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Personal Statement

Dr Edrada-Ebel currently heads the Natural Products Metabolomics Group (NPMG) and is currently author of more than 100 publications and two patents on the topic marine natural products. She referees articles on marine natural products on more than 10 peer-reviewed journals and is a member of the editorial board for Marine Drugs. Her expertise comprises both natural products isolation and structure elucidation with modern spectroscopic techniques. At present, she has a series of on-going projects on the application of metabolomics to identify and biotechnologically optimize the production of bioactive secondary metabolites in marine-derived microorganisms.

Qualifications

Doctor rerum naturalium, Julius- Maximilians-Universität
Award Date: 1 Jan 1998

Master of Pharmacy, University of the Philippines
Award Date: 1 Jan 1992

Research output

Biodiscovery of potential antibacterial diagnostic metabolites from the endolichenic fungus *Xylaria venustula* using LC–MS-based metabolomics

Santiago, K. A. A., Edrada-Ebel, R., dela Cruz, T. E. E., Cheow, Y. L. & Ting, A. S. Y., 4 Mar 2021, In: *Biology*. 10, 3, 18 p., 191.

Exploring the chemical space of macro- and micro-algae using comparative metabolomics

Hughes, A. H., Magot, F., Tawfike, A. F., Rad-Menéndez, C., Thomas, N., Young, L. C., Stucchi, L., Caretoni, D., Stanley, M. S., Edrada-Ebel, R. & Duncan, K. R., 3 Feb 2021, In: *Microorganisms*. 9, 2, 16 p., 311.

Targeted isolation of anti-trypanosomal naphthofuran-quinone compounds from the mangrove plant *Avicennia lanata*

Mazlan, N. W., Clements, C. & Edrada-Ebel, R., 21 Dec 2020, In: *Marine Drugs*. 18, 12, 21 p., 661.

Morphological, genotypic and metabolomic signatures confirm interfamilial hybridization between the ubiquitous kelps *Macrocystis* (Arthrothamnaceae) and *Lessonia* (Lessoniaceae)

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Metabolomic tools used in marine natural product drug discovery

Stuart, K. A., Welsh, K., Walker, M. C. & Edrada-Ebel, R., 2 Apr 2020, In: *Expert Opinion on Drug Discovery*. 15, 4, p. 499-522 24 p.

Microbiome-derived carnitine mimics as previously unknown mediators of gut-brain axis communication

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Metabolomics-guided isolation of anti-trypanosomal compounds from endophytic fungi of the mangrove plant *Avicennia lanata*

Mazlan, N. W., Tate, R., Yusoff, Y. M., Clements, C. & Edrada-Ebel, R., 1 Jan 2020, In: *Current Medicinal Chemistry*. 27, 11, p. 1815-1835 21 p.

Bioassay- and metabolomics-guided screening of bioactive soil actinomycetes from the ancient city of Ichnasia, Egypt
Sebak, M., Saafan, A. E., AbdelGhani, S., Bakeer, W., El-Gendy, A. O., Castaño Espriu, L., Duncan, K. & Edrada-Ebel, R., 30 Dec 2019, In: PLOS One. 14, 12, 29 p., e0226959.

Comprehensive multivariate correlations between climatic effect, metabolite-profile, antioxidant capacity and antibacterial activity of Brazilian red propolis metabolites during seasonal study

do Nascimento, T. G., dos Santos Arruda, R. E., da Cruz Almeida, E. T., dos Santos Oliveira, J. M., Basílio-Júnior, I. D., Celerino de Moraes Porto, I. C., Rodrigues Sabino, A., Tonholo, J., Gray, A., Edrada Ebel, R., Clements, C., Zhang, T. & Watson, D. G., 4 Dec 2019, In: Scientific Reports. 9, p. 1-16 16 p., 18293.

