# Prof. Dr. Khaled Radad

**Professor of Pathology and Clinical Pathology,**
**Faculty of Veterinary Medicine, Assiut University**
**Assiut 71526, Egypt**

## ■ PERSONAL

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| **Name** | **:** Khaled Khalaf Salman Radad |
| **Birth date** | **:** December 3, 1970 |
| **Birth place** | **:** Sohag, Egypt |
| **Nationality** | **:** Egyptian |
| **Marital status** | **:** Married |
| **Telephone** | **:** Home (+20-882-052201) - Mobile (+201023362202**)** |
| **Language** | **:** Arabic (mother), English (very good) and German (good) |
| **Email** | **:** khaledradad@hotmail.com |
| **Orchid** | **:** https://orcid.org/0000-0002-7620-8591 |

## ■ ADDRESS

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| **Work** | **:** Department of Pathology and Clinical Pathology, Faculty of Veterinary Medicine, Assiut University, Assiut 71526, Egypt**.** |
| **Home** | **:** 17 Al-Emam Ali Street, Ferial, Assiut, Egypt. |

## ■ EDUCATION:

• **Doctor Veterinary Medicine** "Neuroprotective strategies against toxicity of $MPP^+$ and glutamate in nerve cell culture". Department of Natural Sciences, Institute of Medical Chemistry, University of Veterinary Medicine Vienna, Austria, April, 2005.

• **M.V.Sc**. Degree "Effects of meso-2,3- dimercaptosuccinic acid (succimer) and some vitamins on the pathological alterations induced by lead in albino rats". Department of Pathology and Clinical Pathology, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt, November, 1998.

• **B.V.Sc.** Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt, May 1993.

## ■ PROFESSIONAL POSITIONS:

• **August 2021 - present:** Head of the Department of Pathology and Clinical Pathology, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.

• **August 2021 – December 2022:** Manager of the Tissue Culture and Stem Cells Unit, Molecular Biology Researches & Studies Institute, Assiut University, Assiut, Egypt.

• **October 2008 – May 2021:** Professor of Pathology, College of Medicine, King Khalid University, Abha, Saudi Arabia.

• **May 2005 - October 2008 :** Assistant professor of Veterinary Pathology, Department of Pathology and Clinical Pathology, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.

• **May 2001 – May 2005:** Research Assistant/Ph.D. Candidate, Department of Natural Sciences, Institute of Medical Chemistry, University of Veterinary Medicine Vienna, Austria.

• **1998 - 2001:** Assistant lecturer in the Department of Pathology and Clinical Pathology, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.

• **1994-1998:** Demonstrator in Department of Pathology and Clinical Pathology, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.

## ■ SCIENTIFIC SKILLS:

Preparation of different Primary Neuronal Cell Cultures, work with different Cell Lines and Stem Cells, Immunohistochemistry, Immunofluorescence, Biochemical analysis, molecular biology, Electron Microscopy, Histopathology.

## ■ SCIENTIFIC ACHIEVEMENTS:

### ▪ Scopus and Google scholar:

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| **- Scopus** | **https://www.scopus.com/authid/detail.uri?authorId=55990162900** |
| **- Google scholar** | **https://scholar.google.com.eg/citations?user=Y_39vxgAAAAJ&hl=en** |
| **- h-index (Scopus)** | **18** |
| **- i10-index (g. scholar)** | **34** |
| **- Publication (Scopu** | **56** |
| **- Citation (Scopus)** | **1543** |
| **- Citation (g. scholar)** | **2136** |

### ▪ Awards:

Silver medal from King Khalid University, Abha, Saudi Arabia for the active participation on quality committee.

