

President of the International Master's Program (second level) in Laser Dentistry, Faculty of Medicine and Surgery, Università degli Studi di Genova 2010 – present

Professor of “Endodontics”, School of Dentistry and Prosthodontics (Undergraduate and Graduate), Faculty of Medicine and Surgery, Università degli Studi di Genova (levels I and II) 2010 – present

Professor of “Restorative Dentistry”, School of Dentistry and Prosthodontics (Undergraduate and Graduate), Faculty of Medicine and Surgery, Università degli Studi di Genova (levels I, II, III and IV) 2009 - present

Professor of “Restorative Dentistry”, School of Dental Hygiene, Faculty of Medicine and Surgery,, Università degli Studi di Genova 2009 - present

Dean of “Restorative Dentistry and Laser Therapy Department Center” at the Università degli Studi di Genova 2009 – present

Visiting Professor at the New York University teaching courses in Aesthetic Dentistry 2006

Visiting Professor at the University of Buffalo, Department of Periodontics and Endodontics with Prof. Ciancio 2003

Short CV

Professor Stefano Benedicenti awarded his degree cum laude in Dentistry and Prosthodontics in 1994 and immediately began his practice.

He has been a professor at the University of Genoa since 2009.

Professor Benedicenti has written 98 peer reviewed international articles with h index 20, 60 articles in national journals and three books on laser dentistry.

He is President of the Academic Master degree in laser Dentistry organized by the University of Genova from 2009.

He is Dean of the laser department center of the University of Genova.

He is Dean of the Oral Hygiene School of the University of Genova.

Professor Benedicenti organizes national and International conferences on new ground-breaking technologies in Dentistry.

National and international speaker, his field of interest is related to biomodulation in dentistry

Clinical Skills

Restorative Dentistry

Endodontics

Biomodulation in Medicine and Dentistry

Languages with professional proficiencies: Italian, English and French