Use of multivariable data analysis in unravelling the metabolic differences between two varieties of Chamomile (*Matricaria chamomilla*)

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Tocolytic activity assessment of the methanol leaf extract of *Justicia flava* Vahl (Acanthaceae) on mouse myometrial contractility and preliminary mass spectrometric determination of secondary metabolites

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Identification of GSK-3 as a potential therapeutic entry point for epilepsy

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Isolation of a novel flavanonol and an alkylresorcinol with highly potent anti-trypanosomal activity from Libyan propolis

Sihri, W., Ebiloma, G. U., Igoli, J. O., Gray, A. I., Biddau, M., Akrahalanont, P., Samya Sh M D Alenezi, S., Alwashih, M. A., Edrada Ebel, R., Müller, S., Lawrence, C. E., Fearnley, J., Watson, D. G. & De Koning, H. P., 15 Mar 2019, In: Molecules. 24, 6, 12 p., 1041.

Application of metabolomics and molecular networking in investigating the chemical profile and antitrypanosomal activity of British bluebells (*Hyacinthoides non-scripta*)

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Isolation of anticancer and anti-trypanosome secondary metabolites from the endophytic fungus *Aspergillus flocculus* via bioactivity guided isolation and MS based metabolomics

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New bioactive metabolites from the elicited marine sponge-derived bacterium *Actinokineospora spheciospongiae* sp. nov.

Tawfike, A., Attia, E. Z., Desoukey, S. Y., Hajjar, D., Makki, A. A., Schupp, P. J., Edrada-Ebel, R. & Abdelmohsen, U. R., 24 Jan 2019, In: AMB Express. 9, 1, 9 p.

A metabolomics approach to optimization of bioactive peptide production in marine bacterial co-cultures

Michelin, B. & Edrada-Ebel, R., 14 Nov 2018.

Green tea inhibits uterine contractility in ex vivo (non-pregnant) mice models

Bafor, E. E., Eze, C., Omoruyi, O., Elvis-Offiah, B. U., Viegelmann, C. & Edrada-Ebel, R., 7 Jun 2018, In: Tropical Journal of Natural Product Research. 2, 6, p. 254-261 8 p.

Modulation of ex-vivo uterine contraction by the methanol leaf extract of *Alchornea laxiflora* Benth. (Euphorbiaceae) and preliminary spectrometric identification of associated secondary metabolites

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Metabolomics-coupled functional pharmacology of chlorophyll compounds isolated from the leaves of *Ficus Exasperata* Vahl (Moraceae) provides novel pathways on myometrial activity

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Metabolomic-guided isolation of bioactive natural products from *Curvularia* sp., an endophytic fungus of *Terminalia laxiflora*

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P43 The isolation and purification of bioactive metabolites from *Ficus carica* and their neuroprotective effects in Alzheimer's disease

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Characterisation of sterol biosynthesis and validation of 14 α -demethylase as a drug target in *Acanthamoeba*

Thomson, S., Rice, C. A., Zhang, T., Edrada-Ebel, R., Henriquez, F. L. & Roberts, C. W., 15 Aug 2017, In: Scientific Reports. 7, 1, 9 p., 8247.

Isolation, purification, and characterization of five active diketopiperazine derivatives from endophytic streptomyces SUK 25 with antimicrobial and cytotoxic activities

Alshaibani, M. M., Zin, N., Jalil, J., Sidik, N. M., Ahmad, S. J., Kamal, N. & Edrada-Ebel, R., 28 Jul 2017, In: Journal of Microbiology and Biotechnology. 27, 7, p. 1249-1256 8 p.

Metabolomic tools to assess the chemistry and bioactivity of endophytic aspergillus strain

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The chemical characterization of Nigerian propolis samples and their activity against *Trypanosoma brucei*

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Proksch, P., Ebel, R., Edrada, R. A., Wray, V., Steube, K. & Edrada-Ebel, R., 2003, In: Progress in Molecular and Subcellular Biology. 37, p. 117-142 26 p.