### ▪ Book chapters:

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| **- Book** | Healthy Aging |
| **- Editor** | Ping-Chung Leung |
| **- Publisher** | The Chinese University of Hong Kong, Hong Kong. |
| **- Publishing date** | 2010 |
| **- ISBN** | 978-981-4317-71-9 (Hardcover) - 978-981-4464-32-1 (ebook) |
| **- Chapter 7** | **Khaled Radad**, Rudolf Moldzio, Linlin liu, Wolf-Dieter Rausch. Chinese Herbal Medicine: Perspectives on Age-Related Neurodegenerative Diseases. |

### ▪ Newspaper articles:

- **Khaled Radad.** Neuroprotektive Effecte von Ginsenosiden: Mechanismen in dopaminergen Zellkulturen. MedReport N.4/27. Jahrgang Berlin, in Februar 2003, Blackwell Verlag.

- **Khaled Radad**. How do people and researchers look to Chinese herbal medicine? Asia Pacific Biotech 14, 13 – 15, 2011.

## ■ SCIENTIFIC ACTIVITIES:

### ▪ Projects

- Studying neurotoxic effects of Domoic acid on dopaminergic neurons in murine primary mesencephalic cell culture. Project No. G.R.P – 172 – 38. Deanship of Scientific Research, King Khalid University, Ministry of Education, Saudi Arabia.

- Studying neuroprotective effect of minocycline against acrylamide-induced dopaminergic cell death in primary mesencephalic cell culture. Project No. G.R.P. – 162 – 39. Deanship of Scientific Research, King Khalid University, Ministry of Education, Saudi Arabia.

- Looking for neuroprotective strategies against neurodegeneration: Experimental approaches. Project No. R.G.P. 1/125/40. Deanship of Scientific Research, King Khalid University, Ministry of Education, Saudi Arabia.

## ▪ Thesis supervision

### *Master thesis supervised:*

Abeer Hashim Mostafa: Toxopathological effect of methomyl on male albino rats: Protective effect of Nigella sativa oil and green tea polyphenols. MVSc. Department of Pathology and Clinical Pathology, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt, 2008.

### *Doctoral and master thesis under supervision:*

- Asmahan Nasser (Master degree): The Cytotoxic Effect of Hyperthermia-Treated MSCs Secretome on HepG2 Cells. Department of Molecular Biology, Molecular Biology Researches & Studies Institute, Assiut University, Assiut, Egypt.

- Mahmoud Khalaf Mahran Ghonem (Master degree): Molecular evaluation of Quercetin ameliorative effect against acrylamide toxicity on the male reproductive system of rats. Department of Molecular Biology, Molecular Biology Researches & Studies Institute, Assiut University, Assiut, Egypt.

- Eman Mohamed Allam (Master degree): Protective effects of lithium chloride against rotenone-induced neuro and gastrointestinal pathology in Sprague-Dawley rats. Department of Pathology and Clinical Pathology, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.

- Amira Sayed (Ph.D.): Pathological, Immunological and Molecular Profile of Infectious Bronchitis Disease in Broiler Chickens. Department of Pathology and Clinical Pathology, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.

## ▪ Editorial

**Editorial and reviewer for the following international journals**

- CNS Neuroscience & Therapeutics
- Neural Regeneration Research
- Phytotherapy Research
- Veterinary World
- International Journal of Biomedical Engineering
- Research Journal of Medicinal Plant

## ▪ Conferences

- 3rd Fourm of Federation of European Neuroscience Societies (FENS), Paris, France, July 13-17, 2002.

- 6th Congress of the European Federation of Neurological Societies, Vienna, Austria, October 26-29, 2002.

- Deutscher Parkinson Kongress, Dresden, Germany, March 5-8, 2003.

- 4th Fourm of Federation of European Neuroscience Societies (FENS), Lissabon, Portugal, July 10-14, 2004.

- 7th International Conference AD/PD 2005, Sorrento, Italy, March 9-13, 2005.

- 16th International Congress on Parkinson's Disease and related Disorders. Berlin, Germany, June 5-9, 2005.

- 20th Biennial ISN.ESN Meeting. Innsbruck, Austria, August 21-26, 2005.

- The third international conference for development and the environment in the Arab world. Assiut, Egypt, March 21-23, 2006.

- 5th Fourm of Federation of European Neuroscience Societies (FENS), Vienna, Austria, July 8-12, 2006.

- The fourth international conference for development and the environment. Riyadh, Saudi Arabia. March 18-20, 2008.

