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Faculty of Health Sciences & Medicine  
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## Qualifications

Surgery, PhD, Vrije Universiteit

## Employment

### Senior Research Fellow

Academic  
Faculty of Health Sciences & Medicine  
Australia  
26 Sep 2016 → 17 Jul 2020

### Bond University Nutrition and Dietetics Research Group

Faculty of Health Sciences & Medicine  
Robina, Australia  
26 Sep 2016 → 31 Dec 2020

### Amsterdam University of Applied Sciences

Netherlands

### Mater Health Services

Brisbane, QLD, Australia

### Texas A and M University

United States

### Vrije Universiteit

Amsterdam, Netherlands

## Research output

## Activities

### Hei Chun (Nicholas) Chan - Masters of Nutrition and Dietetic Practice research project

Hei Chun (Nicholas) Chan (Student ), Skye Marshall (Secondary Supervisor), Barbara Van der Meij (Supervisor)  
11 Jan 2020 → 30 Aug 2020

**Muscle wasting in advanced cancer: could nutrition intervention still be effective?**

Barbara Van der Meij (Speaker)  
28 Nov 2019 → 29 Nov 2019

**Jessica Parkinson - Masters of Nutrition and Dietetic Practice research project**

Jessica Parkinson (Student ), Keanne Langston (Supervisor), Skye Marshall (Secondary Supervisor), Barbara Van der Meij (Supervisor)  
25 Sep 2019 → 1 May 2020

**Joanna Wong, Cheng Ieng Ao and Shifra Varadkar - Masters of Nutrition and Dietetic Practice research project**

Barbara Van der Meij (Supervisor), Lynette de Groot (Secondary Supervisor), Elyssa Hughes (Secondary Supervisor), Chloe Jobber (Secondary Supervisor), Joanna Wong (Student ), Cheng Ieng Ao (Student ), Shifra Varadkar (Student )  
1 Sep 2019 → 30 Apr 2020

**41st ESPEN Congress on Clinical Nutrition and Metabolism**

Skye Marshall (Participant), Barbara Van der Meij (Participant)  
19 Aug 2019 → 3 Sep 2019

**Amino acid metabolism and protein anabolism in advanced cancer**

Barbara Van der Meij (Speaker)  
27 Jun 2019

**Gut function research in chemotherapy and SCT patients**

Barbara Van der Meij (Speaker)  
27 Jun 2019

**Tryptophan metabolism, depressed mood and cognitive functions in patients with cancer undergoing chemotherapy**

Barbara Van der Meij (Speaker)  
27 Jun 2019

**American Society for Parenteral and Enteral Nutrition (ASPEN) (External organisation)**

Barbara Van der Meij (Chair)  
21 May 2019

**Clinical Oncology Society of Australia (External organisation)**

Nicole Kiss (Chair), Elisabeth Isenring (Chair), Barbara Van der Meij (Member)  
1 Apr 2019 → 1 Aug 2019

**COSA implementation working group - Exercise in Cancer Care (External organisation)**

Barbara Van der Meij (Member)  
11 Dec 2018 → ...

**Chung Nga Lam - Masters of Nutrition and Dietetic Practice research project**

Chung Nga Lam (Student ), Amanda Watt (Supervisor), Elisabeth Isenring (Supervisor), Marian de van der Schueren (Researcher), Barbara Van der Meij (Supervisor)  
1 Sep 2018 → 30 Apr 2019

**Gahee Lee - Masters of Nutrition and Dietetic Practice research project**

Gahee Lee (Student ), Lynette de Groot (Supervisor), Antoinette Ackerie (Supervisor), Barbara Van der Meij (Supervisor)  
1 Sep 2018 → 30 Apr 2019

**Elsevier (Publisher)**

Barbara Van der Meij (Associate Editor)  
12 Feb 2018

**Gabrielle Beardwood - Masters of Nutrition and Dietetic Practice research project**

Gabrielle Beardwood (Student ), Clare Williams (Supervisor), Jim McGill (Supervisor), Barbara Van der Meij (Supervisor)  
1 Jan 2018 → 1 Aug 2018