Online analysis of xestodecalactones A-C, novel bioactive metabolites from the fungus *Penicillium cf. montanense* and their subsequent isolation from the sponge *Xestospongia exigua*

Edrada-Ebel, R., Heubes, M., Brauers, G., Wray, V., Berg, A., Grafe, U., Wohlfarth, M., Muhlbacher, J., Schaumann, K., Sudarsono, S., Bringmann, G. & Proksch, P., Nov 2002, In: Journal of Natural Products. 65, 11, p. 1598-1604 7 p.

Swinhoeiamide A, a new highly active calyculin derivative from the marine sponge *Theonella swinhoei*

Edrada-Ebel, R., Ebel, R., Supriyono, A., Wray, V., Schupp, P., Steube, K., van Soest, R. & Proksch, P., Aug 2002, In: Journal of Natural Products. 65, 8, p. 1168-1172 5 p.

Drugs from the seas - current status and microbiological implications

Proksch, P., Edrada-Ebel, R. & Ebel, R., Jul 2002, In: Applied Microbiology and Biotechnology. 59, 2-3, p. 125-134 10 p.

New metabolites from sponge-derived fungi *Curvularia lunata* and *Cladosporium herbarum*

Jadulco, R., Brauers, G., Edrada-Ebel, R., Ebel, R., Wray, V. & Proksch, P., May 2002, In: Journal of Natural Products. 65, 5, p. 730-733 4 p.

Rocaglamides, glycosides, and putrescine bisamides from *Aglaia dasyclada*

Lin, W. H., Ebel, R., Edrada-Ebel, R., Wray, V., Nimtz, M., Sumaryono, W. & Proksch, P., Sep 2001, In: Journal of Natural Products. 64, 9, p. 1216-1220 5 p.

Hortein, a new natural product from the fungus *Hortaea werneckii* associated with the sponge *Aplysina aerophoba*

Brauers, G., Ebel, R., Edrada-Ebel, R., Wray, V., Berg, A., Gräfe, U. & Proksch, P., May 2001, In: Journal of Natural Products. 64, 5, p. 651-652 2 p.

Biological screening of rain forest plot trees from Palawan Island (Philippines)

Horgen, F. D., Edrada-Ebel, R., de los Reyes, G., Agcaoili, F., Madulid, D. A., Wongpanich, V., Angerhofer, C. K., Pezzuto, J. M., Soejarto, D. D. & Farnsworth, N. R., Jan 2001, In: Phytomedicine. 8, 1, p. 71-81 11 p.

Structure-activity relationships of bioactive metabolites from some Indo-Pacific marine invertebrates

Edrada, R. A., Wray, V., Handayani, D., Schupp, P., Balbin-Oliveros, M. & Proksch, P., 1 Dec 2000, In: Studies in Natural Products Chemistry. 21, B, p. 251-292 42 p.

Anthraquinones and betaenone derivatives from the sponge-associated fungus *Microsphaeropsis* species: novel inhibitors of protein kinases

Brauers, G., Edrada-Ebel, R., Ebel, R., Proksch, P., Wray, V., Berg, A., Gräfe, U., Schächtele, C., Totzke, F., Finkenzeller, G., Marme, D., Kraus, J., Münchbach, M., Michel, M., Bringmann, G. & Schaumann, K., Jun 2000, In: Journal of Natural Products. 63, 6, p. 739-745 7 p.

Novel spiciferone derivatives from the fungus *Drechslera hawaiiensis* isolated from the marine sponge *Callyspongia aerizusa*

Edrada-Ebel, R., Wray, V., Berg, A., Gräfe, U., Sudarsono, S., Brauers, G. & Proksch, P., 19 May 2000, In: Zeitschrift für Naturforschung C. 55, 3-4, p. 218-221 4 p.

Bioactive terpenes from the soft coral *Heteroxenia* sp. from Mindoro, Philippines

Edrada-Ebel, R., Wray, V., Witte, L., van Ofwegen, L. & Proksch, P., 30 Mar 2000, In: Zeitschrift für Naturforschung C. 55, 1-2, p. 82-86 5 p.