- 1st national meeting of the coordination between outputs and needs of health staff. Abha, Saudi Arabia, 1 – 2 May, **2011.**

- 1st Saudi Scientific Publishing Conference. Abha, Saudi Arabia, January 28 – 30, 2014.

## ▪ Organization member

- Veterinary Medical Association of Pathology and Clinical Pathology.

- The Egyptian Society of Livestock Diseases.

## ■ ACADEMIC ACTIVITIY AND COMMUNITY SERVICES:

- A member of the permanent scientific committee for evaluation of scientific production to fill the positions of professors and assistant professors, The Supreme Council of Egyptian Universities, Egypt.

- Teaching pathology courses for undergraduate students, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.

- Teaching molecular pathology course for post-graduate students. Faculty of Veterinary Medicine and Molecular Biology Researches & Studies Institute, Assiut University, Assiut, Egypt.

- Post-mortem anatomical and histopathologicl examination for diagnosis of animal diseases, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.

- Organization and implementation of wrokshops for post-graduate students in the field of in vitro studies, Assiut University, Assiut, Egypt.

- Active member in the faculty board, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.

- Active member in the college quality committee, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.

- Providing public awareness lectures to the community in the field of infectious diseases e.g. avian influenza, covid-19, Assiut University, Assiut, Egypt.

## ■ PUPLICATIONS:

**1.** Christopher Krewenka, Sandra Rizzi, Chi Huu Nguyen, Marcin Delijewski, Lars Gille, Katrin Staniek, Catharine Duvigneau, **Khaled Radad**, Andrea Müllebner, Barbara Kranner, Rudolf Moldzio (2023): Radical scavenging is not involved in thymoquinone-induced protection in neuronal oxidative stress models. Antioxidants 12, 858.

**2**. **Khaled Radad**, Rudolf Moldzio, Christopher Krewenka, Barbara Kranner, Wolf-Dieter Rausch. Pathophysiology of Non-motor Signs in Parkinson's disease: Some Recent Updating with Brief Presentation. Exploration of Neuroprotective Therapy 2023, 3, 24-46.

**3. Khaled Radad**, Mokhtar Taha, Wolf-Dieter Rausch (2023): Multiple Choice Questions Versus Very short Answered Questions in the Evaluation of Students of Veterinary Pathology. RevEspEduMed 2023, 4, 27-35.

**4.** Wolf-Dieter Rausch, Fexiue Wang, **Khaled Radad** (2022): From the tyrosine hydroxylase hypothesis of Parkinson´s disease to modern strategies: A short historical overview. Journal of Neural Transmission 129, 487–495.

**5.** Marcin Delijewski, **Khaled Radad**, Christopher Krewenka, Barbara Kranner, Rudolf Moldzio (2021): The Reassessed Impact of Nicotine aAgainst Neurotoxicity in Mesencephalic Dopaminergic Cell Cultures and Neuroblastoma N18TG2 Cells. Planta Medica DOI: 10.1055/a-1527-1390.

**6.** Rudolf Moldzio, Alexander Unterberger, Christopher Krewenka, Barbara Kranner, **Khaled Radad** (2021): Neuroprotective effects of delta-9-tetrahydrocannabinol against $FeSO_4$ and $H_2O_2$-induced cell damage on dopaminergic neurons in primary mesencephalic cell culture. Planta Med Int Open 2021; 8: e88–e95.

**7. Khaled Radad**, Yassmin EL-Amir, Ahmed Al-Emam, Mubarak Al-Shraim, Ismaeel Bin-Jaliah, Christopher Krewenka, Rudolf Moldzio (2020): Minocycline protects against acrylamide-induced neurotoxicity and testicular damage in Sprague-Dawley rats. Journal of Toxicologic Pathology 33, 87 – 95.

**8. Khaled Radad**, Mubarak Al-Shraim, Ahmed Al-Emam, Wolf-Dieter Rausch, Rudolf Moldzio (2020): Autophagy inhibitor 3-methyladenine could not modulate rotenone neurotoxicity in primary mesencephalic cell culture. International Journal of Morphology 38, 530 – 535.