**Ria Joseph - Masters of Nutrition and Dietetic Practice research project**

Ria Joseph (Student ), Denise Page (Supervisor), Melissa Gilroy (Supervisor), Barbara Van der Meij (Supervisor)  
1 Jan 2018 → 30 Aug 2018

**Amelia Bandera - Masters of Nutrition and Dietetic Practice research project**

Amelia Bandera (Student ), Laisa Teleni (Student ), Niamh O'Donoghue (Researcher), Natasha Woodward (Researcher), Catherine Shannon (Researcher), Barbara Van der Meij (Supervisor)  
1 Sep 2017 → 30 Apr 2018

**Celia Innerarity - Masters of Nutrition and Dietetic Practice research project**

Celia Innerarity (Student ), Amelia Bandera (Student ), Jaimon Kelly (Supervisor), David Honeyman (Researcher), Barbara Van der Meij (Supervisor)  
1 Sep 2017 → 30 Apr 2018

**Bond University Master Class on Cancer Cachexia**

Skye Marshall (Organiser), Elisabeth Isenring (Chair), Barbara S Van der Meij (Participant)  
16 Jun 2017

**43rd Annual Scientific Meeting of the Australasian Society for Parenteral and Enteral Nutrition**

Skye Marshall (Chair), Elisabeth Isenring (Chair), Barbara S Van der Meij (Member of programme committee), Jaimon T Kelly (Participant), Katrina Louise Campbell (Participant)  
1 Jan 2017 → 31 Dec 2017

**Australasian Society of Parenteral and Enteral Nutrition (External organisation)**

Barbara Van der Meij (Chair)  
30 Nov 2016 → ...

**Dwayne Garcia - Masters of Nutrition and Dietetic Practice research project**

Dwayne Garcia (Student ), Ra'eesa Doola (Supervisor), Debbie Tolcher (Supervisor), David Sturgess (Supervisor), Skye Marshall (Secondary Supervisor), Barbara Van der Meij (Supervisor)  
25 Sep 2016 → 1 May 2017

**Research output****Fish oil supplementation and maintaining muscle mass in chronic disease: state of the evidence**

Van der Meij, B. S. & Mazurak, V., 9 Mar 2020, In : Current Opinion in Clinical Nutrition and Metabolic Care.

**Presence or Absence of Skeletal Muscle Dysfunction in Chronic Obstructive Pulmonary Disease is Associated With Distinct Phenotypes**

Cruthirds, C. L., Van der Meij, B. S., Wierzchowska-McNew, A., Deutz, N. E. P. & Engelen, M. P., 29 Feb 2020, In : Archivos de Bronconeumologia.

**Effects of acute oral feeding on protein metabolism and muscle protein synthesis in individuals with cancer**

Van der Meij, B. S., de Groot, L., Deutz, N. E. P. & Engelen, M. P., Nov 2019, In : Nutrition. 67-68, 110531.

**Increased amino acid turnover and myofibrillar protein breakdown in advanced cancer are associated with muscle weakness and impaired physical function**

Van der Meij, B. S., Deutz, N. E. P., Rodriguez, R. E. & Engelen, M. P., Oct 2019, In : Clinical Nutrition. 38, 5, p. 2399-2407 9 p.

**Validity of the PG-SGA and PG-SGA SF Against GLIM Criteria to Identify Malnutrition in Cancer Outpatients**  
Van der Meij, B. S., de Groot, L. & Ackerie, A., Sep 2019, In : Clinical Nutrition. 38, Suppl 1, p. S132 SUN-PO196.

**PG-SGA SF is a suitable screening tool for identifying the risk of malnutrition in outpatients with cancer**  
Lee, G., de Groot, L., Ackerie, A. & Van der Meij, B. S., 12 Aug 2019.

**Glycaemic control, psychometric measures and demographics of a Young Adult population with Type 1 Diabetes and Body Dissatisfaction**  
Walker, N., Barrett, H., Van der Meij, B. S., O'Moore-Sullivan, T. & D'Silva, N., 20 May 2019.