An insecticidal rocaglamide derivatives and related compounds from *Aglaia odorata* (Meliaceae)

Nugroho, B. W., Edrada, R. A., Wray, V., Witte, L., Bringmann, G., Gehling, M. & Proksch, P., 1 Jun 1999, In: Phytochemistry. 51, 3, p. 367-376 10 p.

New pathway to polyketides in plants

Eckermann, S., Schröder, G., Schmidt, J., Streck, D., Edrada, R. A., Helariutta, Y., Elomaa, P., Kotilainen, M., Kilpeläinen, I., Proksch, P., Teeri, T. H. & Schröder, J., 26 Nov 1998, In: Nature. 396, 6709, p. 387-390 4 p.

A new meroditerpenoid dimer from an undescribed Philippine marine sponge of the genus *strongylophora*

Balbin-Oliveros, M., Edrada-Ebel, R., Proksch, P., Wray, V., Witte, L. & Van Soest, R. W., Jul 1998, In: Journal of Natural Products. 61, 7, p. 948-952 5 p.

Four new bioactive lobane diterpenes of the soft coral *Lobophytum pauciflorum* from Mindoro, Philippines

Edrada-Ebel, R., Proksch, P., Wray, V., Witte, L. & van Ofwegen, L., Mar 1998, In: Journal of Natural Products. 61, 3, p. 358-361 4 p.

Four new bioactive polybrominated diphenyl ethers of the sponge *Dysidea herbacea* from West Sumatra, Indonesia

Handayani, D., Edrada-Ebel, R., Proksch, P., Wray, V., Witte, L., Van Soest, R. W., Kunzmann, A. & Soedarsono, N. V., Dec 1997, In: Journal of Natural Products. 60, 12, p. 1313-1316 4 p.

New oxygenated sesquiterpenes from the Indonesian soft coral *Nephthea chabrolii*

Handayani, D., Edrada, R. A., Proksch, P., Wray, V., Witte, L., Van Ofwegen, L. & Kunzmann, A., 22 Jul 1997, In: Journal of Natural Products. 60, 7, p. 716-718 3 p.

Isolation and structure elucidation of ardisenone: a new, cytotoxic alkenylphenol from *Ardisia iwahigensis*

Horgen, F. D., Guinaudeau, H., Pezzuto, J. M., Soejarto, D. D., Farnsworth, N. R., Agcaoili, F., de los Reyes, G., Edrada, R. A. & Edrada-Ebel, R., May 1997, In: Journal of Natural Products. 60, 5, p. 533-535 3 p.

Insecticidal rocaglamide derivatives from *Aglaia duppereana*

Nugroho, B. W., Edrada, R. A., Güssregen, B., Wray, V., Witte, L. & Proksch, P., 1 Apr 1997, In: Phytochemistry. 44, 8, p. 1455-1461 7 p.

Four new bioactive manzamine-type alkaloids from the Philippine marine sponge *Xestospongia ashmorica*

Edrada-Ebel, R., Proksch, P., Wray, V., Witte, L., Müller, W. E. & Van Soest, R. W., Nov 1996, In: Journal of Natural Products. 59, 11, p. 1056-1060 5 p.

Bioactive isoquinoline quinone from an undescribed Philippine marine sponge of the genus *Xestospongia*

Edrada, R. A., Proksch, P., Wray, V., Christ, R., Witte, L. & Van Soest, R. W. M., 1 Oct 1996, In: Journal of Natural Products. 59, 10, p. 973-976 4 p.

Projects

KE-Hub Bryoactives

Edrada-Ebel, R.
1/05/12 → 31/08/12

BBSRC RESEARCH EXPERIENCE PLACEMENTS 2010

Carter, K., Currie, S. & Edrada-Ebel, R.
BBSRC (Biotech & Biological Sciences Research Council)
1/07/10 → 31/08/10

Biotage Isolera PDA (Royal Society Seed Grant)

Edrada-Ebel, R.
1/04/12 → ...