**9.** Ahmed Al-Emam, Mubarak Al-Shraim, Refaat Eid, Abdul-Moneim Jamil, Mahmoud Fwzy Moustafa, **Khaled Radad** (2019): Cytotoxicity of Euphorbia peplus Extract on MCF7 Breast Cancer Cells. Folia Biologica (Kraków) 67, 127 – 139.

**10. Khaled Radad**, Mubarak Al-Shraim, Ahmed Al-Emam, Feixue Wang, Barbara Kranner, Wolf-Dieter Rausch, Rudolf Moldzio (2019): Rotenone: From modeling to implication in Parkinson's disease. Folia Neuropathol 57, 1-10.

**11.** Yahya Al-Falki, Mubarak Al-Shraim, Nasser A. Alsabaani, Refaat A. Eid, **Khaled Radad** (2019): Ultrastructural changes of extraocular muscles in strabismus patients. Ultrastructural Pathology 43, 145 – 153.

**12. Khaled Radad**, Mubarak Al-Shraim, Ahmed Al-Emam, Rudolf Moldzio, Wolf-Dieter Rausch (2019): Neurotoxic effects of acrylamide on dopaminergic neurons in primary mesencephalic cell culture. Folia Neuropathol 57, 196-204.

**13. Khaled Radad**, Rudolf Moldzio, Mubarak Al-Shraim, Ahmed Al-Emam, Wolf-Dieter Rausch (2018): Long-term neurotoxic effects of domoic acid on primary dopaminergic neurons. Toxicology in vitro 52, 279 – 285.

**14.** Eid RA, Al-Shraim M, Al-Falki Y, Al-Emam A, Alsabaani NA, **Radad K** (2018): Radiation-induced damage to lacrimal glands: an ultrastructural study in Sprague Dawley rats. Ultrastruct Pathol. 2018, 42, 358-364.

**15. Khaled Radad**, Mubarak Al-Shraim, Ahmed Al-Emam, Rudolf Moldzio, Wolf-Dieter Rausch (2018): Neurotoxic effects effect of domoic acid on dopaminergic neurons in primary mesencephalic cell culture. Folia Neuropathologica 56, 39-48.

**16.** Ahmed Al-Emam, Mubarak Al-Shraim, Refaat Eid, Mohamed Alfaifi, Mohamed Alshehri, Mahmoud Fawzi, **Khaled Radad** (2018). Ultrastructural changes induced by *Solanum incanum* aqueous extract on HCT 116 colon cancer cells. Ultrastruct Pathol 22, 1-7.

**17.** Eid RA, Al-Shraim M, El-Sayed F, **Radad K** (2017): Ultrastructural changes of kidney in Schistosoma mansoni-infected mice. Ultrastruct Pathol 41, 320-326.

**18. Radad KS**, Moldzio R, Al-Shraim M, Kranner B, Krewenka C, Rausch WD (2017): Recent advances on the role of neurogenesis in the adult brain: therapeutic potential in Parkinson's and Alzheimer's diseases. CNS Neurol Disord Drug Targets 2017 [Epub ahead of print].

**19. Khaled Radad**, Rudolf Moldzio, Mubarak Al-Shraim, Ahmed Al-Emam, Wolf-Dieter Rausch (2016): Comparable neuroprotective effect of rapamycin against low and high rotenone concentrations in primary dopaminergic cell culture. Journal of Applied Pharmaceutical Sciences 6, 142 – 146.

**20.** Nguyen CH, Krewenka C, **Radad K**, Kranner B, Huber A, Duvigneau JC, Miller I, Moldzio R (2016): THC (Δ9-Tetrahydrocannabinol) Exerts Neuroprotective Effect in Glutamate-affected Murine Primary Mesencephalic Cultures Through Restoring Mitochondrial Membrane Potential and Anti-apoptosis Involving $CB_1$ Receptor-dependent Mechanism. Phytother Res 30, 2044 – 2052.