**Family in Rehabilitation, Empowering Carers for Improved Malnutrition Outcomes: Protocol for the FREER Pilot Study**  
Marshall, S., van der Meij, B. S., Milte, R., Collins, C. E., de van der Schueren, M. A., Banbury, M., Warner, M. M. & Isenring, E., 30 Apr 2019, In : JMIR Research Protocols. 8, 4, 9 p., e12647.

**Amino Acid Kinetics and the Response to Nutrition in Patients with Cancer**  
van der Meij, B. S., Teleni, L., Engelen, M. P. & Deutz, N. E., 1 Apr 2019, In : International Journal of Radiation Biology. 95, 4, p. 480-492 13 p.

**Establishing an evidenced-based dietetic model of care in haemodialysis using implementation science**  
Mackay, H. J., Campbell, K. L., van der Meij, B. S. & Wilkinson, S. A., Apr 2019, In : Nutrition and Dietetics. 76, 2, p. 150-157 8 p.

**Nutrition process improvements for adult inpatients with inborn errors of metabolism using the i-PARIHS framework**  
Williams, C., van der Meij, B. S., Nisbet, J., McGill, J. & Wilkinson, S. A., Apr 2019, In : Nutrition and Dietetics. 76, 2, p. 141-149 9 p.

**Baseline clinical but not metabolic characteristics of cancer subjects dropping out of a clinical trial during chemotherapy are different from non-dropout subjects**  
Van der Meij, B. S., Deutz, N. E. P., Rodriguez, R. E., Koeman, F. & Engelen, M. P., Nov 2018, In : Asia-Pacific Journal of Clinical Oncology. 14, S7, p. 172 1 p., 363.

**Baseline clinical but not metabolic characteristics of cancer subjects dropping out of a clinical trial during chemotherapy are different from non-dropout subjects**  
van der Meij, B. S., Deutz, N. E., Rodriguez, R. E., Koeman, F. & Engelen, M. P., Nov 2018, In : Asia-Pacific Journal of Clinical Oncology. 14, S7, p. 172-172 1 p., 363.

**Early signs of impaired gut function in patients with advanced cancer undergoing chemotherapy**  
van der Meij, B. S., Deutz, N. E., Damink, S. O., Rodriguez, R. E. & Engelen, M. P., Nov 2018, In : Asia-Pacific Journal of Clinical Oncology. 14, S7, p. 172-172 1 p., 362.

**Essential Fatty Acid Deficiencies in Adult PKU patients on low protein diets**  
Kreis, C., Beardwood, G., Van der Meij, B. S., Nisbet, J. & McGill, J., 4 Sep 2018, (Unpublished).

**Fish and omega-3 intake and health in older people**  
Marshall, S. & Van der Meij, B. S., 1 Sep 2018, In : Maturitas. 115, p. 117-118 2 p.

**Systematic review of the effects of exercise and nutrition interventions on body composition in women with metastatic breast cancer**  
Innerarity, C., Kelly, J. T. & Van der Meij, B. S., 2018.

**Poor appetite and dietary intake in community-dwelling older adults**  
van der Meij, B. S., Wijnhoven, H. A. H., Lee, J. S., Houston, D. K., Hue, T., Harris, T. B., Kritchevsky, S. B., Newman, A. B. & Visser, M., 1 Oct 2017, In : Journal of the American Geriatrics Society. 65, 10, p. 2190-2197 8 p.

**Depressed mood and cognitive functions in patients with cancer are associated with alterations in tryptophan metabolism**  
Van der Meij, B. S., Lieben, C. K., Deutz, N. E. P., Rodriguez, R. E., Koeman, F., Smit, T. & Engelen, M., Sep 2017, In : Clinical Nutrition. 36, S1, p. S70 1 p.

**Increased amino acid turnover and myofibrillar protein breakdown in advanced cancer are associated with decreased muscle strength and physical function**  
Van der Meij, B. S., Deutz, N., Rodriguez, R., Koeman, F., Smit, T. & Engelen, M., Sep 2017, In : Clinical Nutrition. 36, Supplement 1, p. S46-S47 2 p.