Comparative transcriptomic and metabolomic analysis of engineered bacteria

Tucker, N. & Edrada-Ebel, R.

18/11/14 → 18/11/15

Development of high-value compounds from Bacillus licheniformis

Edrada-Ebel, R. & Young, L.

BBSRC (Biotech & Biological Sciences Research Council)

1/11/17 → 28/02/18

Doctoral Training Partnership (DTP 2016-2017 University of Strathclyde) | Hislop, Ewan

Edrada-Ebel, R., Graham, D., Faulds, K., Young, L. & Hislop, E.

EPSRC (Engineering and Physical Sciences Research Council)

1/10/18 → 1/07/22

Escaping Bio-Assay Guided Isolation: Nature's Tools for Chemical Biology

Edrada-Ebel, R.

Australian Research Council

1/09/15 → 31/08/18

Grace Reveleris Flash LSD

Edrada-Ebel, R., Clements, C. & Watson, D.

1/09/12 → ...

Identification of pathway specific anti-cancer compounds from Scottish Marine Microbes

Edrada-Ebel, R.

29/11/16 → 28/11/18

Investigating synergies between advanced bioprocess monitoring and production of valuable marine bioproducts

McNeil, B., Edrada-Ebel, R. & Harvey, L.

BBSRC (Biotech & Biological Sciences Research Council)

5/04/11 → 4/04/12

KE-Hub Marine Biopolymers

Edrada-Ebel, R.

1/01/12 → 31/08/13

Marine Symbionts and Terrestrial Endophytes for Industrial Biotechnology of Novel Antibiotics

Edrada-Ebel, R.

Royal Society

15/03/12 → 14/03/13

Potential novel antibiotics from microorganisms of under explored extreme marine habitats

Edrada-Ebel, R.

Medical Research Scotland

25/07/16 → 24/09/16

Real Time Metabolic Flux Modelling In Biopharmaceutical Bioprocessing

McNeil, B., Edrada-Ebel, R., Harvey, L., Littlejohn, D. & Nordon, A.

BBSRC (Biotech & Biological Sciences Research Council)

1/10/10 → 30/09/11

SBT: SeaBioTech

McNeil, B., Edrada-Ebel, R., Harvey, L. & Harvey, A.

European Commission - FP7 - Cooperation only

1/08/12 → 30/09/16

Sepacore Flash Chromatography System by Buchi

Edrada-Ebel, R., Watson, D. & Ferro, V.

1/06/11 → ...

Sepacore Flash Chromatography System by Buchi (starter grant)

Edrada-Ebel, R.

1/04/08 → ...

Universitas Gadjah Mada

Edrada-Ebel, R.

1/06/12 → 30/06/17

University of Sao Paulo

Edrada-Ebel, R.

1/09/14 → 30/09/18

Awards

BBSRC RESEARCH EXPERIENCE PLACEMENTS 2010

Carter, K., Currie, S. & Edrada-Ebel, R.

BBSRC (Biotech & Biological Sciences Research Council): £7,500.00

1/07/10 → 31/08/10

Activities

Krystle Angelique Santiago

Ruangelie Edrada-Ebel (Host)

15 Sep 2018 → 30 Oct 2018

Dr Asmaa BOUFRIDI

Ruangelie Edrada-Ebel (Host)

6 Jul 2018 → 20 Jul 2018

Jake Coyle

Ruangelie Edrada-Ebel (Host)

2 Jul 2018 → 30 Aug 2018

Accelerate Chemistry Challenge Programme for Secondary Schools in Scotland: S@S Accelerate 2018: Education Challenge

Ruangelie Edrada-Ebel (Invited speaker)

27 Jun 2018

AHMET SADIK GÜLGEÇ

Ruangelie Edrada-Ebel (Host)

15 Jun 2018 → 27 Aug 2018

Euroindoamerican Natural Products Meeting

Ruangelie Edrada-Ebel (Keynote/plenary speaker)