**21.** Reichelt D, **Radad KS**, Moldzio R, Rausch WD, Reichmann H, Gille G (2016): Comparable neuroprotective effects of pergolide and pramipexole on ferrous sulfate-induced dopaminergic cell death in cell culture. CNS Neurol Disord Drug Targets 15, 1325 - 1332.

**22.** Shraim MA, Eid R, **Radad K**, Saeed N (2016): Ultrastructural pathology of human liver in Rift Valley fever. BMJ Case Rep. 1 – 4.45.

**23.** Khaled M. A. Hassanein, Ahmed Al-Emam, **Khaled Radad** (2016): Prophylactic effect of thymoquinone against carbon-tetrachloride-induced hepatic damage in Sprague-Dawley rats. J. Applied Pharmaceutical Science 6: 167 – 171.

**24.** Mubarak M. Al-Shraim, Refaat A. Eid, Adel Osman Musalam, **Khaled Radad**, Ashraf H.M. Ibrahim, Talal A. Malki (2015): Ultrastructural changes of the smooth muscle in esophageal atresia. Ultrastructural Pathology 39: 413 - 418.

**25. Khaled Radad**, Rudolf Moldzio, Wolf-Dieter Rausch (2015): Rapamycin protects dopaminergic neurons against rotenone-induced cell death in primary mesencephalic cell culture. Folia Neuropathologica 53: 250 - 61.

**26.** Jörn Meinel, **Khaled Radad**, Wolf-Dieter Rausch, Heinz Reichman, Gabrielle Gille (2015): Cabergoline protects dopaminergic neurons against rotenone-induced cell death in primary mesencephalic cell culture. Folia Neuropathologica 53, 29-40.

**27. Khaled Radad**, Mubarak Al-Shraim, Mahmoud Moustafa, Wolf-Dieter Rausch (2015): Neuroprotective role of thymoquinone against $MPP^+$-induced dopaminergic cell death in primary mesencephalic cell culture. Neurosciences Riyadh 20, 10-16.

**28.** Mubarak Al-Shraim, **Khaled Radad**, Refaat Eid, Fahmy Al-Sayed (2015): Helicobacter pylori-induced chronic active gastritis in Saudi patients with special reference to the ultrastructural pathology. Comparative Clinical Pathology 2015, 24, 93-99.

**29. Khaled Radad**, Rudolf Moldzio, Mubarak Al-Shraim, Barbara Kranner, Christopher Krewenka, Wolf-Dieter Rausch (2015): Recent advances in autophagy-based neuroprotection. Expert Review of Neurotherapeutics 15, 195-205.

**30.** **Khaled Radad**, Dieter Scheller, Wolf-Dieter Rausch, Heinz Reichmann, Gabrielle Gille (2014): Neuroprotective effect of rotigotine against complex I inhibitors, $MPP^+$ and rotenone, in primary mesencephalic cell culture. Folia Neuropathologica 52, 179-186.

**31.** **Khaled Radad**, Sary Khalil (2014): Natural ovine pulmonary adenocarcinoma in an Egyptian sheep farm. Eurasian Journal of Veterinary Sciences 30, 39-43.

**32.** Sandra Ostera, **Khaled Radad**, Dieter Scheller, Marlen Hessea, Wladimir Balanzewa, Heinz Reichmanna, Gabriele Gillea (2014): Rotigotine protects against glutamate toxicity in primary dopaminergic cell culture. Euro J Pharmacol 724, 31-42.

**33.** **Radad K**, Hassanein K, Al-Shraim M, Moldzio R, Rausch WD (2014): Thymoquinone ameliorates lead-induced brain damage in Sprague Dawley rats. Exp Toxicol Pathol 66, 13-17.

**34.** Moldzio R, **Radad K**, Krewenka C, Kranner B, Duvigneau JC, Rausch WD (2013): Protective effects of resveratrol on glutamate-induced damages in murine brain cultures. J Neural Transm 120, 1271-1280.

**35.** **Khaled Radad**, Khaled Hassanein, Rudolf Moldzio, Wolf Dieter Rausch (2013): Vascular damage mediates neuronal and non-neuronal pathology following short and long-term rotenone administration in Sprague-Dawley rats. Exp Toxicol Pathol 65, 41-47.