**Metabolic phenotyping to provide insight in mechanisms underlying muscle weakness and wasting in patients with cancer**  
Van der Meij, B. S., Deutz, N., Rodriguez, R., Koeman, F., Smit, T. & Engelen, M., Sep 2017, In : Clinical Nutrition. 36, S1, p. S156

**Platinum Induced Fatty Acids: Are they Present in Plasma of Cancer Patients?**

Mazurak, V. C., Van der Meij, B. S., Murphy, R., Stanislaus, A., V. Damaraju, V., Chu, Q. & Sawyer, M., Sep 2017, In : Clinical Nutrition. 36, S1, p. S47 1 p.

**If the gut works, use it! But does the gut work in gastrointestinal GvHD?**

van der Meij, B. S., Wierdsma, N. J., Janssen, J. J. W. M., Deutz, N. E. P. & Visser, O. J., 1 Mar 2017, In : Bone Marrow Transplantation. 52, 3, p. 466-469 4 p.

**Protein anabolic resistance in cancer: Does it really exist?**

Engelen, M. P. K. J., van der Meij, B. S. & Deutz, N. E. P., Jan 2016, In : Current Opinion in Clinical Nutrition and Metabolic Care. 19, 1, p. 39-47 9 p.

**Variety within a cooked meal increases meal energy intake in older women with a poor appetite**

Wijnhoven, H. A., van der Meij, B. S. & Visser, M., Dec 2015, In : Appetite. 95, p. 571-576 6 p.

**Let them eat fish**

Mazurak, V. C., Calder, P. C. & van der Meij, B. S., Sep 2015, In : JAMA Oncology. 1, 6, p. 840 1 p.

**Specific food preferences of older adults with a poor appetite. A forced-choice test conducted in various care settings**

van der Meij, B. S., Wijnhoven, H. A., Finlayson, G. S., Oosten, B. S. H. & Visser, M., Jul 2015, In : Appetite. 90, p. 168-175 8 p.

**Novel nutritional substrates in surgery**

Buijs, N., Wörner, E. A., Brinkmann, S. J. H., Luttkhold, J., van der Meij, B. S., Houdijk, A. P. J. & van Leeuwen, P. A. M., Aug 2013, In : Proceedings of the Nutrition Society. 72, 3, p. 277-87 11 p.

**Pre-cachexia and cachexia at diagnosis of stage III non-small-cell lung carcinoma: An exploratory study comparing two consensus-based frameworks**

van der Meij, B. S., Schoonbeek, C. P., Smit, E. F., Muscaritoli, M., van Leeuwen, P. A. M. & Langius, J. A. E., 28 Jun 2013, In : British Journal of Nutrition. 109, 12, p. 2231-9 9 p.

**Nutritional support in patients with GVHD of the digestive tract: state of the art**

van der Meij, B. S., de Graaf, P., Wierdsma, N. J., Langius, J. A. E., Janssen, J. J. W. M., van Leeuwen, P. A. M. & Visser, O. J., Apr 2013, In : Bone Marrow Transplantation. 48, 4, p. 474-82 9 p.

**Oral nutritional supplements containing n-3 polyunsaturated fatty acids affect quality of life and functional status in lung cancer patients during multimodality treatment: An RCT**

van der Meij, B. S., Langius, J. A. E., Spreeuwenberg, M. D., Sloopmaker, S. M., Paul, M. A., Smit, E. F. & van Leeuwen, P. A. M., Mar 2012, In : European Journal of Clinical Nutrition. 66, 3, p. 399-404 6 p.

**n-3 PUFAs in cancer, surgery, and critical care: a systematic review on clinical effects, incorporation, and washout of oral or enteral compared with parenteral supplementation**

van der Meij, B. S., van Bokhorst-de van der Schueren, M. A. E., Langius, J. A. E., Brouwer, I. A. & van Leeuwen, P. A. M., Nov 2011, In : American Journal of Clinical Nutrition. 94, 5, p. 1248-65 18 p.