31 May 2018

A course on Searching Active compounds from Marine Organisms

Ruangelie Edrada-Ebel (Invited speaker)

24 May 2018

Production of monoclonal antibodies and antibody fragments; and to examine the process physiology of cell lines in production phase

Ruangelie Edrada-Ebel (Examiner)
16 May 2018

Application of Metabolomics Approach in Traditional Chinese Medicine
Ruangelie Edrada-Ebel (External Examiner)
9 May 2018

Benjamin Michelin
Ruangelie Edrada-Ebel (Host)
5 May 2018 → 15 Nov 2018

Quinn Research Group Seminar, Invited Lecture, Griffith Institute for Drug Discovery
Ruangelie Edrada-Ebel (Invited speaker)
23 Nov 2017

RMIT School of Science (Applied Chemistry & Environmental Science) Graduate Seminar
Ruangelie Edrada-Ebel (Invited speaker)
22 Nov 2017

AgriBioscience Research Group Seminar. La Trobe University
Ruangelie Edrada-Ebel (Invited speaker)
21 Nov 2017

Metabolomics Profiling for Natural Products Research
Ruangelie Edrada-Ebel (Invited speaker) & Daniel Dias (Organiser)
14 Nov 2017 → 20 Nov 2017

Dennis Jacob
Ruangelie Edrada-Ebel (Host)
2 Oct 2017 → 16 Feb 2018

SILAE, Sociedad Italo-Latin American Ethnomedicine
Ruangelie Edrada-Ebel (Keynote/plenary speaker)
27 Sep 2017

10th European Marine Natural Products Conference
Ruangelie Edrada-Ebel (Member of programme committee)
3 Sep 2017 → 7 Sep 2017

International Conference on Interdisciplinary of Natural Drugs
Ruangelie Edrada-Ebel (Keynote/plenary speaker)
29 Aug 2017

Chemical dereplication studies of endophytic terrestrial sources by using metabolomics as a tool in the search for new potential anticancer drugs
Ruangelie Edrada-Ebel (External Examiner)
4 May 2017

New approaches to real time monitoring and control of bio-manufacturing processes
Ruangelie Edrada-Ebel (Examiner)
1 Mar 2017

Anticancer Potential of Selected Algae of Gulf of Mannar [South-East Coast of Indis]
Ruangelie Edrada-Ebel (External Examiner)
15 Dec 2016

Metabolomics for Plant, Human, and Animal Health (2016)

Ruangelie Edrada-Ebel (Invited speaker)

17 Nov 2016

Structure elucidation and biological investigation of novel serrulatane diterpenes from a propolis type sourced from Kangaroo Island

Ruangelie Edrada-Ebel (External Examiner)

8 Nov 2016

International Conference on Herbal Medicine

Ruangelie Edrada-Ebel (Keynote/plenary speaker)

6 Oct 2016

Mohamed Sebak

Ruangelie Edrada-Ebel (Host)

1 Oct 2016 → 30 Oct 2018

Five-day course on Metabolomics to the graduate students of the Pharmaceutical Sciences Graduate Program

Ruangelie Edrada-Ebel (Invited speaker) & Fernando Da Costa (Organiser)

12 Sep 2016 → 16 Sep 2016

Postgraduate Workshop on Natural Products Metabolomics, Faculty Exchange programme

Ruangelie Edrada-Ebel (Invited speaker)

12 Sep 2016 → 16 Sep 2016

Accelerate Chemistry Challenge Programme for Secondary Schools in Scotland: S@S Accelerate 2016: Education Challenge

Ruangelie Edrada-Ebel (Invited speaker)

28 Jul 2016

Metabolomics and dereplication-based isolation of novel bioactive natural products from marine sponge-associated actinomycetes

Ruangelie Edrada-Ebel (External Examiner)

22 Jul 2016

Day of Science and Career Scotland

Ruangelie Edrada-Ebel (Organiser)

31 May 2016

Graduate Seminar Institute of Pharmaceutical Biology Heinrich-Heine Universitaet Duesseldorf