**36.** **Khaled Radad**, Mubarak Al-Shraim, Rudolf Moldzio, Wolf-Dieter Rausch (2012): Recent Advances in Benefits and Hazards of Engineered Nanoparticles. Environ Toxicol Pharmacol 34, 661-672.

**37.** Refaat Eid, **Khaled Radad**, Mubarak Al-Shraim (2012): Ultrastructural Changes of Smooth Muscles in Varicocele Veins. Ultrastructural Pathology 36, 201-206.

**38.** Mubarak Al-Shraim, Mahboob Hasan, Ali Hawan, **Khaled Radad**, Refaat Eid (2011): Planter angiomyxolipoma in a child. BMJ Case Reports 1-4.

**39.** **Khaled Radad**, Sary Khalil (2011): Pathology of coccidiosis, paratberculosis and enterotoxaemia in Saudi goats. Brazilian J Vet Pathol 4: 219-224.

**40.** Magda Ali, **Khaled Radad** (2011): Cod liver oil/honey mixture: An effective treatment of equine complicated lower leg wounds. Vet World 4: 304-310.

**41.** Refaat Eid, **Khaled Radad**, Mubarak Al-Shraim (2011): Iridoviral infection consistent with lizard erythrocytic virus in *Chamaelo calyptratus*. Vet Med Austria 98: 82-86.

**42.** **Radad K**, Moldzio R, Rausch WD (2010): Ginsenosides and Their CNS targets. CNS Neurosci Ther 17, 761-768.

**43.** **Radad K**, Hashim A, Youssef MS (2010): Neuropathologic effects of methomyl on Sprage-Dawely rats. Assiut Vet Med J 56, 336-353.

**44.** **Khaled Radad**, Rudolf Moldzio, Wolf-Dieter Rausch (2010): Minocycline protects dopaminergic neurons against long-term rotenone toxicity. Can J Neurl Sci 37, 81-85.

**45.** Moldzio R, **Radad K**, Krewenka C, Kranner B, Duvigneau JC, Wang Y, Rausch WD (2010): Effects of epigallocatechin gallate on rotenone-injured murine brain cultures. J Neural Transm 117, 5-12.

**46.** Wolf-Dieter Rausch, Lin Weimin, Entkhtavian Odkhuu, Rudolf Moldzio, Li Qinfan, Ma Cheng, Zhang Ximmu, **Radad Khaled** (2009): Neuronal changes in aging, oxidative stress and neuroprotective mechanisms. Wiener Klinische Wochen schrift 121: S50-S51.

**47.** **Radad K**, Hashim A, El-Sharqawy EEG, Youssef MS (2009): Histopathological effects of methomyl on Sprage-Dawley rats after repeated application. Bulgarian Journal of Veterinary Medicine. Bulgarian Journal of Veterinary Medicine 12: 149-157.

**48.** Sayed SM, Abou El-Ella GA, Wahba NM, El Nisr NA, **Raddad K**, Abd El Rahman MF, Abd El Hafeez MM, Abd El Fattah Aamer A (2009): Immune defense of rats immunized with fennel honey, propolis, and bee venom against induced staphylococcal infection. J Med Food 12: 569-575.

**49.** Moldzio R, Piskernik C, **Radad K**, Rausch WD (2008): Rotenone damages striatal organotypic slice culture. Ann NY Acad Sci 1148: 530-535.

**50.** **Radad K**, Moldzio R, Taha M, Rausch WD (2008): Thymoquinone protects dopaminergic neurons against MPP(+) and rotenone. Phytother Res 23: 696-700.

**51.** **Khaled Radad**, Gabriele Gille, Wolf-Dieter Rausch (2007): Dopaminergic neurons are preferentially sensitive to long-term rotenone toxicity in primary cell culture. Toxicol in Vitro 22: 68-74.

**52.** **Radad K**, Marwah A, Sary KA, Youssef MS (2007): Pathology in goats associated with super-phosphate emissions. Online Journal of Veterinary Res 11: 10-19.