**Nutrition during trimodality treatment in stage III non-small cell lung cancer: Not only important for underweight patients**

van der Meij, B. S., Phernambucq, E. C. J., Fieten, G. M., Smit, E. F., Paul, M. A., van Leeuwen, P. A. M. & Oosterhuis, J. W. A., Sep 2011, In : Journal of Thoracic Oncology. 6, 9, p. 1563-8 6 p.

**Oral nutritional supplements containing (n-3) polyunsaturated fatty acids affect the nutritional status of patients with stage III non-small cell lung cancer during multimodality treatment**

van der Meij, B. S., Langius, J. A. E., Smit, E. F., Spreeuwenberg, M. D., von Blomberg, B. M. E., Heijboer, A. C., Paul, M. A. & van Leeuwen, P. A. M., Oct 2010, In : Journal of Nutrition. 140, 10, p. 1774-80 7 p.

**Validation of predictive equations for resting energy expenditure in adult outpatients and inpatients**

Weijts, P. J. M., Kruijenga, H. M., van Dijk, A. E., van der Meij, B. S., Langius, J. A. E., Knol, D. L., Strack van Schijndel, R. J. M. & van Bokhorst-de van der Schueren, M. A. E., Feb 2008, In : Clinical Nutrition. 27, 1, p. 150-157 8 p.

## Projects

**Bond University Nutrition and Dietetics Research Group Research Collaborations with External Clinical Partners**

Marshall, S., Isenring, E., MacKenzie-Shalders, K., Kelly, J., Campbell, K., Van der Meij, B., Cox, G., Reidlinger, D., Mayr, H., Banbury, M., Nucera, R., Jenkins, J., McCray, S., Canavan, R., Parker, B., de Groot, L., Cohen, F., Rich, G., Soni, A., McCarthy, A. L., Mackay, H., Young, A. M., Hickman, I., Wilkinson, S. A., Kiss, N. & Ali, A.

1/01/14 → ...

**Nutrition for Chronic Disease and Disability: Research to improve health related quality of life and bring forward the under-represented voice**

Reidlinger, D., Marshall, S., MacKenzie-Shalders, K., Van der Meij, B., Campbell, K., Davidson, A., Crichton, M., Kelly, J., Mayr, H., Turner, C. & Odgers-Jewell, K.

1/01/14 → ...

**Nutrition Research for Digestive Health**

Marshall, S., Crichton, M., Campbell, K., Lohning, A., Marx, W., Van der Meij, B., Angus, R. & Canavan, R.

1/01/14 → ...

**Oncology Nutrition Research**

Isenring, E., Marshall, S., Van der Meij, B., Teleni, L. & Crichton, M.

1/01/14 → ...

**Research by Master of Nutrition and Dietetic Practice Students**

Isenring, E., Marshall, S., Reidlinger, D., Kelly, J., Cox, G., Van der Meij, B., MacKenzie-Shalders, K., Mayr, H., Dahl, C., Crichton, M., O'Bryan, K. R., Norris, R., Warner, M., Davidson, A., Naranjo, A., Mahoney, S., Eberhardt, F., Dalwood, P., Lopez, E., Hofto, S., Innerarity, C. & So, D.

1/01/14 → 31/12/19

**MAP-study: The accuracy of the GLIM criteria to Assess nutritional status in inpatients with cancer and Predict nutritional status and quality of life changes during and post hospital discharge – the MAP-study**

Van der Meij, B., Hughes, E., de Groot, L., Jobber, C., Ieng Ao, C., Wong, J. & Varadkar, S.

2/09/19 → 30/04/20

**SyNAPtIC Study: The SyNAPtIC Study – Sarcopenia, frailty, and malnutrition in geriatric rehabilitation**

Van der Meij, B., Parkinson, J., Chan, H. C. (., Marshall, S., Furness, J., Giang, J., Fei, X. (., Smith, E., Ninness, K. & Langston, K.

2/09/19 → 30/04/21