Ruangelie Edrada-Ebel (Invited speaker)

2 May 2016

Searching Active compound from Marine Organisms

Ruangelie Edrada-Ebel (Invited speaker)

20 Apr 2016

Molecules (Journal)

Ruangelie Edrada-Ebel (Editorial board member)

1 Apr 2016 → 30 Mar 2018

International Conference on Natural Products 2016

Ruangelie Edrada-Ebel (Keynote/plenary speaker)

16 Mar 2016

International Conference BioNat 2016

Ruangelie Edrada-Ebel (Keynote/plenary speaker)
10 Feb 2016

Professor Fernando Da Costa

Ruangelie Edrada-Ebel (Host)
8 Nov 2015 → 11 Nov 2015

Society of Chemical Industry (External organisation)

Ruangelie Edrada-Ebel (Member)
15 Sep 2015 → 14 Sep 2019

Professor Gabriele Koenig

Ruangelie Edrada-Ebel (Host)
31 Aug 2015 → 3 Sep 2015

9th European Conference on Marine Natural Products

Ruangelie Edrada-Ebel (Chair)
30 Aug 2015 → 3 Sep 2015

Accelerate Chemistry Challenge Programme for Secondary Schools in Scotland

Ruangelie Edrada-Ebel (Invited speaker)
29 Jul 2015

Metabolites (Journal)

Ruangelie Edrada-Ebel (Editorial board member)
1 Apr 2015 → 30 Mar 2018

Graduate Seminar Dept of Chemistry National University of Ireland Galway

Ruangelie Edrada-Ebel (Invited speaker)
17 Feb 2015

Silvio Uhlig

Ruangelie Edrada-Ebel (Host)
3 Jan 2015 → 18 Jan 2015

International Seminar of The Indonesian Society for Microbiology

Ruangelie Edrada-Ebel (Keynote/plenary speaker)
13 Oct 2014

Nashwa Tawfik

Ruangelie Edrada-Ebel (Host)
15 Jun 2014 → 15 Jun 2016

Bruno Leite Sampaio

Ruangelie Edrada-Ebel (Host)
Jun 2014 → Dec 2014

Seminar-Workshop on Determining Stereochemistry by NMR Spectroscopy

Ruangelie Edrada-Ebel (Invited speaker)
18 Mar 2014 → 1 Apr 2014

UK-India Seminar Lecture Series on Marine Natural Products

Ruangelie Edrada-Ebel (Invited speaker)

15 Jan 2014 → 16 Jan 2014

Scientific Reports (Journal)

Ruangelie Edrada-Ebel (Editorial board member)

1 Jan 2014 → 1 Jan 2019

Bela Maguie Sanches

Ruangelie Edrada-Ebel (Host)

Jan 2014 → Apr 2014

Judith Wiezoreck

Ruangelie Edrada-Ebel (Host)

1 Jun 2013 → 31 Aug 2013

Graduate Seminar Workshop Series: Universidade de São Paulo Faculdade de Ciências Farmacêuticas de Ribeirão Preto Laboratório de Farmacognosia

Ruangelie Edrada-Ebel (Invited speaker)

19 Apr 2013 → 23 Apr 2013

Haitham Hassanien

Ruangelie Edrada-Ebel (Host)

Mar 2013 → Feb 2016

Institute Seminar. Centre for Marine Biodiversity and Biotechnology. School of Life Sciences.

Ruangelie Edrada-Ebel (Invited speaker)

21 Nov 2012

Ignacio Juarez Martinez

Ruangelie Edrada-Ebel (Host)

Oct 2012 → Jun 2013

3rd Latin American School for NMR. Workshop/Seminar Theme: Metabonomics.