**53.** **Khaled Radad**, Mohamed El-Shazly (2007): Clinical and pathological assessment of different suture techniques for microvascular anastomosis in rat femoral artery. J Vet Sci 8: 269-273.

**54.** **Khaled Radad**, Gabriele Gille, Jia Xiaojing, Nuria Durany, Wolf-Dieter Rausch (2007): CDP-choline reduces dopaminergic cell loss induced by MPP(+) and glutamate in primary mesencephalic cell culture. Inter J Neurosci 117: 985-98.

**55.** R. Moldzio, **K. Radad**, C. Piskernik, C. Duvigneau, C. Krewenka, W.-D. Rausch (2007): Influence of gabapentin on morphological changes induced by epileptiform activity in hippocampus in vitro. Wien Tierärztl Mschr 94, 3-9.

**56.** **Radad K**, Moustafa FA (2006): Studies on Pasteurella multocida and other bacterial pathogens associated with some problems in duck farms in Assiut Governorate. Assiut Vet J 52, 336-353.

**57.** Ahmed Fathy, **Khaled Radad** (2006): Surgical treatment and histopathology of different forms of olecranon and presternal bursitis in cattle and buffalo. J Vet Sci 7, 287-291.

**58.** **Khaled Radad**, Gabriele Gille, Wolf-Dieter Rausch (2006): Rotenone induces cell death in primary dopaminergic culture by increasing ROS production and inhibiting mitochondrial respiration. Neurochem Inter 49, 379-386.

**59.** **Khaled Radad**, Gabriele Gille, Linlin Liu, Wolf-Dieter Rausch (2006): Use of Ginseng in Medicine with emphasis on neurodegenerative disorders. J Pharmacol Sci 100, 175-186.

**60.** Moldzio R, **Radad K**, Duvigneau JC, Kranner B, Krewenka C, Piskernik C, Rausch WD (2006): Glutamate-induced cell death and formation of radicals can be reduced by lisuride in mesencephalic primary cell culture. J Neural Transm 113, 1095-105.

**61.** **Khaled Radad**, Gabriele Gille, Wolf-Dieter Rausch (2005): Short review on dopamine agonists: insight into clinic and research studies relevant to Parkinson's disease. Pharmacol Reports 57, 701-712.

**62.** Gille G, **Radad K**, Reichmann H, Rausch WD (2005): Synergistic effect of *a*-dihydroergocryptine and L-dopa or dopamine on dopaminergic neurons in primary culture. J Neural Transm 113, 1107-1118.

**63. Radad K**, Gille G, Moldzio R, Saito H, Rausch WD (2004): Ginsenosides Rb1 and Rg1 effects on mesencephalic dopaminergic cells stressed with glutamate. Brain Res 1021, 41-53.

**64. Radad K**, Gille G, Moldzio R, Saito H, Ishige K, Rausch WD (2004): Ginsenosides Rb1 and Rg1 effects on survival and neurite growth of MPP(+) –affected mesencephalic dopaminergic cells. J Neural Transm 111, 37-45.

**65. Radad K**, Gille G, Rausch WD (2003): Neuroprotective effects of ginsenosides: mechanisms in primary dopaminergic cell culture. Med Repot 4, 27.

## ■ COOPERATION AND REFERENCE PEOPLES:

1- **Prof. Dr. Wolf-Dieter Rausch**, Vienna University of Veterinary Medicine, Department for Natural Sciences, Institute for Medical Chemistry, Veterinaerplatz 1, Vienna 1210, Austria.

Email: wolf.rausch@vetmeduni.ac.at

3. **Prof. Dr. Heinz Reichmann,** Department of Neurology, Dresden University of Technology, Fetscherstrasse 74, 01307, Dresden, Germany. Heinz.Reichmann@uniklinikum-dresden.de

2. **Prof. Dr. Yoko Hirata**, Department of Biomolecular Science, Faculty of Engineering, Gifu University, 1-1 Yanagido, Gifu 501-1193, Japan.

Email: yoko@biomol.gifu-u.ac.jp