Ruangelie Edrada-Ebel (Invited speaker)

17 Sep 2012 → 20 Sep 2012

Phytochemical Society of Europe Congress on Bio- communication, Semiochemicals involving plants (Biocom12)

Ruangelie Edrada-Ebel (Participant)

10 Sep 2012

International Conference on Exploration of Biotechnology by Student Scholars and Researchers

Ruangelie Edrada-Ebel (Keynote/plenary speaker)

8 Jun 2012

Oloye Abimbola

Ruangelie Edrada-Ebel (Host)

Jun 2012 → Dec 2012

Daniela Chagas de Paula

Ruangelie Edrada-Ebel (Host)

Apr 2012 → Oct 2012

Phytochemistry of Scottish Seaweeds.

Ruangelie Edrada-Ebel (External Examiner)

2 Mar 2012

KOREAN PHARMACEUTICAL MANUFACTURERS ASSOCIATION Seminar

Ruangelie Edrada-Ebel (Invited speaker)

3 Feb 2012

61st International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research

Ruangelie Edrada-Ebel (Member of programme committee)

Jan 2012 → Aug 2013

Metabolomics 2013

Ruangelie Edrada-Ebel (Member of programme committee)

2012 → 2013

Burkhardt Flemer

Ruangelie Edrada-Ebel (Host)

1 Aug 2011 → 21 Aug 2011

BBSRC International Partnering Award, National Key Laboratory of Biochemical Engineering, Institute of Process Engineering, Chinese Academy of Sciences

Ruangelie Edrada-Ebel (Invited speaker)

30 May 2011

Deutsch-Brasilianischen Jahres der Wissenschaft, Technologie und Innovation (DBWTI)

Ruangelie Edrada-Ebel (Invited speaker)

27 Apr 2011

Application of MALDI Imaging Mass Spectrometry and High Resolution Fourier Transform Mass Spectrometry for Profiling Pharmaceuticals and Biomarkers in a Variety of Biological Samples

Ruangelie Edrada-Ebel (Examiner)

14 Mar 2011

Preparation and evaluation of tumour-targeted delivery systems for tocotrienol

Ruangelie Edrada-Ebel (Examiner)

13 Dec 2010

Analysis of Phytochemical composition and anti-inflammatory properties of Lovage

Ruangelie Edrada-Ebel (Examiner)

19 Nov 2010

4th Asian Link Meeting, Duesseldorf, Germany

Ruangelie Edrada-Ebel (Invited speaker)

20 Sep 2010

Anticancer Activity of Libyan Flora

Ruangelie Edrada-Ebel (Examiner)

14 Sep 2010

Toxicon (Journal)

Ruangelie Edrada-Ebel (Peer reviewer)

Jan 2010 → ...

Phytochemical Analysis (Journal)

Ruangelie Edrada-Ebel (Peer reviewer)

2010 → ...

Determining the Pharmaceutical Potential of Capsella bursapastoris

Ruangelie Edrada-Ebel (Examiner)

16 Nov 2009

6th European Conference on Marine Natural Products

Ruangelie Edrada-Ebel (Invited speaker)

Jul 2009

Phytochemical and bioactivity studies on some Pinaceae and Leguminosae species

Ruangelie Edrada-Ebel (Examiner)

5 May 2009

Applications of Chemometric and Mass Spectrometric Methods in the Study of Some Biological Systems

Ruangelie Edrada-Ebel (Examiner)

19 Jan 2009

Invited Lecture: The Application of NMR in the Pharmaceutical Sciences Faculty of Pharmacy, University of Jordan, 5th-11th July 2009

Ruangelie Edrada-Ebel (Invited speaker)

2009

Marine Drugs (Journal)

Ruangelie Edrada-Ebel (Editorial board member)

Jan 2008 → ...

Marine Drugs (Journal)

Ruangelie Edrada-Ebel (Editorial board member)

2008 → 2014

Journal of Natural Products (Journal)

Ruangelie Edrada-Ebel (Peer reviewer)

Jun 2007 → ...

Marine Drugs (Journal)

Ruangelie Edrada-Ebel (Editorial board member)

2007 → 2020

Natural Product Communications (Journal)

Ruangelie Edrada-Ebel (Peer reviewer)

2007 → ...

Impacts